

# Catalog 2019-2020

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## About the Catalog and the College

The course offerings and requirements of the institution are continually under examination and revision. This Catalog presents the offerings and requirements in effect at the time of publication; it does not guarantee that such offerings and requirements will not be changed or revoked. Adequate and reasonable notice will be given to students to be affected by any changes. This Catalog is not intended to state contractual terms and does not constitute a contract between the student and the institution.

The institution reserves the right to make changes as required in course offerings, curricula, academic policies and other policies and rules affecting students, to be effective whenever determined by the institution. Such changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

The most current edition of this catalog can be found at <http://www.roanestate.edu>.

Roane State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Roane State Community College.

# Locations

## Campuses

### Roane County Main Campus

276 Patton Lane  
Harriman, TN 37748  
(865) 354-3000  
1-866-GO2-RSCC

### Oak Ridge Branch Campus

701 Briarcliff Avenue  
Oak Ridge, TN 37830  
(865) 481-2000  
1-866-GO2-RSCC ext. 2100

### Campbell County Center

201 Independence Lane  
LaFollette, TN 37766  
(423) 562-7021  
1-866-GO2-RSCC ext. 4534

### Cumberland County Center

2567 Cook Road  
Crossville, TN 38571  
(931) 456-9880  
1-866-GO2-RSCC ext. 4532

### Fentress County Center

114 Dragon Drive  
Jamestown, TN 38556  
(931) 752-8320  
1-866-GO2-RSCC ext. 4625

### Knox County Center for Health Sciences

132 Hayfield Road  
Knoxville, TN 37922  
(865) 539-6904  
1-866-GO2-RSCC ext. 2323

### Loudon County Center

100 W. Broadway, Suite 131  
Lenoir City, TN 37771  
(865) 986-1525  
1-866-GO2-RSCC ext. 4670

### Morgan County Center

308 Solomon Drive  
Wartburg, TN 37887  
(423) 346-8700  
1-866-GO2-RSCC ext. 4664

**W.H. Swain Scott County Center**

410 W.H. Swain Boulevard  
Huntsville, TN 37756  
(423) 663-3878  
1-866-GO2-RSCC ext. 4694

**Additional Locations**

**Clinton Higher Education and Workforce Training Facility**

214 Nave Street  
Clinton, TN 37716  
*Student services such as enrollment and financial aid are not available at this location.*

**Cumberland Business Incubator**

2569 Cook Road  
Crossville, TN 38571  
(931) 456-4910

**Princess Theatre**

421 North Roane St.  
Harriman, TN 37748  
(865) 882-4633

**Tamke Allan Observatory**

334 Caney Creek Road  
Rockwood, TN 37854  
(865) 927-5155

# General Information

## List of Academic Programs

**Associate of Arts (A.A.)**

**Tennessee Transfer Pathways**

Art (Studio)  
Anthropology  
Criminal Justice  
Economics  
English  
Foreign Language  
History  
Mass Communications  
Political Science  
Psychology  
Social Work  
Sociology  
Theatre Arts

**Roane State Areas of Emphasis (A.A.)**

Computer Art and Design

General Studies

**Associate of Science (A.S.) Degree Program  
Tennessee Transfer Pathways**

Accounting  
 Anthropology  
 Biology  
 Business Administration  
 Chemistry  
 Civil Engineering  
 Criminal Justice  
 Economics  
 Electrical Engineering  
 Exercise Science  
 Geosciences  
 History  
 Information Systems  
 International Affairs  
 Kinesiology  
 Mass Communications  
 Mathematics  
 Mechanical Engineering  
 Physical Education  
 Physics  
 Political Science  
 Pre-Allied Health Sciences  
 Pre-Health Professions  
 Pre-Occupational Therapy  
 Pre-Physical Therapy  
 Psychology  
 Social Work  
 Sociology  
 Theatre Arts

**Roane State Areas of Emphasis (A.S.)**

Agriculture  
 Computer Art and Design  
 Computer Science  
 Forestry  
 General Studies  
 Physical Science  
 Pre-Allied Health Sciences  
 Pre-Engineering  
 Pre-Law  
 Pre-Nursing  
 Wildlife and Fisheries

**Associate of Fine Arts (A.F.A.) Degree Program**

Music

**Associate of Science in Teaching (A.S.T.) Degree Program**

**TN Transfer Pathways**

Early Childhood Education PreK-3  
 Elementary Education K-5  
 Secondary Education English, Grades 6-12  
 Secondary Education Mathematics, Grades 6-12  
 Secondary Education Social Studies, Grades 6-12  
 Special Education, Grades K-12

**Associate of Applied Science (A. A. S.) Degree Programs**

Business  
 Accounting Option  
 Business Administration Option  
 Management Option

No Concentration  
 Chemical Engineering Technology  
 Computer Information Technology  
     Programming  
     Cyber Defense  
 Contemporary Management  
 Criminal Justice  
 Dental Hygiene  
 Early Childhood Education  
 Environmental Health Technology  
 Financial Services  
 General Technology  
 Geographic Information Systems Technology  
 Health Information Management  
 Health Sciences  
 Mechatronics  
 Medical Informatics  
     Developer  
     Technician  
 Nursing (RN)  
 Occupational Therapy Assistant  
 Paralegal Studies  
 Physical Therapist Assistant  
 Radiologic Technology  
 Respiratory Care  
 Surgical Technology  
 Vision Care Technology

#### **Technical Certificate Programs**

Chemical Engineering Technology  
 Computer Science  
 Early Childhood Education  
 Geographic Information Systems  
 Mechatronics

#### **Health Science Technical Certificates**

Advanced Emergency Medical Technician  
 Advanced Pharmacy Technology  
 Emergency Medical Technician  
 Healthcare Documentation Specialist (*Terminated Summer 2020*)  
 Massage Therapy  
 Medical Coding  
 Paramedic  
 Polysomnography

## Accreditation

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The college's career preparation programs are accredited as follows:

#### **Advanced Pharmacy Technology**

American Society of Health System Pharmacists (ASHP)

#### **Business Management Technology**

Accreditation Council for Business Schools and Programs (ACBSP)

#### **Contemporary Management**

Accreditation Council for Business Schools and Programs (ACBSP)

**Dental Hygiene**

Commission on Dental Accreditation (CODA)

**Early Childhood Education**

National Association for the Education of Young Children (NAEYC)

**Emergency Medical Technician/Paramedic**

Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP)

**Financial Services**

Accreditation Council for Business Schools and Programs (ACBSP)

**Health Information Technology**

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

**Massage Therapy**

Commission on Massage Therapy Accreditation (COMTA)

**Nursing**

Accreditation Commission for Education in Nursing (ACEN)

**Occupational Therapy Assistant**

Accreditation Council for Occupational Therapy Education (ACOTE)

**Opticianry**

Commission on Opticianry Accreditation (COA)

**Physical Therapist Assistant**

Commission on Accreditation in Physical Therapy Education (CAPTE)

**Polysomnography**

Committee on Accreditation for Polysomnographic Technologist Education (CoAPSG) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP)

**Radiologic Technology**

Joint Review Committee on Education in Radiologic Technology (JRCERT)

**Respiratory Therapy Technology**

Commission on Accreditation for Respiratory Care (CoARC)

**Surgical Technology**

Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) and the Commission on Accreditation on Allied Health Education Programs (CAAHEP)

## Statement of Mission and Purpose

**Roane State Community College's vision is to be a premier learning institution that transforms lives, strengthens community, and inspires individuals to excellence.**

**Mission Statement**

Roane State Community College is a comprehensive, public, two-year postsecondary institution serving the higher education needs of a diverse eight-county service area, which includes Roane, Anderson, Campbell, Cumberland, Fentress, Loudon, Morgan, and Scott counties and expands to include Knox and Blount counties for the delivery of a broad range of health science programs. Roane State provides multiple staffed teaching locations and a wide range of flexible teaching delivery modes and distance education technologies to accommodate the diverse learning needs of students balancing multiple priorities in the pursuit of their educational goals.

The college awards the Associate of Arts, Associate of Science, or Associate of Science in Teaching degree for students who wish to transfer to a four-year institution and provides career education for Associate of Applied Science degree or Technical Certificate graduates to enter the workforce. Roane State also upgrades employee skills with a wide range of continuing education and workforce development training offerings, provides a

pathway to postsecondary education for high school students through dual studies, and brings cultural, educational, and recreational opportunities to its communities.

Regardless of their program of study, Roane State students are provided a sound foundation in critical thinking and communication skills and exposed to a curriculum and experiences designed to broaden their understanding and respect for wellness, civic engagement and service, diverse ideas and cultures, a sense of the global community, and the technology required to succeed in 21<sup>st</sup> century society.

*Roane State's mission is to improve the lives of individuals through the transformative power of education and to build thriving communities through partnerships for strengthening economic development.* Just as Roane State expects its students to challenge themselves to engage in lifelong learning, the college accepts the challenge to sustain a culture of innovation and to continually explore new ways to provide an educational experience that meets the current and future needs of its service area communities.

### Values Statement

The college community affirms as its highest values honesty, integrity, respectful communication, and a commitment to personal and professional accountability and measures its institutional success by the success of its students.

## College History

### Roane State's Beginnings

Beginning with the Pierce-Albright Report in 1957, which resulted in a \$200,000 appropriation by the Tennessee General Assembly in 1963 to initiate the community college system, the philosophy of community colleges in Tennessee has been to provide higher education for all Tennessee residents. The first three community colleges were established in 1965, with one in each of Tennessee's three grand divisions—Cleveland State in East Tennessee, Columbia State in Middle Tennessee, and Jackson State in West Tennessee. Additional community colleges opened in Dyersburg and Tullahoma in 1969. The sixth community college opened in Morristown in 1970.

In 1969, the General Assembly, upon the recommendation of Governor Buford Ellington and the state Department of Education, authorized three additional community colleges to be built in Sumner, Roane, and Shelby counties. After visits by Commissioner J. Howard Warf and other officials from the state Department of Education in 1969, a site on Patton Lane was chosen as the permanent location of Roane State Community College.

### Facilities Growth

RSCC opened in temporary quarters at the former Fairmont Elementary School in Harriman in the fall of 1971. In the fall of 1973, the college moved into its first permanent building on the main campus in Roane County.

Groundbreaking for the second building on the Roane State campus was held in January 1977. This three-story Technology Building was occupied in December 1978.

Construction on Campus Expansion Phase II began in June 1978. The Maintenance Building was completed in June 1979, and the Library/Learning Resource Center in September 1980. In addition to reference and audio-visual services, the center houses Distance Learning and the Center for Teaching Arts and Technology. A branch campus at Hardin Valley Road and Pellissippi Parkway was occupied in the fall of 1986. This campus was shared with a sister institution in Knox County.

With the establishment of Pellissippi State Technical Community College in the fall of 1988, Roane State moved its Oak Ridge campus to new sites in Oak Ridge.

Phase I of the East Tennessee Agricultural Exhibition Center was completed in 1988 at the Roane County campus. Phase II was completed in 2000. The facility continues to host a variety of agricultural, civic and community events.

In June of 1994, Roane State held a dedication ceremony for its first permanent Higher Education Center at the new facility in Huntsville. The Scott County Center was named after Earl McDonald, a former Scott Countian who generously provided a \$1 million gift to help build the new campus. The center's library was named after Scott County native Howard H. Baker, Jr., former senator and chief-of-staff for President Reagan. Baker's memorabilia and world-renowned photographs are displayed throughout the facility. The 15,000-square-foot center is situated on 37 wooded acres provided by W.H. Swain.

In August of 1994, the college held its long-awaited groundbreaking for the new \$6.3 million Humanities Building. Final approval of funding for the building came after 13 years of support by community and political leaders. The Humanities Building was opened for classes in the spring of 1997.

In December of 1998, Roane State held a dedication ceremony for its second permanent Higher Education Center in Crossville. The Cumberland County Center was named after Roy and Joanne Stone. The Stones donated the 40-acre tract of land for the new center and made significant financial

contributions as well. The center's library was named after the Cumberland Clinic Foundation in honor of this organization's significant financial contribution.

Roane State occupied a new facility in Knox County to accommodate Health Sciences education that Roane State provides in the expanded service area of Knox and Blount counties. The facility houses classrooms for nursing, respiratory therapy, polysomnography, and EMT/paramedic programs.

Another hard-won dream of the college became a reality when the Oak Ridge Branch Campus celebrated the dedication of its permanent, state-of-the-art, 120,000 square foot facility on August 13, 1999. The building is named in honor of State Senator Randy McNally and former State Representative David Coffey in recognition of their contributions and leadership in the campaign for the permanent Oak Ridge Branch Campus. The campus's Goff Health Sciences and Technology Building, named for former Roane State President Dr. Gary Goff, was completed in 2014.

In October 2001, dedication ceremonies were held to celebrate the opening of a multi-million dollar facility in which Roane State leases space for the Loudon County Higher Education Center. The college shares this facility with the Loudon County Career Center and the Lenoir City Public Library. City and county officials worked closely with the college to make this valuable community resource a reality after a 1999 fire destroyed the downtown block in Lenoir City where the center now stands.

In November 2004, a ribbon-cutting ceremony was held to celebrate the opening of the Fentress County Higher Education Center in Jamestown. The facility is located on property leased from York Institute and consists of five portable units provided by the Fentress County Board of Education. A bronze plaque was presented to Guy and Claudine Pinckley for their effort in providing most of the financial resources necessary to make the center a reality.

In 2005, the Campbell County Higher Education Center was completed. This 18,000 sq. ft. building in Lafollette replaced the college's leased center in Woodson's Mall. Thanks to a bequest by Lillian Michaelis and a land gift by Ed Wheeler, Campbell County now enjoys a permanent college campus.

In spring 2008, the Morgan County Higher Education Center opened thanks to the support of Wayne and Margaret Solomon whose significant financial contributions made the campus possible. Lawrence and Eva Hines gave the college the land on which the campus is located.

In July 2011, the \$1.28 million Cumberland Business Incubator (CBI) opened on the Cumberland County campus. Financing for the CBI was supported with federal, state and local resources. The Cumberland County Commission and Crossville City Council each committed \$250,000 for the construction of the CBI. In addition, Roane State received an \$880,000 grant from the U.S. Commerce Department's Economic Development Administration.

In May 2013, Roane State hosted a ribbon-cutting ceremony at the Clinton Higher Education and Workforce Training Facility. Roane State had begun offering courses in advanced manufacturing there earlier that year along with courses in continuing healthcare education and industrial safety courses.

### **Student Population Growth**

Roane State was projected to be the second or third smallest two-year state college when it opened its doors in the fall of 1971 – enrolling 323 students in 35 classes taught by 20 faculty. Over the years, the college enjoyed a consistently upward trend in enrollment with two notable student growth areas - off-campus and distance learning. Roane State now serves more than 6,000 students who are enrolled for credit and thousands more who take various non-credit courses or participate in seminars, workshops, cultural activities, exposition events and special educational services offered by the college.

### **Dual Studies**

Dual studies classes allow high school students to earn college credit and high school credit at the same time. Roane State first offered these courses in 1997. The college's program, called First Class, has experienced tremendous growth. Approximately 1,200 students take dual studies classes at Roane State.

### **International Education**

The college has made tremendous strides in preparing students to live and work in a global society. In 2008, the college brought in its first large group of visiting international students and has since welcomed many more. Roane State has also expanded international travel opportunities for students. Destinations have included Denmark, France, Italy, England, Ecuador and other countries.

### **Technology**

In 1992, Roane State became the first Tennessee community college to offer classes through live video conferencing, and in 1996, RSCC offered its first Web classes. The college has continued to expand the number of courses offered through live video conferencing and online. In 2008, the college received a grant to add video classroom technology into area high schools, allowing students to take RSCC courses in their own high schools. Roane State made wireless Internet available on all campuses in 2011, and the college has expanded its use of mobile technology to enhance student learning. Roane State created its first mobile app in March 2013.

### **Grant Funding**

Roane State, with the help of many partners, has been awarded several grants to support education initiatives in the college's service area. For example,



grants have supported the college's efforts to offer training in advanced manufacturing such as composites and mechatronics. Roane State continues to succeed in winning grants and implementing grant-funded projects.

### The Presidents of Roane State

In May of 1970, Dr. Cuyler A. Dunbar was selected as the first president of the college.

With 18 years of service to the college, President Dunbar left Roane State in 1988 to assume the presidency of Catawba Valley Community College in Hickory, North Carolina.

Dr. Sherry L. Hoppe was appointed on an interim basis and later named as Roane State's second president in spring 1989.

In February 2000, Dr. Sherry Hoppe accepted an appointment as interim president at Austin Peay State University and was selected as the university's permanent president in January 2001. During this period, Vice President for Financial Services William S. Fuqua, III served as interim president of Roane State.

On October 15, 2001, Dr. Wade B. McCamey became Roane State's third president. In August of 2005, Dr. McCamey accepted the presidency of Walters State Community College in Morristown.

Dr. Gary Goff became Roane State's fourth president on August 19, 2005 after serving as an academic dean and vice president for business at Hillsborough Community College in Tampa, Florida. He retired on October 31, 2012.

Dr. Chris Whaley became the college's fifth president on November 1, 2012 after serving as the college's vice president of student learning/chief academic officer.

### Milestones

- 1974 The college was accredited by the Southern Association of Colleges and Schools to award the associate degree.
- 1976 77% of all students were taught on-campus.
- 1979 40% of all enrollment was off-campus.
- 1980-81 Roane State became the fourth-largest Tennessee community college.
- 1981 The governor stated that Roane State Oak Ridge and State Technical Institute at Knoxville should share a location on the Technology Corridor.
- 1981-82 Roane State became the third-largest Tennessee community college, by FTE.
- 1983-84 Women's basketball team won the national championship, the first for a two-year Tennessee college.
- 1985-86 Roane State became the second-largest Tennessee community college with 40% of its enrollment off-campus.
- 1989 All faculty and staff offices were equipped with a personal computer or terminal.
- 1989-90 Roane State became the first college in Tennessee to have electronic telephone registration.
- 1990-91 RSCC has more health science programs than any other two-year college in Tennessee.
- 1990-91 The college won the AACJC Exemplary Program and Services Award for Excellence of Off-campus Higher Education Centers.
- 1991-92 Telecourse programming began with two video courses in the fall and three more in the spring. A total of 250 students enrolled.
- 1992-93 The first distance learning (IDEA) classrooms to be offered by any Tennessee community college were installed. By 1995, with five compressed video classrooms, RSCC became the largest user of this technology among TBR community colleges.
- 1994 Scott County Higher Education Center opened
- 1994-95 E-mail access became available to all RSCC students.
- 1996-97 The Tamke-Allan Observatory was completed in June on the Schweinler property overlooking Watts Bar Lake.
- 1996-97 RSCC offered its first classes on the World Wide Web.
- 1997 Roane State first offered dual studies classes.
- 1998 The Cumberland County Higher Education Center opened.
- 1998 The Knox County Center for Health Sciences opened.
- 1999 The Oak Ridge Campus opened.
- 2001 The Loudon County Higher Education Center opened.
- 2004 The Fentress County Higher Education Center opened.
- 2005 The Campbell County Higher Education Center completed.
- 2005-06 For an unprecedented fourth year, RSCC earned a perfect 100 points on the THEC Performance Funding Program evaluation.

- 2005-06 Career education programs had a 96% placement rate.
- 2005-06 RSCC students rated their entire educational experience higher than state or national peers.
- 2005-06 All former past presidents came “home” to kick off the college’s celebration of 35 years of academic excellence.
- 2006-07 Over \$14 million was awarded in student financial aid.
- 2007 Bromma Pemberton Linville and Bill Swain, major benefactors of the college’s Scott County campus, became the first people to receive honorary degrees from Roane State.
- 2007-08 Morgan County Center for Higher Education opened.
- 2008-09 Roane State received \$265,000 federal grant to add new interactive classrooms at area high schools and RSCC campuses.
- 2009 Roane State posted the highest retention rate of all community colleges in Tennessee, according to data from the Tennessee Board of Regents.
- 2009 Roane State established a college police department and named Matt Foster as its first Director of Public Safety and Chief of Police.
- 2009 The college received an \$880,000 federal grant for the Cumberland Business Incubator (CBI), paving the way for construction to begin.
- 2009 The Tennessee Board of Regents awarded an Academic Excellence Award to Roane State for the college’s annual Academic Festival.
- 2009-10 Roane State experienced record enrollment with over 6,300 students attending.
- 2010 The college received a \$2.86 million federal grant to support educating workers in advanced materials technician-level training.
- 2010 Roane State completed its fundraising campaign to support expansion of the college’s Oak Ridge campus.
- 2010 Roane State broke ground on the Cumberland Business Incubator at the Cumberland County campus.
- 2010 The Commission on Colleges of the Southern Association of Colleges and Schools reaffirmed Roane State’s accreditation.
- 2010 The Oak Ridge campus expansion received final approval from the Tennessee Board of Regents.
- 2011 According to the Tennessee Higher Education Commission 2010-2011 Factbook, Roane State had the top 2009-2010 job placement rate (97 percent) of any community college in the state.
- 2011 Channel 15 television station, created by Roane State and the City of Harriman, went on the air and became a key component of the college’s new mass communications program.
- 2011 The Cumberland Business Incubator (CBI) at the Cumberland County campus opened.
- 2011 Roane State received two grants to help train workers in high-tech fields such as composite materials technology and mechatronics.
- 2011 Roane State made wireless Internet available on all campuses.
- 2012 Roane State ranked 27th among the nation’s top 500 community colleges and No. 1 in Tennessee, according to StateUniversity.com.
- 2012 Dr. Jill Biden, wife of Vice President Joe Biden, and U.S. Secretary of Labor Hilda Solis visited with Roane State faculty, staff and students as part of the Community College to Career bus tour.
- 2012 The renovated Princess Theatre in downtown Harriman, which is operated by Roane State, opened.
- 2012 The college broke ground for the new Goff Health Sciences and Technology Building at the Oak Ridge campus.
- 2012 Chris Whaley was named Roane State’s fifth president on Nov. 1, succeeding Dr. Gary Goff, who retired Oct. 31.
- 2012 Middle Tennessee State University and Roane State Community College signed agreements that created dual admissions, concurrent enrollment and reverse transfer options between the college and the university.
- 2012 A consortium led by Roane State received a \$12.6 million federal grant to offer more training for health care careers and to provide support students need to complete their degrees. The grant program was called Rx-Tennessee.
- 2013 Roane State began offering courses at the Clinton Higher Education and Workforce Training Facility.
- 2013 Roane State created its first mobile app in March 2013.
- 2014 The Goff Health Sciences and Technology Building at the Oak Ridge campus was completed.
- 2014 Roane State launched Middle College, a program in which high school students could earn their diploma and associate degree at the same time.
- 2015 Roane State was selected into the Achieving the Dream National Reform Network.
- 2016 For the first time, Roane State broke the 1,000 mark in graduates for an academic year.
- 2017 Roane State was eligible for the Aspen Prize, among the nation’s most prestigious awards for community colleges.
- 2018 New science wing completed at Campbell County campus.
- 2019 Roane State received a \$999,950 GIVE grant to extend dual enrollment offerings in Mechatronics and Cyber Defense to students in Morgan, Campbell, Roane, and Loudon counties.

# Glossary

**Accuplacer Test** - An assessment to identify a student's academic strengths and weaknesses in reading, writing, and mathematics. This information is used to provide advisement and placement in courses that best help the student improve skills in these areas, as well as study skills.

**Add deadline** - The latest date in a semester to add a course to a student's class schedule.

**Admission** – The process of being admitted to Roane State allowing you to register for classes. Completion of the admissions process does not constitute registration for classes.

**Admissions file** – The documents collected for admission to the college. These documents include application, transcripts, test scores, immunization record, and any other information required by the Admissions or Records and Registration Offices.

**Advisor** – A full-time faculty member who meets with designated students to help make curriculum choices and discuss progress toward achieving educational goals.

**Articulation agreement** – A document that outlines the curriculum agreed to by Roane State and a four-year college or university to satisfy the degree requirements at Roane State and at the receiving four-year institution.

**Associate's degree** – An associate's degree is awarded to students after completion of a core curriculum. Students completing options in University Parallel (transfer) programs receive the Associate of Science (A.S.), Associate of Arts (A.A.), Associate of Fine Arts (A.F.A.), or Associate of Science in Teaching (A.S.T.) degree. Students who complete options in Career Preparation programs receive an Associate of Applied Science (A.A.S.) degree.

**Audit** – Taking a course but not for credit. Students pay required fees and attend class but are not required to complete assignments or take exams.

**Budget** - The allotted amount a student can receive if receiving financial aid.

**Career Preparation** – An Associate of Applied Science degree program for students who wish to seek employment after completing two years of college work.

**Census** - 14th calendar day of each semester. Financial aid awards (for files that have been verified) are based on enrollment status at time of census date.

**Corequisite** – A course that is required to be taken simultaneously with another.

**Course** – A subject or class in which instruction is offered within a given period of time for a semester and for which credit toward a degree is given.

**Course load** – The total number of semester hours or credit hours in which a student is enrolled for a semester.

**Credit hour** – One hour of classroom study per week over the period of a semester.

**Curriculum** – The whole body of courses offered for study by the college or by a particular department.

**Drop deadline** – The latest date in a semester to add or drop a course from a student's class schedule.

**Elective** – A subject or course that is accepted toward fulfillment of credit for a degree or certificate but is not specifically required for that degree or certificate. So termed because a student elects or chooses to take the course.

**Enrollment Verification for Entitlements Act (EVEA)** - Tennessee House Bill 1379/Senate Bill 1325 requires that any applicant to a college or university that receives funding from the State of Tennessee and is classified as "In-State" for tuition purposes will be required to provide proof of U.S. Citizenship or proof of Permanent Resident Status.

**Full-time student** – A student enrolled in 12 or more credit hours of coursework per semester.

**Grant** – Financial aid that does not have to be paid back.

**High School Equivalency (HSE)** - A certified diploma which is equivalent to a regular high school diploma. Acceptable tests are the GED and the HiSET.

**Humanities** – Any course at Roane State in art, literature, humanities, music, philosophy or theatre.

**Learning Support** – Foundation courses in English, math, reading, and study skills designed for students who are not fully prepared for college level courses. Placement in Learning Support courses is determined by ACT, SAT or Compass test scores.

**Loan** – Financial aid that must be paid back, usually within a specified time.

**Major** – The academic area offered by Roane State in which one specializes.

**NSO** - New Student Orientation

**Part-time student** – A student enrolled in less than 12 credit hours of coursework per semester.

**Physical/Natural Science** – Any science that deals with phenomena observable in nature – biology, chemistry and physics.

**Prerequisite** – A course requirement to be completed or a level of skill or knowledge to be demonstrated prior to enrollment in a course or program.

**Probation** – The status of students when their cumulative GPA drops below college standards. Students may still enroll while on probation.

**RaiderNet** - Students' one-stop hub for all of their college-related business. Students use RaiderNet to access course registration, financial aid information, e-mail and other services

**Readmit** – An Admissions form students must fill out if they have not attended Roane State for one or more semesters.

**R#** - A unique computer generated student identification number.

**Registration** – The process of officially enrolling in one or more courses. Students must be admitted to Roane State before they can register for classes.

**Residency** - 1.Refers to whether or not a student qualifies for in-state maintenance fees. 2. Refers to the amount of coursework that must be taken at Roane State in order to receive a degree or certificate from the college.

**Satisfactory Academic Progress (SAP)** - An appeal needed by students who have reached maximum hours (90 or more) at a community college level or those who are/have been on financial aid probation for low grades/GPA.

**Semester** – A period of instruction lasting 15 weeks at Roane State. Two semesters, fall and spring, ordinarily compose a college year. The third semester, summer, is optional and may be used as a time to catch up or get ahead.

**Social Science** – Any course at Roane State in anthropology, economics, geography, political science, psychology, or sociology.

**Suspension** – The status of students when their cumulative GPA drops below Roane State's standards for two consecutive semesters. Students may not enroll while on suspension.

**Transcript** – An official record of academic history including coursework and grades.

**University Parallel** – Major programs of study designed primarily for students who wish to transfer to a four-year college or university and complete a baccalaureate degree. The credits earned from these programs lead to the A.S. or A.A degree.

**Withdrawal** - Officially dropping a course(s) for a given term. This action is to be completed before the published "Last Day to Withdraw" during the given semester.

# Tennessee Board of Regents

Board of Regents of the State University and Community College System of Tennessee

Bill Lee\*, Governor  
Emily J. Reynolds\*, Vice Chair  
Penny Schwinn\*, Commissioner of Education  
Mike Krause\*, Executive Director at Tennessee Higher Education Commission (THEC)  
Charles Hatcher\*, Commissioner of Agriculture  
Greg Duckett, 9th Congressional District  
Joey Hatch, 7th Congressional District  
Weston Wamp, 3rd Congressional District  
Mark Gill, At-Large, Middle  
Yolanda S. Greene, 4th Congressional District  
Thomas A.H. White, At-Large, East TN  
Miles A. Burdine, 1st Congressional District  
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Danni B. Varlan, 2nd Congressional District  
Barbara U. Prescott, 8th Congressional District  
Leigh A. Shockey, At-Large, West  
Kenneth Goldsmith, Faculty Regent  
Robert Pepper, Faculty Regent (Non-Voting)  
Emily Dollar, Student Regent

\*Ex-Officio Regent

# Personnel / Faculty

## Staff

### President

#### Office of the President

Christopher L. Whaley, *President*

A.A., Roane State Community College-Social Science  
 B.S., Middle Tennessee State University-Political Science  
 J.D., University of Tennessee College of Law-Law (1994)  
 Licensed Attorney (Tennessee)  
 Rule 31 Civil Mediator (Tennessee)

Tamsin E. Miller, *Special Assistant to the President*

B.F.A., Brigham Young University-Interior Design  
 M.S., University of Tennessee-Adult Education (1994)

Sherry Jackson, *Administrative Assistant II*

B.S., Tennessee Technological University - Business Management

#### Internal Audit

Cynthia L. Cortesio, *Director of Internal Audit*

A.A., Indian Hills Community College, Liberal Arts  
 B.S., Truman State University, Accounting (1987)  
 Certified Internal Auditor

#### Institutional Effectiveness, Planning and Student Success Initiatives

Karen L. Brunner, *Vice President*

B.A., University of Iowa-Dramatic Arts  
 M.A., West Virginia University-Dramatic Arts (1977)

Jeffrey Tinley, *Director of Institutional Research*

B.A., Catholic University of America - English  
 M.A., Ohio State University - English (2008)

Shelley L. Esquivel, *Grants Development Consultant*

B.A., University of Nebraska at Omaha – Psychology  
 M.A., University of Nebraska at Omaha – Development Psychology  
 Ph.D., University of Tennessee – Educational Psychology and Research (2011)

Deborah U. Miller, *Grants Development Consultant*

B.S., Kent State University - Secondary Education (1977)

Douglas Wallace, *Institutional Webmaster and Data Analyst*

A.A.S., Roane State Community College-Business Management  
 A.S., Roane State Community College-Computer Science  
 B.S., Tennessee Technological University-Prof. Studies, Information Technology  
 M.B.A., Tennessee Technological University-Business Administration (2016)

Anne Holder, *Administrative Assistant I*

A.A.S., Roane State Community College - Office Administration (1993)

**Marketing and Public Relations**

Sarah Self, *Director*

B.S., University of Tennessee/Knoxville - Communication, Journalism, & Electronic Media (2018)  
 Certified Public Information Officer, FEMA/Texas (2016)

Celia Breedlove, *Advertising and Promotions Manager*

B.S., University of Southern Mississippi-Photo-Journalism (1978)

Jeremy Pulcifer, *Institutional Webmaster*

A.A.S., Roane State Community College-Business Management (1999)

Sandi Roberts, *Coordinator of Graphic Arts*

B.F.A., East Tennessee State University-Graphic Design (1989)

Douglas Wallace, *Institutional Webmaster and Data Analyst*

A.A.S., Roane State Community College-Business Management

A.S., Roane State Community College-Computer Science

B.S., Tennessee Technological University-Prof. Studies, Information Technology

M.B.A., Tennessee Technological University-Business Administration (2016)

## Student Learning

**Office of the Vice President for Student Learning**

Diane Ward, *Vice President for Student Learning, Professor of Education*

B.S., West Virginia University-Secondary Education/Science

M.A., Tennessee Technological University - Education/Instructional Leadership

Ph.D. Capella University-Education (2009)

Cathy Smith, *Administrative Assistant II*

A.A.S., Roane State Community College - General Technology (1999)

Certified Professional Secretary (1990)

Donna Grigsby, *Secretary III*

A.S., Roane State Community College (1986)

**Advising Resource Center**

Amy Keeling, *Interim Dean of Student Academic Support Services*

B.S., MacMurray College - Deaf Education (1985)

M.S., Eastern Illinois University - Guidance and Counseling/College Student Personnel (1986)

Susan C. Pearson, *Interim Director of Academic Advising*

B.S., Tennessee Technological University - Secondary Education

M.S., Tennessee Technological University - School Counseling

Ed.S., Tennessee Technological University - Administration and Leadership (1997)

Donna Lanham, *Advising Systems Analyst*

A.A.S., Pellissippi State - Video Production Technology

A.A., Pellissippi State - General Studies

B.S., Austin Peay State University - Professional Studies (2016)

**Center for Teaching Arts and Technology**

Susan Sutton, *Director, Center for Teaching Arts & Technology And Distance Education*

B. S., Ball State University, Muncie, IN - Special Education K-12

M. S., University of Tennessee, Knoxville - Instructional Technology

Ph.D., University of Tennessee, Knoxville - Instructional Technology (2010)

Misty Anderson, *Instructional Design Specialist*  
 B.S., University of Tennessee - Communications  
 M.S., University of Tennessee – Instructional Technology (2005)  
 Ed.S., University of Tennessee – Teacher Education (2016)

### Dual Studies

Kelley Thomas, *Director of Dual Studies*  
 B.S., University of Tennessee -Business Administration  
 M.Ed., Tusculum College - Human Resource Development (2008)  
 Ed.D, East Tennessee State University- Educational Leadership (2017)

Jacquelyn Wilson, *Coordinator of Dual Studies*  
 B.A. King College - Behavioral Science

### International Education

Casey Cobb, *Interim Director - International Education and Associate Professor of History*  
 B.A., University of North Carolina - History  
 M.A., University of Tennessee - U.S. Race Relations History (2002)

Linette Legg, *Secretary II*  
 B.A., George Peabody College for Teachers - Music Education (1973)

### Learning Centers and Learning Support

Michael D. Hill, *Director of Learning Centers and Learning Support*  
 B.A., Vassar College - English  
 M.A., University of Tennessee - English (1991)

Anna Davis, *Mathematics Learning Support Specialist*  
 B.S., Mathematics, Carson-Newman University (2008)

Robin Leib, *Learning Center Specialist-Oak Ridge*  
 B.A., Speech and Hearing Science, University of Utah  
 M.A., English, Colorado State University (1991)

Jennifer Rowan, *Learning Center Specialist-Harriman*  
 B.A., Middle Tennessee State University-English  
 M.A., Middle Tennessee State University-English (2010)

### Libraries

Robert M. Benson, *Director of Library Services/Associate Professor*  
 B.A., University of Tennessee-English (1996)  
 M.S., University of Tennessee-Information Science (2000)

Heather Doncaster, *Instruction & Outreach Librarian*  
 B.A., University of Tennessee - Anthropology (1996)  
 M.S., University of Tennessee - Information Sciences (2019)

Laura Vaughn, *Branch Library Manager/Associate Professor*  
 B.S., Newberry College-Arts Management (1990)  
 M.S., University of Tennessee-Information Science (1996)

Vacant, *Cataloging/Metadata Librarian*

Vacant, *Librarian*

Lyndy Wibking, *Electronic Resources Librarian*  
 B.A., University of Tennessee-English (2010)  
 M.S., University of Tennessee – Information Sciences (2012)

Terri Hallman, *Library Assistant III*  
 B.S., Auburn University-Education (1983)



Certified Administrative Professional (2013)

Christi Moss, *Library Assistant III*

Certificate, Roane State Community College-Massage Therapy (2008)

AS, Roane State Community College - General Technology (2014)

B.B.A., King University - Business Administration (2015)

Breanna Wright, *Library Assistant II*

A.S., Roane State Community College - Computer Art & Design (2012)

### **Middle College**

David Lane, *Middle College Director, Associate Professor - Psychology*

B.S., Middle State University-GeoScience

M.A., Tennessee Tech University-Health and Physical Education (1997)

Sarah Grant, *Technical Clerk*

A.A.S., Roane State Community College – Contemporary Management (2015)

### **Student Academic Support Services**

Amy Keeling, *Interim Dean of Student Academic Support Services*

B.S., MacMurray College - Deaf Education

M.S., Eastern Illinois University - Guidance and Counseling/College Student Personnel (1986)

Matthew Ward, *Administrative Secretary, TN eCampus Student Liaison*

A.S., Roane State Community College-Business Administration

B.S., University of Tennessee-Business Administration (2001)

### **Tennessee Early Childhood Training Alliance**

Emily Belitz, *TECTA Coordinator*

B.S., University of Tennessee - Chattanooga - Education (2002)

Crystal Cromwell, *TECTA Specialist*

M.S., Capella University - Early Childhood Education (2012)

Leona Kitchings, *TECTA Specialist/Family Child Care Specialist*

B.S., West Georgia College - Early Childhood Education (1993)

Jessica Jones, *TECTA Specialist*

B.S. Tennessee Technological University - Education (2002)

## **ACADEMIC DIVISIONS**

### **Health Sciences**

Patricia Jenkins, *Dean, Professor of Nursing*

B.S.N., University of Tennessee - Nursing

M.S.N., University of Tennessee - Nursing

Ed.D., University of Tennessee - Educational Administration (2001)

Registered Nurse

Tammy Robinette, *Administrative Secretary*

A.S., Roane State Community College-Business Management (1985)

Certified Administrative Professional (2011)

Michael Burtch, *Health Sciences/Nursing Admissions Advisor*

B.S., Bob Jones University – Radio/Television Broadcasting

M.S.L., Grand Canyon University – Business Leadership (2006)

**Humanities**

Myra K. Peavyhouse, *Dean, Professor of English*

A.S., Roane State Community College-Biology

B.S., Tennessee Wesleyan College-Biology

B.A., Tennessee Wesleyan College-English

M.A., East Tennessee State University-English

Ed.D., University of Tennessee-Educational Administration and Policy Studies (2002)

Certified Developmental Education Specialist

Denise Cloyd, *Administrative Secretary*

A.S., Roane State Community College-Business Management (1985)

Certified Professional Secretary (2006)

Darren York, *Manager of RSCC Theatres*

A.A., Roane State Community College

B.A., Tennessee Technological University - English

M.A., Austin Peay State University - Psychology (1996)

Jon P. Chemay, *Theatre Technician*

B.A., University of Tennessee-Psychology and Criminal Justice (2002)

Matthew Waters, *TV Station Manager-Channel 15 and Associate Professor of Mass Communications*

B.S., University of Tennessee-Communications

M.S., University of Tennessee-Communications

Ed.D., East Tennessee State University-Educational Leadership (2016)

**Mathematics and Sciences**

Bruce Cantrell, Interim Dean of Math Sciences

A.S., Roane State Community College-General

B.S., Tennessee Technological University-Biology

M.S., The American University-Biology (1985)

Kathleen B. Voiles, *Administrative Secretary*

A.A.S., Roane State Community College-Office Administration (1993)

Certificate of Advancement-Microsoft Office Specialist (2002)

Certified Professional Secretary (2006)

Brett Longwith, *Lab Technician - Oak Ridge Campus*

M.S., Austin Peay State University - Biology

Adam Williams, *Lab Docent - Scott/Campbell Campuses*

B.S., Tennessee Technological University-Biology (2017)

Gordon Williams, *Project Director - Mechatronics*

M.S. Texas A&M University, Agricultural Engineering (1982)

Laura A Hofmam, *Program Director - Chemical Engineering Technology*

Registered Professional Engineer - Chemical (CA and TN)

B.S., Bucknell University - Chemical Engineering

**Social Science, Business and Education**

Donald L. Lanza, *Dean, Professor of History*

B.A., University of Tennessee at Chattanooga-History

M.A., University of Tennessee-History

Ph.D., University of Tennessee-History (1991)

Victoria Pittman, *Administrative Secretary*

Office Occupations Certificate

Medical Terminology Certificate

**Fitness Center**

Shaun Simpson, *Coordinator*

B.S., Middle Tennessee State University-Physical Education

M.S., Middle Tennessee State University- Health, Physical Education, Recreation, and Safety (2004)

**Enrollment Management and Student Services****Office of the Vice President for Enrollment Management**

Jamie Stringer, *Vice President Enrollment, Student Services, & Innovation*

B.S., Western Governors University - Network Management

M.A., The George Washington University - Education and Human Development

Ed.D., University of the Cumberland - Educational Leadership (2011)

MCSE, Microsoft Corporation - Microsoft Certified Systems Engineer

Carol Jarabek, *Administrative Assistant I*

A.S., Roane State Community College - Office Administration (1985)

Certified Professional Secretary (2003)

**Admissions and Records**

Jessica Hunsaker, *Assistant Director of Admissions and Records/Interim Registrar*

A.S., Roane State Community College - Elementary Education

B.S., Tennessee Technological University - Human Learning (2005)

Certified Professional Secretary (2009)

Kimberly Barnes, *Admissions and Records Supervisor*

A.S., Roane State Community College - General

B.B.A., King University - Business Administration (2015)

Sandy Brock, *Graduation Analyst*

A.S., Pellissippi State Technical Community College - General (1990)

Certified Professional Secretary (2007)

Kelley Barlow, *Technical Clerk*

Marshall Fugate, *Technical Clerk*

A.A.S., Roane State Community College - Opticianry (2016)

**Counseling and Disability Services**

Tracey Watson, *Director of Counseling and Disability Services*

A.A., Hiwassee College - Human Services

B.S.W., East Tennessee State University - Social Work

M.S.S.W., University of Tennessee - Clinical Social Work (1998)

LCSW, Licensed Clinical Social Worker, TN Health Related Boards

Jeff Snell, *Counselor*

B.A., Carson-Newman College - Psychology

M.S., University of Tennessee -Counseling/Educational Psychology (1992)

LPC, Licensed Professional Counselor, TN Health Related Boards

Tina S. Messamore, *Technical Clerk*

A.S., Roane State Community College - Business Management Technology, General Business

B.B.A., King University - Business Administration (2014)

**Enrollment One Stop**

Melodie Johnson, *Enrollment Specialist*

A.S., Roane State Community College - Business Management Technology, Computer Science

B.S., Tennessee Technological University - Interdisciplinary Studies (2013)

Certified Professional Secretary (2008)

Patricia Baines, *Enrollment Assistant*

B. S., Middle Tennessee State University – Political Science

M.A., Middle Tennessee State University - English

Gary W. Goldberg, *Enrollment Assistant*

A.S., Roane State Community College - General

B.S., Tennessee Technological University - Interdisciplinary Studies (2017)

Jennifer Zino, Enrollment Assistant

B.S., King University - Communication

### **Financial Aid**

Robin Townson, *Director of Financial Aid*

A.S., Roane State Community College - Business Management Technology

B.S., Tennessee Technological University - Organizational Leadership

M.P.S., Tennessee Technological University - Strategic Leadership (2019)

Certified Professional Secretary (1998)

Misty Magill, *Assistant Director of Financial Aid*

A.A.S., Roane State Community College - Business Management Technology

B.S., Tennessee Technological University - Organizational Leadership (2010)

Tasha L. Adkisson, *Financial Aid Supervisor*

A.A., Roane State Community College - General (2017)

B.S., Tennessee Technological University - Interdisciplinary Studies (2019)

Melanie Fulbright, *Financial Aid Specialist*

A.S., Cleveland State Community College - General

B.S., Bryan College - Business Administration

MBA, Bryan College - Business Administration (2016)

Melissa Hester, *Financial Aid Analyst*

A.A., Roane State Community College-Humanities

B.S., Tennessee Technological University – Interdisciplinary Studies (2018)

Jordan Huettel, *Financial Aid Specialist*

A.S., Hiwassee College - General Studies

B.S., Hiwassee College - Interdisciplinary Studies (2010)

Mary Hannah Jones, *Financial Aid Specialist*

B.S., Middle Tennessee State University - Electronic Media Communication (2014)

Dawn Sanford, *Financial Aid Specialist*

B.A., University of Tennessee Martin - Social Services

M.S., Liberty University, Management

M.A., Liberty University, Human Services (2010)

### **Parent & Family Engagement**

Maria Gonzales, *Director*

A.A., Hiwassee College

B.S., University of Tennessee - Zoology (1984)

### **Student Engagement**

Jennifer Fugate, *Coordinator*

A.A.S., Roane State Community College - Contemporary Management

A.S., Roane State Community College - General

B.S., Tennessee Technological University - Interdisciplinary Studies (2016)

Certified Professional Secretary (2007)

**Student Enrollment and Recruitment**

Jim McDaniel, *Director*

B.S., University of Tennessee - Hotel/Restaurant Administration  
M.S., University of Tennessee - Education (1991)

Stephanie Cowden, *Student Enrollment Counselor*

B.S., Middle Tennessee State University - Mass Communications/Marketing/Psychology (1992)

Andy Spellman, *Student Enrollment Counselor*

B.S., University of Tennessee - Sports Management, Business Administration (2015)

Jack Parker, *Adult Recruiter/ORBC Evening Coordinator*

B.S., University of Tennessee – Communication (1979)

**Student Services/Dean of Students**

Lisa Steffensen, *Dean of Students*

B.A., Ohio University – Linguistics

M.A., Ohio University – Linguistics

M.Ed., Ohio University – College Student Personnel

Ph.D., Ohio University – Higher Education Administration (2008)

**Student Success Center**

Kathryn Baker, *Director of Student Success*

A.S., Roane State Community College – General Technology

B.S., Tennessee Technological University – Interdisciplinary Studies

M.Ed., East Tennessee State University - Educational Leadership and Policy Analysis (2015)

Priscilla C. Duenkel, *Assistant Director of Student Success*

B.A. Lee University- Communication, Advertising Emphasis

MAED. McKendree University- Higher Education Administrative Services (2011)

Rena Adkins, *Student Success Coach*

A.A.S., Roane State Community College-Office Administration

B.S., Tennessee Technological University - Interdisciplinary Studies (2013)

Certified Administrative Professional

Matthew Brown, *Student Success Coach*

A.S., Roane State Community College - Secondary Education

B.S., Tennessee Technological University - Interdisciplinary Studies

Julianne Cole, *Student Success Coach*

B.S., University of Tennessee - Business Administration

M.Ed., University of Memphis - School Counseling (1989)

Sharalynn Campbell, *Student Success Coach*

B.A., Kalamazoo College - History and English

M.A., Indiana University – History (2002)

Wendy Floyd, *Student Success Coach*

A.A.S., Forsyth Technical Community College - Medical Office Administration

B.S., Tusculum College - Organizational Management

M.B.A., Tusculum College - Business Administration (2015)

Sarah Hooper, *Student Success Coach*

B.A., University of Tennessee - Psychology

M.Ed., East Tennessee State University - Educational Leadership (2015)

Christopher Matthew Lee, *Student Success Coach*

A.A.S., Walters State Community College - Hotel & Restaurant Management

BBA, King University - Business Administration

MBA, King University - Specialization- Human Resource Management (2013)

Sue Niemi, *Adult Student Success Coach*  
B.S., Northern Michigan University - Physical Education (1982)

Vannessa Overton, *Student Success Coach*  
A.S., Roane State Community College - General  
B.S., Tusculum College - Applied Organizational Management  
M.A., Tusculum College - Education (Org. Training & Education)  
M.S., University of Tennessee, Knoxville - Information Science (2011)

Lynzee Patrick, *Student Success Coach*  
A.A., Georgia Highlands College-Political Science  
A.A., Georgia Highlands College- Psychology  
B.S., Kennesaw State University- Political Science/International Affairs  
M.P.A. University of West Georgia - Public Administration (2019)

Kim Scarbrough, *Student Success Coach*  
B.A., Lee University - Communications – Public Relations, (2008)

Amber Thomas, *Student Success Coach*  
A.S., Roane State Community College - General  
B.S., King University - Psychology

Sonya Thomas, *Student Success Coach*  
A.A.S., Roane State Community College-General Technology  
B.S., Tennessee Technological University-Interdisciplinary Studies (2014)  
Certificate, Roane State Community College-Office Information  
Certified Professional Secretary (2011)

Vicki Wilson, *Student Success Coach*  
A.A., Lindsey Wilson College – Computer Information Systems  
B.I.S., Western Kentucky University – Interdisciplinary Studies  
Certified Administrative Professional (2011)  
M.A. Western Kentucky University - Organizational Leadership

### **Testing Center**

Jill Robbins, *Director*  
A.S., Roane State Community College - Sociology  
B.S., East Tennessee State University - Interdisciplinary Studies (2012)  
Certified Administrative Professional (2011)

Amber Cook, *Testing Technician*

### **Veterans Services**

Dale Wampler, *Coordinator*

## **Advancement and Community Relations**

### **Roane State Foundation**

Scott K. Niermann, CFRE, *Executive Director*  
A.A., Kaskaskia College  
B.A., Truman State University  
M.P.A., University of Illinois-Springfield (2006)  
Certificate in Management of Non-Profit Organizations (2006)  
Certificate in Fund Raising Management (2011)  
Certified Fund Raising Executive (2016)

Pam Rudnitzki, *Scholarship Specialist*  
B.S., Business Management, WGU (2016)  
Certificate in Public Library Management (2015)

A.A.S., General Technology, RSCC, (2011)

Linda Brown, *Coordinator*

B.B.A., Accounting - East Tennessee State University (1979)

Lauren Barber, *Development Specialist*

A.S., General - Roane State Community College (2018)

#### **Alumni Relations**

Lauren Barber, *Development Specialist*

A.S., General - Roane State Community College (2018)

Sandi Roberts, *Graphic Designer*

B.F.A., East Tennessee State University-Graphic Design (1989)

## **Business and Finance**

#### **Office of the Executive Vice President for Business and Finance**

Marsha Mathews, *Vice President*

B.S., Tennessee Technological University-Accounting (1990)

Beth Bolden, *Administrative Assistant II*

B.S., Tusculum College - Organizational Management (2000)

#### **Payroll, and Special Projects**

Connie Brown, *Director*

A.S., Roane State Community College-Business Management (1982)

Holly Davidson, *Payroll Practitioner*

A.A.S. Roane State Community College - Business Management Technology (2000)

Tracey Bolden, *Account Clerk II*

A.S., Draughons Junior College - Business Administration (1984)

#### **Fiscal and Auxiliary Services**

Michele Patterson, *Director of Financial Services*

A.A.S., Roane State Community College-General Technology (1999)

Certified Professional Secretary (1996)

Tamra Oliver, *Bursar*

A.A.S., Roane State Community College – Contemporary Management

B.B.A., King University – Business Administration

M.B.A., King University – Business Administration (2019)

Certified Administrative Professional

Shelia Brady, *Accountant II*

A.A.S., Roane State Community College- Business Management Technology: Accounting

B.B.A., King University- Business (2017)

Steve McCullough, *Accountant II*

A.S., Roane State Community College - Business

B.S., Tennessee Technological University-Accounting (2015)

Rosemary G. Hamsley, *Account Clerk II*

B.S., Austin Peay State University – Health and Human Performance (2017)

LaTrisha Hartman, *Lead Cashier*

A.A.S., Roane State Community College - Contemporary Management

B.S., Tennessee Technological University - Interdisciplinary Studies (2018)

Carol Gassaway, *Cashier*

A.A.S., Roane State Community College-General Technology (2004)

#### **Human Resources**

A. Odell Fearn, *Director of Human Resources, Wellness, and Title VI Coordinator*

A.S., Knoxville Business College-Computer Science

B.S., Tennessee Wesleyan College-Business Management

M.A. Tusculum College - Human Resource Development (2011)

Joyce Marsalis, *Human Resources Manager*

B.B.A., East Tennessee State University - Human Resources (1990)

#### **Information Technology**

Keri Phillips, *Interim Assistant Vice President of Information Technology*

A.S., Roane State Community College-Computer Science

B.S., Tennessee Technological University-Computer Science

P.S.M., Austin Peay State University -Computer Science & Quantitative Methods (2017)

Deb Beeler, *Executive Secretary*

#### **Administrative Systems (Computer Center)**

Chris S. Pankratz, *Director of Administrative Systems*

A.S., Roane State Community College-Computer Science

B.S., Tusculum College-Applied Organizational Management (1999)

Paul McNamara, *Web Portal Systems Administrator/Adjunct Faculty*

B.S., Georgia Southern University-Math/Computer Science

M.A., Spring Hill College-Theological Studies (2009)

ASCA Level 2 Certified Swin Coach (2014)

John (Rick) Hopkins, *Programmer Analyst*

B.S., West Virginia Institute of Technology - Mathematics

B.S., West Virginia Institute of Technology - Computer Science

M.S.C.S., West Virginia University - Computer Science (1999)

James Humphreys, *Programmer/Analyst*

A.S., Roane State Community College-Computer Science

A.A., Roane State Community College-Social Science

B.A., University of Tennessee-History

M.A., University of Tennessee-History (2014)

Andre Schutte, *Programmer/Analyst*

A.A.S., Pellissippi State Community College - Database Design & Development (2015)

#### **Networking, Telecommunications and Technical Support (Help Desk)**

Peter Souza, *Director of Networking, Telecommunications and Technical Support*

B.S., University of New Hampshire-Geology

M.S., University of Tennessee-Geology (1998)

David J. Ribes, *Help Desk Management/Lead Microcomputer Specialist*

A.A.S., Stark Technical College-Electronic Engineering Technology (1985)

Anita Anthony, *Microcomputer Specialist*

*Certified Professional Secretary (2010)*

Lucas Below, *Microcomputer Specialist*

A.A.S., ITT Tech-Electrical Engineering Technology (1999)

Lon Bird, *Microcomputer Specialist*



A.A.S., Pellissippi State-Video Production Technology

Robert L. Brown, *Microcomputer Specialist*

William Elwartowski, *Microcomputer Specialist*

A.A.S., Roane State Community College-General Technology (2009)

Lyle Fountain, *Assistant Director*

A.S., Roane State Community College-Business Management Technology/Computer Science (1997)

Michael Hembree, *Microcomputer Specialist*

A.A.S., ITT Tech – Computer and Electronics Engineering Technology

A.A.S., ITT Tech – Networking and Systems Administration (2014)

Elizabeth Hill, *Help Desk Coordinator*

B.S., University of Memphis-Political Science (1990)

Shelton McCullough, *Microcomputer Specialist*

A.A.S., Pellissippi State Community College-Networking and Communication Technology (2005)

Matthew Roberts, *Help Desk Technician*

Tennessee College of Applied Technology (2008)

Smith, Wayne, *Microcomputer Specialist*

A.S., Roane State Community College - Business

B.S., Tennessee Technological University - Business Information Technology (2016)

### **Environmental Health & Safety**

Don Conley, *Environmental Health and Safety Compliance Manager*

B.S., University of Tennessee, Chattanooga - Environmental Engineering (2000)

### **Physical Plant and Exposition Center**

Stan Starkey, *Director*

B.S., University of South Alabama-Business Administration (1990)

Shelia Hicks, *Secretary III*

A.A.S., Roane State Community College - Office Information Technology (2005)

Certified Professional Secretary (2006)

Diane Cox, *Expo Office Supervisor*

David Webb, *Maintenance & Grounds Supervisor*

J. Patrick Tilley, *Maintenance & Grounds Supervisor - ORBC*

Susan Brown, *Grounds Worker - ORBC*

Terry L. Brown, *Maintenance Worker - ORBC*

Don Clark, *Maintenance Mechanic - HVAC*

Greg Mayo, *Maintenance Mechanic - Electrician*

Pam Cook, *Day Porter*

Dale Green, *Maintenance Worker*

Nancy Humphreys, *Horticulturalist*

Ronald Johnson, *Maintenance Worker - ORBC*

Jerry Kindred, *Painter*

Jerry Malicoat, *Farm Worker Supervisor*

Mike McClure, *Courier*

Sean McDonald, *Maintenance Worker*

Fred Ooten, *Shipping/Receiving Clerk*  
A.A.S., Roane State Community College-General Technology (2010)

Zachary Patterson, *Farm Worker*

Michael Pogue, *Farm Worker*

Damon Sandifer, *Maintenance Worker*

Terry Scheiern, *Maintenance Utility Worker*

Irene Weismuller, *Grounds Worker*

Roy Wiley, *Maintenance Worker*

#### **Roane State Police Department**

William N. Kain, *Director of Public Safety/Chief of Police*  
Member, Tennessee Association of Chiefs of Police  
University of Tennessee LEIC Southeastern Leadership Academy (SELA) (2018)  
M.S., Criminal Justice, Bethel University (2014)  
B.S., Education, The University of Tennessee

Edward Jackson, *TN POST Certified Police Officer*

Jack Martin, *TN POST Certified Police Officer*

Michael McCullough, *TN POST Certified Police Officer*

Dale Kendrick, *Security Officer*  
A.S., Roane State Community College-Police Science (1983)

James Perkins, *TN POST Certified Police Officer*

Richard Wood, *TN POST Certified Police Officer*

#### **Purchasing, Contracts and Budgets**

Dana K. West, *Director of Purchasing and Contracts*  
A.A.S., Pellissippi State Community College, Accounting  
B.S., Tennessee Wesleyan College, Accounting  
M.B.A., Lincoln Memorial University, Business Administration (1999)

Michele Oran, *Buyer*  
A.A.S., Roane State Community College - Office Management (1983)

## **Oak Ridge Branch Campus and Satellite Centers**

#### **Campbell County Higher Education Center**

Tracy Powers, *Director*  
M.S., University of Tennessee-Teacher Education (2008)  
B.S., Liberty University-History Education

Ann M. LeJeune, *Technical Clerk*  
M.Ed., Grand Valley State University-College Student Affairs Leadership (2001)

B.B.A., Grand Valley State University-Marketing  
A.A., Muskegon Community College-General

Mary Mentis, *Part Time Clerk*

Michael Kitts, *Campus Police*

Richard Ellison, *Custodian/Utility Worker*

#### **Cumberland County Higher Education Center**

Holly Hanson, *Director*  
M.S., Cardinal Stritch University - Management  
B.S., Rockford University - Mathematics and Accounting  
Licensed Professional Business Coach  
Certified Executive Coach  
Certified Retirement Transition Coach

Allison Brendel, *Technical Clerk*  
Tennessee College of Applied Technology-Accounting Certificate

Stanton Tabor, *Technical Clerk*  
A.S., - Roane State Community College - General (2011)  
Certified Professional Secretary

Darrell Christmas, *Maintenance/Custodial Supervisor*

Truman Ledgerwood, *Maintenance Utility Worker*

#### **Fentress County Higher Education Center**

Tinisha Key, *Director*  
A.S., Roane State Community College (Psychology)  
B.S., Tennessee Technological University - Interdisciplinary Studies (2015)

Peggy Johnson, *Administrative Assistant*

#### **Knox County Center for Health Sciences**

Kirk Harris, *Director*  
Licensed Tennessee State Paramedic and Critical Care Paramedic  
A.S., Lake Sumter Community College-Emergency Medical Care  
B.S., University of Tennessee-Botany (1992)

Jennifer Provine, *Technical Clerk*  
B.S., University of Tennessee-Business Administration (1981)

Lisa Smith, *Secretary II*  
B.A., University of Tennessee-Art History (1996)

Ricky Carroll, *Custodian/Utility Worker*

#### **Loudon County Higher Education Center**

Susan Williams, *Director*  
B.S., University of Tennessee-Communications/Public Relations (1990)

Yvonne Toon, *Technical Clerk*

#### **Morgan County Higher Education Center**

Michelle Adkisson, *Director*  
A.S., Roane State Community College  
B.S., Tennessee Technological University-Sociology  
M.A., Austin Peay State University - Communications (2014)

Melanie Stanley, *Secretary III*  
A.A.S., Roane State Community College-Office Administration (1989)

#### **Oak Ridge Branch Campus**

Teresa Sherrill Duncan, *Vice President of Workforce and Community Development*  
A.S., Roane State Community College-Business Administration  
B.S., Tennessee Wesleyan College-Business Education and Business Management  
M.S., Tennessee Technological University-Secondary Education (1990)

Sandy Vann, *Administrative Assistant I*  
A.A.S., Roane State Community College-Contemporary Management (2014)

Mariella Akers, *Oak Ridge Health and Nursing Secretary/Technical Clerk*  
B.A., Hood College-Psychology  
M.F.A., Savannah College of Art and Design-Historic Preservation (1995)

Vacant, *Administrative Secretary for Scheduling*

#### **Scott County Higher Education Center**

Sharon W. Wilson, *Director*  
A.S., Roane State Community College-General  
B.S., Tusculum College-Applied Organizational Management  
M.A., Tusculum College-Education (Org. Training & Education) (2004)

Charlotte Shelton, *Technical Clerk*  
A.A.S., Roane State Community College-General Technology (2010)  
Certified Administrative Professional (CAP) (2014)

Jimmy Lowe, *Custodian/Utility Worker*

## **Workforce and Community Development**

#### **Office of Workforce and Community Development**

Teresa Sherrill Duncan, *Vice President of Workforce and Community Development*  
A.S., Roane State Community College-Business Administration  
B.S., Tennessee Wesleyan College-Business Education and Business Management  
M.S., Tennessee Technological University-Secondary Education (1990)

Kristi L. Beason, *Administrative Assistant II*  
A.A.S., Roane State Community College - Business Management Technology  
A.S., Roane State Community College - General  
B.S., Middle Tennessee State University - Professional Studies/Organizational Leadership (2017)  
Certified Professional Secretary (2007)

#### **Athletics**

Randy Nesbit, *Athletic Director/Men's Basketball Coach*  
B.S., The Citadel -Business Administration  
M.B.A., The Citadel - Business (1986)

Alan Holt, *Assistant Men's Basketball Coach*  
B.S., Bryan College - Exercise and Health Science

David Harnish, *Head Women's Basketball Coach*  
M.A., University of Northern Colorado - Recreation Administration  
B.S., Adams State University - Business Education

Angel D. Allen, *Assistant Women's Basketball Coach*  
B.S.B.A., Western Carolina University - Accounting (2019)

Jessica Hackworth, *Head Softball Coach, Adjunct Faculty*  
 M.A., East Tennessee State University - Kinesiology & Sport (2011)  
 B.S., East Tennessee State University - Sport & Leisure Management

Rosemary Hamsley, *Assistant Softball Coach*

Cam Hamsley, *Interim Baseball Coach, Adjunct Faculty*  
 M.A., Union University- Education  
 B.S., Austin Peay - Health & Human Performance

JT O'Reel, *Assistant Baseball Coach*

Chris Griffin, *Men and Women's Golf Coach*

Steve Dallman, *Women's Volleyball Coach*

R. Scott Witt, *Athletic Assistant*  
 B.S. Ed. , University of Tennessee, Knoxville, TN. - Secondary Social Science Education, Minor: History  
 M.S. Ed. , Lincoln Memorial University, Harrogate, TN. (1997)- Educational Administration and Supervision

### **Community Outreach and Professional Training**

Sonya Parker, *Program Manager*  
 A.A.S., Roane State Community College-General Technology  
 B.B.A., King College - Business Administration (2017)  
 Certified Professional Secretary (2007)  
 Microsoft Certified Specialist Expert  
 Intranet Webmaster Certificate

### **Continuing Healthcare & Safety Education**

Kirk Harris, *Director, Continuing Healthcare & Safety Education*  
 Licensed Tennessee Paramedic and Certified Flight Paramedic  
 A.S., Lake Sumter Community College-Emergency Medical Care  
 B.S., University of Tennessee-Botany (1992)

Vacant, *Coordinator, Health Science Programs*

Elizabeth Hageman, *Secretary, Health Science Programs*  
 Certified Professional Secretary

### **Cumberland Business Incubator**

Holly Hanson, *Director, Cumberland Business Incubator & Cumberland County Campus*  
 M.S., Cardinal Stritch University - Management  
 B.S., Rockford University - Mathematics and Accounting  
 Licensed Professional Business Coach  
 Certified Executive Coach  
 Certified Retirement Transition Coach

Bonnie Moedano, *Technical Clerk*  
 A.S., Roane State Community College - General (2017)  
 Tennessee College of Applied Technology - Accounting Certificate

### **Tennessee Small Business Development Center**

Jutta Bangs, *Director and Senior Business Specialist*  
 A.S., Laramie County Community College-Internet Technology & Web design  
 B.S., University of Wyoming-Business Administration  
 M.A., Tennessee Technological University  
 P.S.M, Austin Peay University - Data Management & Analysis (2017)  
 International Business NASBITE Certified Global Business Professional (CGBP) (2014)

## Workforce Training and Placement Services

Kim Harris, *Director*

B.S., University of Tennessee - Home Economics/Merchandising

Certified Workforce Development Specialist

Global Career Development Facilitator

# Faculty

## Faculty

NOTE: (date) indicates date of last degree

AHLER, CHRISTOPHER, E., *Assistant Professor of Business*

B.A., University of Tennessee – Psychology

M.B.A, International University of Monaco, Business Administration (2007)

ALFONSO JR., ROBERT, *Associate Professor of English*

B.A., Kent State University-English

M.A., East Tennessee State University-English (1992)

ANDERSON, ANDY, *Associate Professor of Psychology*

B.A., Southwestern at Memphis-English

M.A., Middle Tennessee State University - Psychology (1972)

LPSE, Licensed Senior Psychological Examiner, (Health Service Provider)

TN Health Related Boards

ANDERSON, KRYSTEN, *Assistant Professor of English*

A.A., New River Community College – General Studies

B.S., Radford University – English

M.S., Radford University – English (2010)

ANTHONY, DARLENE M., *Associate Professor of Geology*

M.S., Western Kentucky University - Geoscience

Ph.D., Purdue University - Geology (2003)

ARCANGELI, KATHRYN, *Professor of Mathematics*

B.S., University of Alabama - Industrial Engineering

M.S., Auburn University - Industrial Engineering (1989)

M.M., University of Tennessee - Mathematics (2008)

BADGER, ROGER A, *Instructor, EMT- Paramedic Program*

A.A.S., Hocking Technical College - Emergency Medical Technology (1982)

Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

BARANOWSKI, ATHENA M., *Assistant Professor of Chemistry*

B.A., University of Wisconsin - Milwaukee - English

B.S., University of Wisconsin - Milwaukee - Biochemistry

M.S., University of Wisconsin - Milwaukee - Chemistry (2013)

BARKER, HEATHER, *Assistant Professor of Nursing*

A.S.N., Lincoln Memorial University

B.S.N., Austin Peay State University

M.S.N. Middle Tennessee State University (2018)

Registered Nurse

BENITEZ-RAMIREZ, ISABEL, *Assistant Professor of Biology*

M.D., Universidad de Los Andes, Venezuela (1999)

BLALOCK, CONSTANCE M., *Assistant Professor of Mathematics*

A.S., Eastern Kentucky University - Broadcast Engineering

B.A., Western Illinois University - Communication Arts and Sciences  
B.S., East Tennessee State University - Mathematics  
M.S., East Tennessee State University - Mathematics (2014)

BLEVINS, DAVID, *Associate Professor and Director, EMT and Paramedic Programs*  
A.A.S., Roane State Community College - Paramedic  
B.P.S., University of Memphis-Fire Administration and Fire Prevention Technology  
M.A., Military University - Emergency & Disaster Management (2018)  
Licensed Tennessee State Paramedic Instructor/Coordinator (P/IC)  
National Registered Emergency Medical Technician - Paramedic (NREMT-P)

BODINE, MARK, *Instructor, EMT-Paramedic Program*  
A.A.S., Roane State Community College - General Technology (2001)  
Licensed Tennessee Paramedic Critical Care  
Certified Flight Paramedic (FPC)  
National Registered Emergency Medical Technician-Paramedic (NREMT-P)

BOLES, MONICA L., *Associate Professor of Exercise Science*  
B.S., Carson Newman College-Computer Science  
M.A., Tennessee Technological University - Exercise Science, PhysEd, Wellness (2011)

BOULDIN, MARGARET, E., *Assistant Professor of English*  
B.A., Lipscomb University - English  
M.A., Miami University - English

BOWLING, TURNER, *Assistant Professor of English*  
B.A., Lincoln Memorial University - English  
M.A., University of Tennessee - English  
Ed.S., Lincoln Memorial University - Educational Leadership

BRADSHAW, STACIE, *Associate Professor of Education*  
B.S., Tennessee Technological University - Multidisciplinary Studies, Elementary Education K-6  
M.S., University of Tennessee - Teacher Education (2010)

BROWN, JOHN, *Associate Professor of Political Science*  
B.A., University of Tennessee - Political Science  
M.A., Appalachian State University - Political Science (2007)

BROWN, MINDY, *Assistant Professor of Nursing*  
B.S.N., Ohio University  
M.S.N., Aspen University, (2018)  
Registered Nurse

BYRD, RODNEY, *Instructor, EMT - Paramedic Program*  
A.A.S., Roane State Community College-General Technology (1996)  
Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

CAMPBELL, RYAN, *Assistant Professor of Mathematics*  
B.S., Wofford College - Mathematics  
M.S., University of Tennessee - Mathematics (2015)

CANTRELL, BRUCE, *Associate Professor of Biology & Interim Dean, Mathematics and Sciences*  
A.S., Roane State Community College - General  
B.S., Tennessee Technological University - Biology  
M.S., The American University - Biology (1985)

CARRIGER, STEVEN P., *Associate Professor of History*  
B.A., East Tennessee State University - History, World History, Appalachian History (2005)  
M.A., East Tennessee State University -History, Early Modern Europe (2007)

CHUNG, MICHAEL, *Associate Professor of Computer Science*  
B.S., Southeast Missouri State-Agriculture  
M.S., University of Missouri - Soil Physics

M.S., University of Missouri - Nuclear Engineering (1990)

COBB, CASEY, *Associate Professor of History*

B.A., University of North Carolina - History

M.A., University of Tennessee - U.S. Race Relations History (2002)

CUMMINGS, CLAUDIA C., *Assistant Professor of Biology*

B.A., University of Tennessee - Microbiology

M.S., University of Tennessee - Microbiology (1979)

DALTON-CARRIGER, JESSICA, *Assistant Professor of Anthropology*

B.A., East Tennessee State University - History

M.S., University of Tennessee - Anthropology

Ph.D., University of Tennessee - Anthropology (2016)

DANIEL, JALA, *Associate Professor and Coordinator, Biology*

B.A., The College of Wooster-Biochemistry/Molecular Biology

M.S., East Tennessee State University - Biomedical Sciences (2009)

DELOZIER, EMILY A., *Associate Professor and Academic Coordinator of Clinical Education, Physical Therapist Assistant Program*

A.A.S., Roane State Community College - Physical Therapist Assistant

B.S., University of Tennessee - Transportation (1982)

M.P.S., Tennessee Technological University (2017)

Licensed Physical Therapist Assistant (PTA)

DENTON, RACHEL. *Assistant Professor of Spanish*

B.A., University of Puerto Rico – Plastic Arts

M.A., University of Tennessee – Spanish (2014)

DOYLE, JAMES A., *Professor of Psychology*

B.A., Aquinas College - Psychology

M.A., Xavier University - Clinical Psychology

Ph.D., University of Saskatchewan - Social - Clinical Psychology (1973)

DRAKE, GLORIA, *Associate Professor of Business*

A.S., Pearl River Junior College - Business

B.S., University of Southern Mississippi - Business Education

M.Ed., University of Southern Mississippi - Business Education (1989)

EVANS, JEANNE, *Assistant Professor of Nursing*

BSN., Carson Newman College

MSN., King University (2013)

Registered Nurse

FARMER, WILLIAM, *Associate Professor and Director, Accounting/Business*

B.S., University of Tennessee - Accounting

M.B.A., University of Tennessee - Business Administration (1976)

FIELDS, BECKY L., *Assistant Professor of Nursing and Director, Nursing Program*

B.S.N., University of Tennessee - Nursing

M.S.N., University of Tennessee - Psychiatric Mental Health

Ph.D., University of Tennessee - Nursing (2002)

Registered Nurse

FINDLAY, VICTORIA “TORI”, *Assistant Professor of Surgical Technology and Director, Surgical Technology*

A.A., University of Phoenix - Associate of Arts-Education

B.S., University of Phoenix - Environmental Science

Certified Surgical Technologist

FINN, ROGER, P., *Instructor of English*

A.S. – Roane State Community College – Education

B.A. - Tennessee Technological University – English

M.A. - Tennessee Technological University – English (2011)



FISHEL, JASON, L., *Assistant Professor of Philosophy*

B.A., Coastal Carolina University – English  
B.A., Coastal Carolina University – Philosophy  
M.A., Washington State University – Philosophy  
Ph.D., University of Tennessee – Philosophy (2014)

FOX, BRADLEY, *Associate Professor of Business*

B.S., Salem State College - Management  
M.B.A., DePaul University - International Business (1986)

FOXX, MICHELLE, *Instructor of Health Information Management*

A.A.S., Roane State Community College - Health Information Technology (2008)  
Registered Health Information Technician (RHIT)

GALLOWAY, ASHLEY B., *Instructor of Biology*

B.S., University of Victoria – Biology  
Ph.D., Virginia Tech – Entomology (2005)

GARCIA, GUILHERME, *Instructor of Mechatronics*

B.S., University of Sao Joao Del-Rei (Brazil) - Mechanical Engineering (2013)

GENNA, GARY, *Associate Professor and Director, Massage Therapy Program*

B.S., State University of New York at Cortland - Biology (1982)  
Licensed Massage Therapist (LMT)

GENOVISE, ELIZABETH, *Assistant Professor of English*

B.A., Hillsdale College – English  
M.A., McNeese State University – English (2009)  
M.F.A., McNeese State University – Creative Writing (2009)

GERGEN, THERESA D., *Professor and Director, Occupational Therapy Assistant Program*

B.A., Allegheny College - Psychology  
M.S., University of North Carolina-Occupational Therapy (1988)  
Ed.D., Nova Southeastern University - Instructional Technology and Distance Education (2012)  
Licensed Occupational Therapist (OTR/L)

GILL, MELINDA, *Associate Professor and Director, Dental Hygiene Program*

B.S.D.H., University of Southern Indiana, Dental Hygiene Education  
M.P.A., Indiana State University, Public Administration (1998)  
Registered Dental Hygienist (RDH)

GOINS, KARYN, *Associate Professor and Clinical Coordinator, Respiratory Care Program*

A.A.S., Roane State Community College - Respiratory Therapy Technology  
B.S., East Tennessee State University - Allied Health (2012)  
Registered Respiratory Therapist (RRT)

GOLEBIEWSKI, MICHAEL, *Associate Professor of Speech/Theatre*

B.S., Troy State University - Speech and Theater  
M.F.A., University of Tennessee - Acting (Performance) (1995)

GOMEZ DELCAMPO, STELLA, *Associate Professor of History*

B.A., University of Mexico-History, Mathematics  
M.A., University of Mexico-History, Art History (1969)

GRAVELY, GARY, *Assistant Professor of English*

B.A., Tennessee Technological University – History and English  
M.A., Tennessee Technological University – English  
Ph.D., Middle Tennessee State University – English (2015)

GREENLEE, GEOL A., *Professor of Music, Music Department Coordinator*

B.A., University of Wisconsin - Music  
M.M., University of Tennessee - Music  
D.M.A., University of Cincinnati-College Conservatory of Music - Composition (1997)

HALL, JULIE, *Associate Professor and Director, Radiologic Technology Program*  
A.A.S., Roane State Community College - Radiologic Technology  
B.S., University of Tennessee-Biochemistry, Molecular and Cellular Biology  
M.P.H., University of Tennessee - Public Health  
PhD, University of Tennessee - Educational Psychology and Research (2018)  
Registered Radiologic Technologist RT(R) (CT)

HANNON, TAMMY L., *Associate Professor of Nursing*  
B.S.N., Lincoln Memorial University - Nursing  
M.S.N. Liberty University - Nursing (2012)  
Registered Nurse

HARRIS, VICKIE F., *Associate Professor of Nursing*  
A.D.N., Fayetteville Technical Community College  
B.S., University of St. Francis - Health Science  
M.S.N., University of Phoenix, Nursing (2006)  
Registered Nurse

HEIDINGER, GARY L., *Associate Professor of Sociology and Anthropology*  
B.S., Bethel College - History  
M.A., George Peabody College - History (1965)  
Certified in Thanatology

HENSLEY, VICKIE, *Associate Professor, Radiologic Technology Program*  
A.S., Roane State Community College - Radiologic Technology  
B.S., College of St. Francis - Health Arts (1992)  
Registered Radiologic Technologist RT(R)

HERD, VALERIE, *Associate Professor of Sociology*  
B.S., East Tennessee State University - Communications  
M.S., University of Tennessee - Sociology (1995)

HERRON, THOMAS, JR. R., *Assistant Professor and Clinical Coordinator, EMT, AEMT, and Paramedic Programs*  
Certificate, Community College of Allegheny County - EMT - Paramedic  
A.A.S., Davidson County Community College-Emergency Medical Services (2009)  
Licensed Tennessee State Paramedic Instructor/Coordinator (P/IC)  
National Registered Emergency Medical Technician - Paramedic (NREMT-P)

HILDEBRANDT, MELANIE C., *Assistant Professor of Speech*  
B.F.A., Austin Peay State University – Art  
M.A., Austin Peay State University – Communication Arts (2013)

HILL, LESHA, *Associate Professor and Director, Respiratory Care Program*  
A.S., Roane State Community College - Respiratory Therapy  
B.S., Tusculum College - Applied Organizational Management (1991)  
Registered Respiratory Therapist (RRT)

HOLMES, STEFANIE L., *Assistant Professor of Mathematics*  
B.A., University of Tennessee, Chattanooga - Mathematics  
M.M., University of Tennessee - Mathematics (2018)

HYDER, DAN, *Associate Professor and Director, Environmental Health Technology/Coordinator, Honors Program*  
B.S., East Tennessee State University - Environmental Health  
M.E.S., University of Oklahoma - Environmental Science (1980)

HYUN, PHILLIP JIN-KEE, *Associate Professor of Engineering/Physics*  
B.S., Yonsei University, Korea - Biochemistry  
M.S., Washington State University - Physics  
Ph.D., Washington State University - Physics (1996)

INSCO, APRIL, *Associate Professor and Director, Health Information Management Program*  
A.S., Roane State Community College - Health Information Management

B.S., U.T. Health Science Center, Memphis - Health Information Management  
 M.S., U.T. Health Science Center, Memphis - Health Informatics/Information Management (2015)  
 Certified Health Data Analyst (CHDA)  
 Certified Professional in Health Informatics (CPHI)  
 Registered Health Information Administrator (RHIA)  
 Certified Coding Specialist (CCS)

JACOBS, STACY, *Professor of Art and Coordinator, Computer Art and Design*  
 B.A., Austin Peay State University - Fine Arts  
 M.F.A., University of Tennessee - Fine Arts (2002)

JENKINS, PATRICIA, *Professor of Nursing and Dean of Health Sciences*  
 B.S.N., University of Tennessee - Nursing  
 M.S.N., University of Tennessee - Nursing  
 Ed.D., University of Tennessee - Educational Administration & Policy Studies (2001)  
 Registered Nurse

JONES, JOHNNY, *Associate Professor of Exercise Science, Health and Wellness and Department Coordinator*  
 A.A., Martin College-Health/Physical Education  
 B.S., Middle Tennessee State University - Physical Education  
 M.S.S., United States Sports Academy - Fitness Management  
 Licensed Tennessee State Paramedic Instructor/Coordinator (P/IC)  
 National Registered Emergency Medical Technician - Paramedic (NREMT-P)  
 Critical Care Paramedic

JONES, MICHELLE, *Associate Professor and Clinical Coordinator, Dental Hygiene Program*  
 B.S., East Tennessee State University - Community Health (1978)  
 Registered Dental Hygienist (RDH)

KING, ANDREA, *Instructor of Biology*  
 B.S., East Tennessee State University - Biology  
 M.S., University of Tennessee - Theory and Practice in Teacher Education (2006)

KISER, JERRI JOHNSON, *Assistant Professor and Distance Education Academic Fieldwork Coordinator*  
 B.S., Eastern Kentucky University, Occupational Therapy (1993)  
 Licensed and Registered Occupational Therapist (OTR/L)

LAMAN, MICHAEL A., *Professor and Director, Allied Health Sciences Program*  
 B.S., University of Central Florida - Respiratory Therapy  
 M.S., Indiana University, Purdue University at Indianapolis-Allied Health Education  
 Ph.D., University of North Texas-Higher Education Administration (1989)

LANE, DAVID, *Middle College Director, Associate Professor of Psychology*  
 B.S., Middle State University - GeoScience  
 M.A., Tennessee Tech University - Health and Physical Education (1997)

LANZA, DONALD L., *Dean, Professor of History*  
 B.A., University of Tennessee at Chattanooga-History  
 M.A., University of Tennessee - History  
 Ph.D., University of Tennessee - History (1991)

LAWSON, ASHLEY, M., *Assistant Professor Mathematics*  
 B.S., Tennessee Technological University - Mathematics  
 B.S., Tennessee Technological University - Mathematics (2015)

LEE, ARTHUR C., *Professor of Geology*  
 B.S., Penn State University - Geosciences  
 M.A., Temple University - Geology  
 Ph.D., University of Southern California-Geology (1993)

LEWIS, ELIZABETH, *Associate Professor and Program Director, Criminal Justice*  
 A.S., Tennessee Technological University - Criminal Justice  
 B.S., Tennessee Technological University - Psychology

M.S., University of Tennessee, Chattanooga - Criminal Justice (1988)

LUCAS, TERESA, *Assistant Professor Nursing*  
B.S., University of Tennessee - Engineering  
MSN., University of Tennessee (1993)

LUGGIE, BRENDA M., *Professor of Music/Choral Director*  
B.M., University of Akron  
M.M., Ohio University-Music (2001)

MABRY, MARIANNA, *Associate Professor and Director, Pharmacy Technician Program*  
B.B.A., East Tennessee State University - Marketing and Spanish (1982)  
Certified Pharmacy Technician (CPhT)

MAGILL, DEBORAH, R., *Assistant Professor of Speech*  
B.A., Auburn University - Communications  
M.A., Auburn University – Communications (1991)

MANIS, TERESA, *Assistant Professor and Clinical Coordinator, Radiologic Technology Program*  
A.S., Asheville-Buncombe Technical Community College-Radiologic Technology  
B.S., East Tennessee State University - Radiography (2011)  
Registered Radiologic Technologist RT (R)

MARSH, LINDA, *Assistant Professor and Director, Healthcare Documentation Specialist Program*  
A.S., Steed College-Medical Secretarial Science  
B.S., College of St. Scholastica - Health Information Management (2012)  
Registered Health Information Technician (RHIT)

MASCARO, MARILYN L., *Associate Professor of English*  
B.S., University of Tennessee - English  
M.A., University of Tennessee - English (1984)

MEGHABGHAB, GEORGE, *Professor of Computer Science*  
B.S., Institut Supérieur d' Electronique du Nord, Lille, France-Computer Engineering  
M.S., University of Pierre et Marie Curie, Paris, France - Computer Science  
Ph.D., University of Pierre et Marie Curie, Paris, France - Computer Science  
Ph.D., Florida State University-Computer Science (1988)

MILES, DEBORAH L., *Associate Professor of Mathematics*  
B.S., Louisiana State University - Mathematics Education  
M.M., University of Tennessee - Mathematics (1990)

MILLER, JILLIAN, M., *Assistant Professor of Mathematics*  
B.A., Keene State College - Pure Mathematics  
M.S., University of Tennessee, Knoxville - Mathematics (2014)

MILLER, JIMMY E., *Assistant Professor of Mathematics*  
B.S., University of Tennessee, Knoxville - Mathematics  
M.S., University of Tennessee, Knoxville - Mathematics Education  
M.S., University of Tennessee, Knoxville - Mathematics (2013)

MILLER, SUSANNA C., *Associate Professor of Education*  
A.S., Roane State Community College - General  
B.A., Brigham Young University - History  
M.A., Tennessee Technological University - Curriculum and Instruction (2009)

MONDAY, RALPH, *Professor of English*  
B.S., University of Tennessee - English Education  
M.A., University of Tennessee - British and American Literature  
Ed.D., Northcentral University - Educational Leadership (2012)

MOORE, JOZIE, *Assistant Professor of Nursing*  
A.S.N., Lincoln Memorial University

B.S.N., Western Governor's University  
M.S.N., Western Governor's University  
Registered Nurse

MORTON, REBECCA, *Instructor and Program Director, Vision Care Technology*  
A.A.S., Roane State Community College, Opticianry  
B.A., Alfred University, Alfred NY, Comparative Cultures/Bible 2001

NAIR, JAYME, W., *Assistant Professor of English*  
B.A. - University of Tennessee – Classics (Latin Concentration)  
B.A. – University of Tennessee – English Literature  
M.A. – University of Tennessee – English Literature (2013)

NESBIT, RANDY, *Associate Professor of Business, Men's Basketball Coach, Athletic Director*  
B.S., The Citadel - Business Administration  
M.B.A., The Citadel (1986)

NEWBERRY, NIKKI, *Assistant Professor, Health Information Management Program*  
A.S., Roane State Community College - Medical Records  
B.S., Tusculum College - Organizational Management (2006)  
Registered Health Information Technician (RHIT)

NOTO, JOHN J, *Assistant Professor of Biology*  
B.A., Maryville College - Biochemistry  
Ph.D., University of North Carolina at Chapel Hill - Genetics and Molecular Biology (2017)

OGLE, DONNA, *Assistant Professor of Nursing*  
A.S., Dalton State College  
B.S.N., Middle Tennessee State University  
M.S.N., Middle Tennessee State University (2017)

PALMER, ALMA RUTH, *Associate Professor of Nursing*  
B.S.N., Western Carolina University -Nursing  
M.S.N., East Tennessee State University - Nursing (2008)  
Registered Nurse

PASTOR, SYLVIA, *Assistant Professor of Chemistry*  
B.S., Marist College - Chemistry  
M.S., University of California - Chemistry  
Ph.D., University of California - Chemistry (2003)

PEAVYHOUSE, MYRA K., *Professor of English, Dean of Humanities Division*  
A.S., Roane State Community College - Biology  
B.S., Tennessee Wesleyan College - Biology  
B.A., Tennessee Wesleyan College - English  
M.A., East Tennessee State University - English  
Ed.D., University of Tennessee - Educational Administration and Policy Studies(2002)  
Certified Developmental Education Specialist

PLUMLEE, DONNA W., *Assistant Professor and Director, Polysomnography Program*  
A.A.S., Draughons Junior College - Business (1985)  
Registered Polysomnographic Technologist (RPSGT)  
Registered Electroencephalographic Technologist (REETG)

RAHMANIAN, M. SAEED, *Professor of Biology*  
B.S., University of Tennessee - Animal Science  
M.S., University of Wyoming - Reproductive Physiology  
Ph.D., Louisiana State University - Animal Science (1996)

RAINES, B. DIANE, *Professor of English*  
B.S., University of Tennessee - English Education  
M.A., Tennessee Technological University-English (1995)  
Ed.D., University of Tennessee - Instructional Technology and Educational Studies (2003)

RATH, DAVID E., *Associate Professor of Business*

A.A.S., Genesee Community College - Travel & Tourism

B.S., State University College at Buffalo - Marketing and Distributive Education

M.S., State University College at Buffalo - Multi Disciplinary Studies (1982)

ROBERSON, VALERIA, *Associate Professor of Speech and Theatre*

B.A., Berea College - History

M.F.A., University of Tennessee - Theatre (1991)

SAIN, SUSAN J., *Associate Professor and Academic Fieldwork Coordinator; Occupational Therapy Assistant Program*

B.S., University of Wisconsin - Occupational Therapy

M.S., University of Tennessee - Health Education/Promotion (1995)

Licensed and Registered Occupational Therapist (OTR/L)

SCHOOLFIELD, ABIGAIL E., *Assistant Professor of English*

B.A., Bob Jones University – History

M.A., Bob Jones University - English (2010)

SCHRAMM, WILLIAM, *Professor of Economics*

B.S., Rensselaer Polytechnic Institute - Geology

M.S., Louisiana State University - Geology

M.B.A., University of Texas - Concentration in Environmental Economics

Ph.D., University of Tennessee - Ecology (1997)

SEXTON, JEFF, *Associate Professor of Mathematics*

B.S., Tennessee Technological University - Business Administration

M.A., Tennessee Technological University - Educational Administration and Supervision (1991)

SEXTON, MARY ANN, *Assistant Professor of Biology*

B.S., Tennessee Technological University - Biology

M.S., University of Nebraska at Kearney - Biology (2016)

SIERGIEJ, PAMELA, *Professor of Biology*

B.A., Seton Hill University - Biology

Ph.D., University of Tennessee - Biomedical Sciences (1994)

SPURGEON, MARCIA M., *Assistant Professor of Nursing*

B.S.N., West Indies College - Nursing

M.S., University of North Carolina at Greensboro - Nursing Administration (1998)

Registered Nurse

STEPHENS, DeANNA, D., *Associate Professor of English*

B.S. - Tennessee Technological University – Secondary Education, English

B.S. - Tennessee Technological University – English, Journalism

B.A. - Tennessee Technological University – English

M.F.A. - George Mason University – Creative Writing (2003)

STERNFELS, RONALD, *Professor of Chemistry*

B.S., City College of New York - Chemistry

M.S., University of Rochester - Chemistry

M.B.A., University of New Haven - Business (1987)

Ph.D., New York University - Chemistry (1976)

STILES, SAUNDRA, *Associate Professor and Program Director; Early Childhood Education*

B.A., University of Maryland University College - Psychology

M.A., University of Concordia - Early Childhood Education (2005)

STRYK, THEODORE, *Associate Professor of Philosophy and English*

B.A., Carson Newman College - Religion and Philosophy

M.A., University of Tennessee - Philosophy

M.A., Northern Arizona University - English (2006)

STUTTS, DUSTIN, K., *Assistant Professor of Biology*  
B.S., University of Tennessee - Biological Sciences  
M.S., University of Tennessee - Biochemistry, Cellular and Molecular Biology (2010)

TURNER, MARILYN, *Assistant Professor of Nursing*  
B.S.N., Liberty University  
M.S.N., King University  
Registered Nurse

VOWELL, MARIBETH, *Associate Professor and Program Director, Physical Therapist Assistant Program*  
B.S., Physical Therapy (with Honors), University of Tennessee Memphis-Health Science Center  
M.S., University of Tennessee Knoxville - Public Health  
Ed.D., University of Tennessee Knoxville - Teacher Education (2004)  
Licensed Physical Therapist (PT)

WARD, A. STEVEN, *Associate Professor of Chemistry*  
B.A., West Virginia University - Chemistry  
M.S., West Virginia University - Chemistry (1985)

WATERS, MATTHEW, *TV Station Manager-Channel 15 and Associate Professor of Mass Communications*  
B.S., University of Tennessee - Communications  
M.S., University of Tennessee - Communications  
Ed.D., East Tennessee State University - Educational Leadership (2016)

WEAVER, ELIZABETH A., *Assistant Professor of Mathematics*  
B.A., Carson-Newman College - Mathematics  
M.A., Wake Forest University - Mathematics (2008)

WIBKING, KATHRYN, *Assistant Professor Biology*  
B.S., University of Tennessee-Ecology and Evolutionary Biology  
B.S.N., University of Tennessee - Nursing  
D.V.M., University of Tennessee - Veterinary Medicine (2010)

WILKERSON, BRYAN S., *Professor of Art*  
B.F.A., University of Tennessee - Ceramics  
M.F.A., University of Tennessee - Ceramics (1999)

WILLIAMS, KELLY, *Assistant Professor of Chemistry*  
B.S., University of Western Ontario – Chemistry  
Ph.D., McMaster University – Chemistry (2017)

WINDHAM, DONALD L., *Professor of Psychology*  
A.A., Macon College - Social Science and Psychology  
B.S., Berry College - Psychology  
Ph.D., University of Tennessee - Psychology (1989)

WURTH, PATSY, *Associate Professor and Program Director, Geographic Information Systems and Geography*  
B.S., Murray State University - Occupational Safety and Health  
M.S., Murray State University - Geography/Geosciences (1991)

YARNELL, REBECCA, *Assistant Professor of Nursing*  
B.S.N., University of Tennessee  
M.S.N., University of Tennessee  
Registered Nurse

YORK, DARREN, *Assistant Professor of Psychology*  
A.A., Roane State Community College  
B.A., Tennessee Technological University - English  
M.A., Austin Peay State University - Psychology (1996)

YOUNG, MARTIN, *Associate Professor, EMT-Paramedic Program*  
B.A., Mississippi State University - Communications (1989)  
Licensed Tennessee State Paramedic Instructor/Coordinator (P-I/C)

ZHANG, Z. STEVEN, *Associate Professor of Computer Science*  
 B.S., Jilin University - Physics  
 M.S., Chinese Academy of Sciences-Solid State Physics  
 M.Eng., National University of Singapore-Electrical Engineering  
 M.S., Mississippi State University - Computer Science  
 Ph.D., University of California Irvine - Electrical and Computer Engineering (2007)

#### **PRESIDENT EMERITUS**

GOFF, GARY, *President Emeritus, 2012*  
 B.S., Middle Tennessee State University - Political Science  
 M.B.A., Southwest Missouri State University - Management  
 Ed.D., University of South Florida - Education Leadership (2004)

#### **PROFESSOR EMERITUS**

BOULDIN, C. LARRY, *Professor Emeritus, 2016*  
 B.A., David Lipscomb College - Mathematics  
 M.S., Middle Tennessee State University - Mathematics  
 Ed.D., University of Tennessee - Curriculum and Instruction, Mathematics Education (1982)

MINTER, ANNE P., (Deceased), *Professor Emeritus, 1988*  
 B.S., Georgia College at Milledgeville - Chemistry  
 M.A., Duke University - Micro-biology  
 Ed.D., University of Tennessee-Science in Higher Education (1973-1988)

GLOVER, IRVING T., (Deceased), *Professor Emeritus, 2003*  
 B.S., University of North Carolina-Science Education  
 M.Ed., University of North Carolina-Education  
 Ph.D., University of Virginia-Chemistry (1964)

HOWARD, BENJAMIN S., (Deceased), *Professor Emeritus, 2003*  
 B.A., University of Tennessee - English  
 M.A., University of Tennessee - German  
 Ph.D., University of Georgia - Comparative Literature (1972)

KIRKPATRICK, MELVIN A., *Professor Emeritus, 2004*  
 B.S., Tennessee Technological University -Mathematics, Secondary Education  
 M.S.T., Middle Tennessee State University - Mathematics  
 Ed.D., University of Tennessee — Curriculum and Instruction, Mathematics Education (1978)

CHARTON, FRANK (PETE), *Professor Emeritus, 2008*  
 B.A., George Peabody College - Social Studies  
 M.A., Michigan State University - Geography  
 Ph.D., Michigan State University - Geography (1972)

MANNING, WANDA H., *Professor Emeritus, 2008*  
 A.S., Roane State Community College - Education  
 B.S., Tennessee Technological University - Secondary Education, Biology  
 M.S., Tennessee Technological University -Secondary Education  
 Ed.D., University of Tennessee-Curriculum and Instruction (1997)

SMITH, CHARLES E., (Deceased), *Professor Emeritus, 2012*  
 Ed.D., University of Tennessee - Educational Administration (1981)

BAILEY, PATRICIA. *Professor Emeritus, 2013*  
 A.S., Roane State Community College-General  
 B.A., University of Tennessee - Biology  
 M.S.S.W., University of Tennessee - Social Work  
 Ph.D., University of Tennessee - Instructional Theory and Practice in Mathematics (1996)



BROWN, PATRICIA, *Professor Emeritus, 2013*

A.S., Roane State Community College - Secondary Education/Mathematics

B.S., Tennessee Technological University -Secondary Education/Mathematics

M.S., Tennessee Technological University - Secondary Education

Ed.D., University of Tennessee - Curriculum and Instruction/MathematicsEducation (1996)

MURRAY, WILLIAM. *Professor Emeritus, 2013*

B.S. University of Cincinnati - Chemical Engineering

M.S., University of Tennessee - Chemical Engineering (1970)

CONDON, JAMES B., *Professor Emeritus, 2015*

A.B., State University of New York at Binghamton

Ph.D., Iowa State University (1968)

FISHER, BRUCE., *Professor Emeritus, 2015*

B.S., Lincoln Memorial University - Biology

M.S., University of Tennessee - Zoology

Ph.D., University of Tennessee - Zoology (1974)

MILLER, DONALD E., *Professor Emeritus, 2015*

B.S., Brigham Young University - Youth Leadership

B.A., Brigham Young University - Archaeology

M.A., Brigham Young University -Archaeology

Ph.D., University of Tennessee - Education (1987)

PUCKETT, DAVID, *Professor Emeritus, 2016*

B.S., Tennessee Technological University - Accounting

M.B.A., Middle Tennessee State University - Business

Ed.D., North Carolina State University - Adult and Community College Education (1994)

THOMAS, JOHN K., (Deceased), *Professor Emeritus, 2018 (Awarded Posthumously)*

B.S., Austin Peay State University - History

M.A., Austin Peay State University - History

Ph.D., University of Tennessee - History (1990)

## FACULTY EMERITUS

HOLDER, MABRE M., (Deceased), *Faculty Emeritus, 2003*

B.S., Middle Tennessee State University - Business (Marketing)

M.B.A., Middle Tennessee State University -Business (Marketing) (1974)

KRING, JAMES B., *Faculty Emeritus, 2007*

B.A., Maryville College - Biology

M.S., University of Tennessee - Botany (1965)

GARNER, SUSAN, *Faculty Emeritus, 2008*

B.S., Middle Tennessee State University - Health, Physical Education, Recreation

M.Ed., Middle Tennessee State University - Health, Physical Education, Recreation (1974)

HOAGLAND, JUDY K., *Faculty Emeritus, 2008*

B.S., Middle Tennessee State University - Political Science

M.A., University of Tennessee - Political Science (1973)

HOWARD, REBECCA (BECKY) M., *Faculty Emeritus, 2008*

B.S., North Carolina State -Mathematics

M.A.M., North Carolina State - Mathematics (1968)

PHILLIPS, BARBARA (Deceased), *Faculty Emeritus, 2008*

B.S., St. Bonaventure University - Math

M.S., St. Bonaventure University - Mathematics Education (1973)

POWERS, ANNE S., *Faculty Emeritus, 2008*  
B.F.A., University of Tennessee - Painting  
M.S., University of Tennessee - Art Education  
M.F.A., University of Tennessee - Graphic Design (Computer Enhanced Design) (1995)

HOAGLAND, WILLIAM M., (Deceased), *Faculty Emeritus, 2011*  
M.S.S., University of Mississippi-History (1966)

ANDREWS, REBECCA L., *Faculty Emeritus, 2012*  
M.S., Oklahoma State University - Accounting (1967)  
C.P.A., State of Tennessee

BARTH, ROBERT C., *Faculty Emeritus, 2012*  
B.S., Union University - Mathematics  
M.S., University of Tennessee - Mathematics Education (1978)

BROWN, JAMES E., *Faculty Emeritus, 2012*  
B.A., Athens College - Art  
M.A., University of Alabama - Art (1966)

KNOX, JAMES M., *Faculty Emeritus, 2012*  
B.S., Tennessee Technological University - Secondary Education, French  
M.A., Tennessee Technological University - English (1978)

SMITH, BILLY L., (Deceased), *Faculty Emeritus, 2012*  
M.M., University of Tennessee - Mathematics (1974)

THAIS, DAVID F., *Faculty Emeritus, 2012*  
M.B.A., Indiana State University - Business Administration (1974)

CORDELL, SHARON, *Faculty Emeritus, 2013*  
B.S., Cumberland College - Education/English  
M.S., Tennessee Technological University - Education/Reading (1974)

BORIN, BRUCE L, (Deceased), *Faculty Emeritus, 2015*  
B.S., University of Nebraska - Education  
M.A., East Tennessee State University-English and Speech (1975)

POULIN, GERALD D., *Faculty Emeritus, 2015*  
B.A., Middle Tennessee State University - French and English  
M.A.C.T., Middle Tennessee State University - English (1971)

SEATON, MARY SUZIN, *Faculty Emeritus, 2015*  
B.S., Middle Tennessee State University - English  
M.A., Middle Tennessee State University - English (1977)

SPITZER, PRISCILLA W., *Faculty Emeritus, 2015*  
B.S.N. Emory University – Nursing  
M.N., Emory University - Adult Health Nursing (1977)  
Registered Nurse

TEETER, W. SCOTT, *Faculty Emeritus, 2015*  
B.S., Eastern Kentucky University - Law Enforcement  
M.S., Eastern Kentucky University - Criminal Justice Education (1976)

WORKS, LARRY P., *Faculty Emeritus, 2015*  
B.S., East Tennessee State University - Health and Physical Education  
M.S., University of Montana - Health, Physical Education and Psychology (1968)

CHITWOOD, DORIS, *Faculty Emeritus, 2016*  
B.S., Cumberland College-Mathematics  
M.A., Cumberland College-Secondary Education  
Ed.S., Tennessee Technological University - Administration and Supervision (1987)

EASTRIDGE, DARRELL M, *Faculty Emeritus, 2016*

A.S., Cleveland State Community College

B.A., Ottawa University-Health Care and Education

M.A.T., Carson Newman College

Ed.S., Lincoln Memorial University - Curriculum Instruction (1994) Certified Respiratory Therapy Technician (CRTT)

JORDAN-HENLEY, JENNIFER, *Faculty Emeritus, 2017*

B.S., Middle Tennessee State University - English

M.A., Middle Tennessee State University - English Literature (1988)

WADDLE, JOETTE, (Deceased), *Faculty Emeritus, 2017*

B.A., Tennessee Technological University - English

B.S., Tennessee Technological University - Secondary Education

M.A., University of Tennessee-English (1985)

HARJALA, DAVID, *Faculty Emeritus, 2018*

B.S. Northern Michigan University - Physics

M.A., Northern Michigan University - Mathematics Education (1980)

## Adjunct Faculty

The adjunct faculty listed have served Roane State Community College for five or more years.

ADKISSON, MICHELLE., *Speech*

A.S., Roane State Community College

B.S., Tennessee Technological University – Sociology

M.A., Austin Peay State University – Communications (2014)

ALLRED, TRACY, *Psychology*

Ph.D., University of Louisville - Psychology (1991)

ARMES, NICHOLAS *Paralegal*

J.D., Appalachian School of Law (2013)

AYERS, KATHRYN *College Learning Strategies*

M.A., University of Montevallo - Education (1995)

BARRIGA, MARIA, *Spanish*

Ph.D., University of Tennessee - Spanish (1991)

BASSETT, DONNA, *Mathematics*

M.S., University of Tennessee – Knoxville – Mathematics (1991)

BELOW, QUENTIN, *Accounting*

M.B.A., Golden Gate University - Graduate Business (2008)

BENSEY, MEG., *English*

M.A., University of Tennessee – English (1988)

BRADSHAW, David, *Business*

M.S., University of Tennessee - Business Administration (1993)

BRASKI, DAVE, *PSCI*

M.S., Virginia Polytechnic Institute - Metallurgical Engineering (1965)

BRIDGES, Nancy, *College Learning Strategies*

M.S., Trevecca Nazarene College - Education (1991)

M.S., Tennessee Technological University - Education Psychology (1991)

BROWN, KYRA, *Health Information Technology*

B.S., Tusculum College, Organizational Management (2000)

BUCK, VELMA, *Mathematics*

M.A., Vanderbilt University - Mathematics (1968)

BUTCHER, KATHLEEN, *Health*

M.P.H., San Diego State University - Public Health (2006)

COOPER, STEPHANIE., *Philosophy*

M.A., Liberty Baptist Theological Seminary – Theological Studies

M.DIV., Liberty Baptist Theological Seminary – Biblical Studies (2011)

CRANK, DALE P., *Learning Support Mathematics*

B.S., Carthage College – Education (1976)

CRAZE, LARRY, *Management*

M.S., University of Tennessee - Technological and Adult Education (1994)

CROMWELL, Crystal, *Early Childhood Education*

M.S., Middle Tennessee State University - Early Childhood Education (2012)

CROWELL, GABRIEL, *History*

M.A., University of Tennessee - Knoxville - European History (2001)

DAVIS, J.C., *History*

Ed.S., Tennessee Technological University - Education (1982)

DAVIS, JEFF., *English*

M.S., University of Tennessee – Education & English Education (2001)

DAVIS, MICHAEL, *Law*

J.D., Memphis State University – Law (1986)

DEARING, LARRY., *Speech*

M.A., University of Tennessee – College Teaching, Speech & Theatre (1973)

DRISKILL, JENNIFER., *English*

M.A., Clemson University – English (2002)

DUNN, PAMELA., *Reading*

Ph.D., Tennessee Technological University – Education & Exceptional Learning (1974)

FICKEY, TINA, *Health Information Technology*

A.S., Roane State Community College (1983)

FIELDS, ANNELL S., *Biology*

M.A.T., Vanderbilt University (1980)

FIELDS, DAVID E., *Astronomy*

Ph.D., University of Wisconsin - Solid State Physics (1972)

FOLTZ-GRAY, DANIEL A., *English*

B.A., University of Pennsylvania - English Literature

M.A., University of Chicago - English (1974)

FRAGOPOULOS, PEGGY, *English*

M.A., Tennessee Technological University - English (1982)

GARMON, JEAN, *Mathematics*

B.S., Tennessee Technological University - Engineering (1979)

GARMON, JOSEPH, *Mathematics*

B.S., Middle Tennessee State University - Chemistry (1967)

GLENN, BETTY, *Business and Computer Science*

M.B.A., Tennessee Technological University - Business Administration (1989)

GOGGIN, MIKE, *Opticianry*

B.A., State University of New York at Buffalo - Anthropology (1975)

A.A.S., Erie Community College - Ophthalmic Dispensing

GURLEY, BRADLEY M., *Biology*

M.D., University of Memphis - Medicine (1990)

HACKWORTH, JESSICA, *Physical Education*

M.S., East Tennessee State University (2011)

HAGGSTROM, ROBERT, *Physical Education and Health*

M.A., Morehead State University - Health, Physical Education, and Recreation (1974)

HAMILTON, NANCY, *Psychology*

Ed.S., Tennessee Tech University - Educational Psychology (2014)

HAMLET, Tracy, *Geographic Information Systems*

B.S., Tennessee Technological University-Geology (1998)

HEYS, David, *Business*

M.S., Western Michigan University - Business Administration/Management (1971)

HILL, MICHAEL, *English*

M.A., University of Tennessee - Knoxville - English (1991)

HINKLE, REGINA, *Nursing*

MS ED., Capella University (2014)

M.S.N., University of Tennessee - Nursing

HORNER, WILLIAM, *Mathematics*

B.S., University of Tennessee, Knoxville – Civil Engineering (1977)

HUMPHREY, DENNIS, *Criminal Justice*

J.D., Nashville School of Law - Law (1981)

HUMPHREYS, JAMES, *History*

M.A., University of Tennessee - History (2014)

JEFFERS, JODI, *Mathematics*

M.M., University of Tennessee - Mathematics (1990)

JENKINS, ANTHONY, *Biology*

D.V.M., Auburn University (1968)

JENKINS, JEFFERY, *Psychology*

M.A., University of Tennessee, Knoxville-Psychology (1994)

JENNINGS, JENNIFER, *Early Childhood Education*

M.S., University of Tennessee, Knoxville - Early Childhood Education (2001)

KIDD, RALPH, *Criminal Justice*

M.A., Jacksonville State University - Criminal Justice (1998)

LANDENBERGER, JILL, *Psychology*

M.A., Lesley University – Counseling Psychology (1996)

LOVETT, ERIC, *History*

M.A., Wright State University - History (1997)

MARLOW, LORETTA, *Physical Education*

B.S., Tennessee Technology University – Physical Education (1979)

MCCROSKEY, Stanley, *Criminal Justice*

M.S., University of Tennessee Chattanooga - Criminal Justice (1995)

MCDANIEL, JIM., *Speech*

B.S., University of Tennessee - Hotel/Restaurant Administration

M.S., University of Tennessee - Education (1991)

MCNAMARA, Paul, *Physical Education*

M.S., Spring Hill College - Theology (2009)

MILLER, DONALD E., *Anthropology and Sociology*

Ph.D., University of Tennessee-Education (1987)

MIODUSKI, JERRY E., *Mathematics*

M.S., University of Tennessee - Management Science (1999)

MLEKODAJ, MARIANNE., *English*

M.A., University of South Florida – English Education (2002)

MOLCHAN, Rick, *Business and Physical Education*

M.S., Regis University - Business Administration (2006)

PADI Certified Master Scuba Diver Trainer

NAGGE, HAROLD, *Music*

M.M., University of Tennessee-Music (1994)

NEMETH, RUDOLPH, *Music*

M.A., Pedagogical University of Pavol Jozef Safarik Presov Czechoslovakia-Music and Language Education (1976)

NIEMI, SUE, *Physical Education*

B.S., Northern Michigan University - Physical Education (1993)

NORA, PATRICIA, *Business*

M.A.O.M., Tusculum College - Organizational Management (2004)

OLIVE, DONALD., *Philosophy*

PH.D., Southwestern Baptist Theological Seminary – Religious Studies

PH.D., Tulane University – Philosophy (1975)

PALATINUS, DEBORAH, *Biology*

M.S., University of Tennessee - Zoology (1971)

PATE, J. PATRICK, *Art*

M.S., University of Tennessee - Knoxville - Library Information Science (1985)

PEARSON, SUSAN, *Education*

Ed.S., Tennessee Technological University-Supervision & Administration (1997)

PEAVYHOUSE, AMANDA, *Music*

M.M., Georgia State University – Vocal Performance (2008)

PRATER, EUGENE, *History*

M.S., Austin Peay State University (1973)

PUCKETT, DAVID, *Business/Economics*

Ed.D., North Carolina State University - Adult and Community College Education (1994)

M.B.A., Middle Tennessee State University - Business

RHODES, M. KATHRYN, *Business and Management*

M.S., University of Tennessee-Human Resource Development (2003)

ROSSI, JENNIFER, *Health*

M.S., Indiana State University - Athletic Training (2002)

ROTELLINI, LANA J., *Philosophy*

M.A., Antioch University McGregor (2006)

- SAFDIE, ROBERT, *Psychology*  
M.A., Middle Tennessee State University - General Clinical Psychology (1976)
- SCHROCK, GISELA, *Art*  
M.S., University of Tennessee, Curriculum and Instruction (Art Education) (1993)
- SELLERS, JAN, *Psychology*  
M.A., Liberty University -Counseling (2004)
- SEXTON, DEBBY, *Education*  
Ed.S., Tennessee Technological University-Administration and Supervision (1992)
- SHLOUSH, MARCIA, *Nursing*  
M.S.N., University of Phoenix - Nursing Education (2008)
- SNELL, JEFF, *Psychology*  
M.S., University of Tennessee, Knoxville-Educational Psychology (1992)
- SUTTLES, BARBARA, *Philosophy*  
M.P.S., Loyola University (2002)
- TEAGUE, ROBERT SHANN, *Mathematics*  
M.M., University of Tennessee - Mathematics (1992)
- TERRY, DAN, *Political Science*  
M.A., Tennessee Technology University - Instructional Leadership (2001)
- TERRY, JASON, *Physical Education*  
Ed.S., Tennessee Technological University - Physical Education (2005)
- THOMASON, SARAH K., *English*  
M.S., University of Tennessee - English Education (1974)
- VOLKERS, K. CHAD, *Music*  
M.M., University of Tennessee - Knoxville - Music (2003)
- VOLKERS, KENNETH C., *Music*  
M.M., University of Tennessee – Music & Jazz (2003)
- WALLS, GLENDA., *Speech*  
M.A., Tennessee Technological University – Instructional Leadership (2006)
- WARD, DIANE, *Education*  
Ph.D., Capella University - Education/Instructional Design for Online Learning (2009)
- WATTS, GARRY., *Reading*  
M.A., Tennessee Technological University – Education & Reading (1978)
- WEST, WILLIAM, *Nursing*  
M.S.N., University of Tennessee - Nursing (1998)
- WHALEY, CHRISTOPHER L., *Paralegal and Political Science*  
J.D., University of Tennessee College of Law-Law (1994)
- WILSON, SHARON, *Speech*  
M.A., Tusculum College - Education (Organizational Training & Education) (2004)
- WORKS, LARRY, *Psychology*  
M.S., University of Montanan - Health Physical Education and Psychology (1968)
- WRIGHT, Danny, *Criminal Justice*  
M.S., University of North Georgia - Criminal Justice (2013)
- WRIGHT, KAREN, *Early Childhood Education*

M.A., Tennessee Technological University - Curriculum and Instruction (2011)

YAGER, KEN, *Paralegal*  
J.D., Memphis State University College of Law - Law

YOUNG, MARK, *Geographic Information Systems*  
M.S., Virginia Polytechnic Institute and State University-Forestry and Forest Products (1990)

# Publication Statement

## **Weapons on Campus (felony)**

State law prescribes a maximum penalty of six (6) years imprisonment and a fine not to exceed three thousand dollars (\$3,000) for carrying a weapon on school property. "A...state or federal government entity or agent thereof is authorized to prohibit possession of weapons by any person at meetings conducted by, or on the premises owned, operated, managed or under control of such...government entity." (TCA §39-17-1309).

## **Smoking & Tobacco Products Use – RSCC Policy GA-21-01**

Roane State Community College has established, as allowed by legislation, a policy on smoking and use of tobacco products on campus. This policy is as follows:

1. Smoking is permitted outside of buildings in designated locations. Appropriate signage and ash urns will be provided at these locations. Smoking is not permitted within fifteen (15) feet of any building entrance except where physical layout does not permit.
2. Smoking or use of other tobacco products is prohibited inside any building or college vehicle.
3. Enforcement of this policy for staff will be the primary responsibility of supervisors. Security officers/guards will be responsible for enforcement at public events. Student offenders will be referred to the Assistant Vice President of Student Services/Dean of Students if disciplinary action is deemed necessary. All college personnel have the authority to enforce this policy.
4. This policy will be widely communicated through standard institutional communication channels.

## **Drug Free Environment – RSCC Policy GA-21-03**

Roane State Community College supports the provisions of the Drug Free Workplace Act of 1988 (41 U.S.C. 701, et.seq.) and the Drug-Free Schools and Communities Act Amendments of 1989 (20 U.S.C 3171, et. seq.). Full details of this law and its provisions can be found at [www.roanestate.edu/deanofstudents](http://www.roanestate.edu/deanofstudents).

## **Sexual Harassment – RSCC Policy PA-02-01**

Sexual harassment and racial harassment have been held to constitute a form of discrimination prohibited by Title VII of the Civil Rights Act of 1964, as amended and Title IX of the Educational Amendments of 1972. The institution may be held liable pursuant to Title VI or Title VII and/or lose federal funds pursuant to Title IX for failure to properly investigate and remedy claims of sexual or racial harassment. For the complete Harassment policy, visit [www.roanestate.edu/deanofstudents](http://www.roanestate.edu/deanofstudents).

For more information you can also call toll free 1-866-462-7722 ext. 4550 or 865-882-4550.

Roane State Community College is one of 46 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system, which is comprised of six universities, thirteen two-year colleges, and twenty-six Tennessee Technology centers. The TBR system enrolls more than 80 percent of all Tennessee students attending public institutions of higher education.

Roane State Community College does not discriminate on the basis of race, color, religion, creed, ethnicity or national origin, sex, disability, age, status as protected veteran or any other class protected by Federal or State laws and regulation and by Tennessee board of Regents policies with respect to employment, programs, and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies: Odell Fearn, Director of Human Resources/Affirmative Action, [humanresources@roanestate.edu](mailto:humanresources@roanestate.edu), 276 Patton Lane, Harriman, TN 37748, (865) 882-4679. The Roane State policy on nondiscrimination can be found at [www.roanestate.edu/nondiscrimination](http://www.roanestate.edu/nondiscrimination).

The institution complies with Titles VI, VII and IX, the Americans with Disabilities Act, the Rehabilitation Act of 1973 and all other applicable federal, state and local statutes.



# Academic Calendar

## 2019 Fall Semester

### Full Term

Web Registration Begins	Monday	April 1, 2019
Faculty Report	Monday	August 19
Last Day for 100% Refund for Full Term	Sunday	August 25
Classes Begin	Monday	August 26
Labor Day Holiday	Monday	September 2
Last Day to Drop/Withdraw Without a Grade of "W"	Sunday	September 8
Last Day for 75% Refund for Full Term	Sunday	September 8
Last Day for 25% Refund for Full Term	Sunday	September 22
Fall Break	Monday-Tuesday	October 14-15
Graduation Applications for Fall Due	Friday	October 25
Last Day to Withdraw from Classes	Monday	November 4
Last Day to Change from Credit to Audit	Monday	November 4
Thanksgiving Holiday	Wednesday-Sunday	Nov 27-Dec 1
Last Day of Classes	Monday	December 9
Examination Period	Tuesday-Thursday	December 10-12
Grades Due - Noon	Friday	December 13

### Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Sunday	August 25
<b>Term I Begins</b>	Monday	August 26
Last Day for 75% Refund for Term I	Friday	August 30
Labor Day Holiday	Monday	September 2
Last Day for 25% Refund for Term I	Wednesday	September 4
Last Day to Withdraw from Term I	Wednesday	September 18
<b>Term I Ends</b>	Monday	September 30
Last Day for 100% Refund for Term II	Monday	September 30
<b>Term II Begins</b>	Tuesday	October 1
Last Day for 75% Refund for Term II	Saturday	October 5
Last Day for 25% Refund for Term II	Thursday	October 10
Fall Break	Monday-Tuesday	October 14-15
Last Day to Withdraw from Term II	Wednesday	October 23
Last Day for 100% Refund for Term III	Tuesday	November 5
<b>Term II Ends</b>	Tuesday	November 5
<b>Term III Begins</b>	Wednesday	November 6
Last Day for 75% Refund for Term III	Sunday	November 10
Last Day for 25% Refund for Term III	Friday	November 15
Thanksgiving Holiday	Wednesday-Sunday	Nov 27-Dec 1
Last Day to Withdraw from Term III	Saturday	November 30
<b>Term III Ends</b>	Thursday	December 12

**First 7 Week Classes – Term I**

Last Day for 100% Refund	Sunday	August 25
Classes Begin	Monday	August 26
Last Day for 75% Refund	Sunday	September 1
Labor Day Holiday	Monday	September 2
Last Day for 25% Refund	Sunday	September 8
Last Day to Withdraw	Friday	September 27
Last Day to Change from Credit to Audit	Friday	September 27
Last Day of Classes	Sunday	October 13

**Second 7 Week Classes – Term II**

Last Day for 100% Refund	Tuesday	October 15
Classes Begin	Wednesday	October 16
Last Day for 75% Refund	Tuesday	October 22
Last Day for 25% Refund	Tuesday	October 29
Last Day to Withdraw	Wednesday	November 20
Last Day to Change from Credit to Audit	Thursday	November 21
Thanksgiving Holiday	Wednesday-Sunday	Nov 27-Dec 1
Last Day of Classes	Monday	December 9

**10 Week Classes – Term I**

Last Day for 100% Refund	Sunday	August 25
Classes Begin	Monday	August 26
Labor Day Holiday	Monday	September 2
Last Day for 75% Refund	Wednesday	September 4
Last Day for 25% Refund	Saturday	September 14
Last Day to Withdraw	Saturday	October 12
Last Day to Change from Credit to Audit	Saturday	October 12
Fall Break	Monday-Tuesday	October 14-15
Last Day of Classes	Tuesday	November 5

**10 Week Classes – Term II**

Last Day for 100% Refund	Monday	September 23
Classes Begin	Tuesday	September 24
Last Day for 75% Refund	Thursday	October 3
Last Day for 25% Refund	Sunday	October 13
Fall Break	Monday-Tuesday	October 14-15
Last Day to Withdraw	Wednesday	November 13
Last Day to Change from Credit to Audit	Wednesday	November 13
Thanksgiving Holiday	Wednesday-Sunday	Nov 27-Dec 1
Last Day of Classes	Monday	December 9

**Winter Term**

Registration Date	Monday	November 11, 2019
Last Day for 100% Refund	Sunday	December 15, 2019
Classes Begin	Monday	December 16, 2019
Last Day for 75% Refund	Friday	December 20, 2019

Last Day for 25% Refund	Thursday	December 26, 2019
Christmas Holiday	Tuesday-Wednesday	December 24-25, 2019
New Year's Holiday	Tuesday-Wednesday	December 31, 2019 - January 1, 2020
Last Day to Withdraw	Saturday	January 4, 2020
Last Day to Change from Credit to Audit	Saturday	January 4, 2020
Last Day of Classes	Thursday	January 16, 2020

Accelerated, 7 Week, 10 Week and Weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the Contemporary Management website for specific dates of each accelerated class. <http://www.roanestate.edu/mgt>

## 2020 Spring Semester

### Full Term

Web Registration Begins	Monday	November 11, 2019
Faculty Report	Monday	January 13
Last Day for 100% Refund for Full Term	Monday	January 20
Martin Luther King Holiday	Monday	January 20
Classes Begin	Tuesday	January 21
Last Day to Drop/Withdraw Without W Grade	Monday	February 3
Last Day for 75% Refund for Full Term	Monday	February 3
Last Day for 25% Refund for Full Term	Monday	February 17
Graduation Applications for Spring Due	Friday	February 28
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw from Classes	Thursday	April 2
Last Day to Change from Credit to Audit	Thursday	April 2
Academic Festival	Friday	April 3
Good Friday Holiday	Friday	April 10
Graduations Applications for Summer Due	Friday	April 24
Last Day of Classes	Monday	May 4
Examination Period	Tuesday-Thursday	May 5-7
Grades Due - Noon	Friday	May 8
Graduation	Friday-Saturday	May 8 & 9

### Accelerated Terms (Five Weeks)

Last Day for 100% Refund for Term I	Monday	January 20
<b>Term I Begins</b>	Tuesday	January 21
Last Day for 75% Refund for Term I	Saturday	January 25
Last Day for 25% Refund for Term I	Thursday	January 30
Last Day to Withdraw from Term I	Wednesday	February 12
<b>Term I Ends</b>	Monday	February 24
Last Day for 100% Refund for Term II	Monday	February 24
<b>Term II Begins</b>	Tuesday	February 25
Last Day for 75% Refund for Term II	Sunday	March 1
Last Day for 25% Refund for Term II	Saturday	March 7
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw from Term II	Monday	March 23

<b>Term II Ends</b>	Monday	April 6
Last Day for 100% Refund for Term III	Monday	April 6
<b>Term III Begins</b>	Tuesday	April 7
Good Friday Holiday	Friday	April 10
Last Day for 75% Refund for Term III	Saturday	April 11
Last Day for 25% Refund for Term III	Thursday	April 16
Last Day to Withdraw from Term III	Monday	April 20
<b>Term III Ends</b>	Thursday	May 7

**First 7 Week Classes – Term I**

Last Day for 100% Refund	Monday	January 20
Classes Begin	Tuesday	January 21
Last Day for 75% Refund	Tuesday	January 28
Last Day for 25% Refund	Wednesday	February 5
Last Day to Withdraw	Thursday	February 27
Last Day to Change from Credit to Audit	Thursday	February 27
Spring Break	Monday-Sunday	March 9-15
Last Day of Classes	Monday	March 16

**Second 7 Week Classes – Term II**

Last Day for 100% Refund	Monday	March 16
Classes Begin	Tuesday	March 17
Last Day for 75% Refund	Monday	March 23
Last Day for 25% Refund	Monday	March 30
Good Friday Holiday	Friday	April 10
Last Day to Withdraw	Monday	April 20
Last Day to Change from Credit to Audit	Monday	April 20
Last Day of Classes	Monday	May 4

**10 Week Classes – Term I**

Last Day for 100% Refund	Monday	January 20
Classes Begin	Tuesday	January 21
Last Day for 75% Refund	Thursday	January 30
Last Day for 25% Refund	Sunday	February 9
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw	Wednesday	March 11
Last Day to Change from Credit to Audit	Wednesday	March 11
Last Day of Classes	Monday	April 6

**10 Week Classes – Term II**

Last Day for 100% Refund	Monday	February 17
Classes Begin	Tuesday	February 18
Last Day for 75% Refund	Sunday	March 1
Last Day for 25% Refund	Wednesday	March 11
Spring Break	Monday-Sunday	March 9-15
Last Day to Withdraw	Thursday	April 2
Last Day to Change from Credit to Audit	Thursday	April 2

Good Friday Holiday	Friday	April 10
Last Day of Classes	Monday	May 4

**Winter Term**

Registration Date	Monday	November 11, 2019
Last Day for 100% Refund	Sunday	December 15, 2019
Classes Begin	Monday	December 16, 2019
Last Day for 75% Refund	Friday	December 20, 2019
Last Day for 25% Refund	Thursday	December 26, 2019
Christmas Holiday	Tuesday-Wednesday	December 24-25, 2019
New Year's Holiday	Tuesday-Wednesday	December 31, 2019 - January 1, 2020
Last Day to Withdraw	Saturday	January 4, 2020
Last Day to Change from Credit to Audit	Saturday	January 4, 2020
Last Day of Classes	Thursday	January 16, 2020

Accelerated, 7 Week, 10 Week and Weekend classes observe the same holidays and breaks as Full Term Classes.

Please refer to the Contemporary Management website for specific dates of each accelerated class. <http://www.roanestate.edu/mgt>

## 2020 Summer Semester

**Expanded Term**

Web Registration Begins	Monday	March 2, 2020
Graduations Applications for Summer Due	Friday	April 24
Last Day for 100% Refund for Expanded Term	Sunday	May 10
Classes Begin	Monday	May 11
Last Day to 75% Refund for Expanded Term	Thursday	May 21
Last Day to Withdraw Without a Grade of W	Sunday	May 24
Memorial Day Holiday	Monday	May 25
Last Day to 25% Refund for Expanded Term	Monday	June 1
Fourth of July Holiday	Friday	July 3
Last Day to Withdraw from Classes	Saturday	July 4
Last Day to Change from Credit to Audit	Saturday	July 4
Last Day of Classes	Friday	July 24
Grades Due – Noon	Monday	July 27

**Maymester**

Last Day for 100% Refund for Maymester	Sunday	May 10
Classes Begin	Monday	May 11
Last Day for 75% Refund for Maymester	Wednesday	May 13
Last day for 25% Refund for Maymester	Saturday	May 16
Last Day to Withdraw from Classes	Friday	May 22
Last Day to Change from Credit to Audit	Friday	May 22
Memorial Day Holiday	Monday	May 25
Last Day of Classes	Friday	May 29

**Full Term**

Last Day of 100% Refund for Full Term	Sunday	May 31
Classes Begin	Monday	June 1
Last Day for 75% Refund for Full Term	Sunday	June 7
Last Day for 25% Refund for Full Term	Sunday	June 14
Fourth of July Holiday	Friday	July 3
Last Day to Withdraw from Classes	Wednesday	July 8
Last Day to Change from Credit to Audit	Wednesday	July 8
Last Day of Classes	Friday	July 24

**First Term**

Last Day for 100% Refund for First Term	Sunday	May 31
Classes Begin	Monday	June 1
Last Day for 75% Refund for First Term	Thursday	June 4
Last Day for 25% Refund for First Term	Monday	June 8
Last Day to Withdraw from Classes	Wednesday	June 17
Last Day to Change from Credit to Audit	Wednesday	June 17
Last Day of Classes	Friday	June 26

**Second Term**

Last Day for 100% Refund for Second Term	Sunday	June 28
Classes Begin	Monday	June 29
Last Day for 75% Refund for Second Term	Thursday	July 2
Fourth of July Holiday	Friday	July 3
Last Day for 25% Refund for Second Term	Monday	July 6
Last Day to Withdraw from Classes	Wednesday	July 15
Last Day to Change from Credit to Audit	Wednesday	July 15
Last Day of Classes	Friday	July 24

**Tn eCampus**

Last Day to Add	Monday	May 25
Last Day for 100% Refund	Monday	May 25
Classes Begin, after 4:00pm Eastern	Tuesday	May 26
Last Day for 75% Refund	Wednesday	June 3
Last Day for 25% Refund	Thursday	June 11
Mid-term Proctoring	Monday - Friday	June 22 - 26
Final Exams (Proctored & Non-Proctored)	Monday - Friday	July 27 - 31
Last Day of Classes	Friday	July 31
Instructor Grades Due	Monday	August 3
Grades Distributed to Campus	Tuesday	August 4

First Term Contemporary Management accelerated courses begin June 1.

Second Term Contemporary Management accelerated courses begin June 29.

Please refer to the Contemporary Management website for specific dates of each accelerated class. <http://www.roanestate.edu/mgt>

# Regulations

## Admission Procedures

### Admission to the College

RSCC can aid in the intellectual development of anyone who wants to take advantage of a high-quality, low-cost, state-supported educational experience. The following sections describe in detail the costs and procedures for admission to Roane State Community College.

The information included in this section of the catalog is provided to guide you through these steps. If you have questions which are not explained, please contact the Student Enrollment and Recruitment Office at (865) 882-4554 or 1-866-GO2-RSCC, ext. 4554. College tours may be scheduled at the Student Enrollment and Recruitment Office or at any off campus location.

Roane State Community College subscribes to the “open door” policy for admissions; however, prospective students must meet the admission requirement for the student classification for which they are seeking admission. If ACT or SAT scores and/or placement assessment results indicate any academic deficiencies, enrollment in certain courses could be limited. Regular admission is granted to those students whose ACT or SAT scores and/or placement results indicate there are no academic deficiencies.

The following general requirements apply, and more specific requirements are found under “General Student Classifications.”

1. Students must graduate from an approved high school, home school or receive a high school equivalency (HSE) diploma and submit to the Admissions Office an official high school transcript or an official copy of HSE scores. Transcripts for graduates from Tennessee public high schools must provide evidence that the student passed the required Tennessee Comprehensive Assessment Program (TCAP) or Gateway.  
*NOTE: The high school transcript must be a regular or honors diploma. A special education diploma or certificate of attendance DOES NOT meet this requirement.*
2. Students must file an application for admission. The application form must have all appropriate spaces completed. Knowingly supplying false information on the application may result in denial of admission or disciplinary action if already admitted.
3. All students must complete the Immunization Health History form. The General Assembly of the State of Tennessee mandates that each public or private postsecondary institution in the state provide information concerning Hepatitis B, Measles, Mumps, Rubella, and Varicella (Chicken Pox) infections to all students enrolling for the first time. Tennessee law requires that these students complete and sign a waiver form provided by the institution which includes detailed information about the diseases. The form must be completed by a parent or guardian of any applicant under the age of 18.
4. All freshman applicants under 21 years of age must submit ACT or SAT scores. Information on the ACT may be obtained from the high school counselor, the Testing Center at RSCC, or by writing to American College Testing, Inc., P.O. Box 168, Iowa City, Iowa 52242. Roane State Community College’s ACT Code Number is 039850. This number should be used to request that scores be sent to RSCC.
5. Provide proof of U.S. Citizenship or lawful presence in the United States.

All correspondence concerning your admission file should be addressed to:

Admissions and Records Office  
Roane State Community College  
276 Patton Lane  
Harriman, Tennessee 37748

A candidate for admission should request application forms early enough to allow ample time for required materials to be forwarded to the Admissions and Records Office.

When all required documents have been received, the applicant will be sent a letter indicating that he/she has been accepted for admission or he/she will be advised by letter that further action is necessary in order to establish eligibility for admission. Applicants will be also advised when to appear for testing, advising, and registration.

The Student Right to Know Act, 34 CFR 668.41, requires all institutions who participate in financial assistance programs under Title IV of the Higher Education Act of 1965 and who award athletically-related student aid to publish the freshmen rate of athletically-related financial aid and the graduation rate or completion rate for all first-time, full-time, degree or certificate seeking freshmen who entered college by fall of 1996 and subsequent years. This information is available upon request from the Admissions and Records Office.

ADDITIONAL ADMISSION AND RETENTION REQUIREMENTS ARE IN EFFECT FOR HEALTH SCIENCE PROGRAMS. PREFERENCE FOR ADMISSION WILL BE GIVEN TO RESIDENTS OF THE STATE OF TENNESSEE.

# Admission Policies for Allied Health Degree Programs

## Admission to the Programs

Due to limited enrollment, there are special admission policies for Allied Health degree programs. The following policies are for: Dental Hygiene, Health Information Management, Medical Informatics, Occupational Therapy Assistant, Physical Therapist Assistant, Radiologic Technology, Respiratory Care, Surgical Technology, and Vision Care Technology. (Admissions policies for Technical Certificate programs can be found on the individual program pages.)

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student *AND*
2. When completing the RSCC Application, select A.S. Degree, Pre-Allied Health Sciences, as your program of study. This will allow you to begin taking those general education courses that meet the prerequisite course requirements to be considered for admission to the allied health science AAS program of your choice.

Pre-Allied Health Sciences is an Associate of Science (AS) degree program that will provide a pathway for students who are currently applying to one or more of the allied health science AAS degree programs including:

Dental Hygiene  
 Health Information Management  
 Medical Informatics  
 Occupational Therapy Assistant  
 Physical Therapist Assistant  
 Radiologic Technology  
 Respiratory Care  
 Surgical Technology  
 Vision Care Technology

3. The applicant must meet one of the following minimum academic requirements:
  - A. Students under 21 years of age must attain a composite score of 20 or above on the ACT taken within the last 3 years OR attain a GPA of 2.50 or better after completion of at least 9 semester hours of general education courses required in the selected degree program.
  - B. Students 21 years of age or older must attain a GPA of 2.50 or better after completion of at least 9 hours of general education courses required in the selected degree program.
4. In addition, applicants must meet the admission requirements as specified for the selected degree program.
  - A. Some degree programs have required prerequisites in addition to the 9 hours of general education courses and/or a minimum GPA greater than 2.50. These prerequisites are listed in the college catalog under the appropriate degree program.
  - B. Some degree programs require an interview, if applicable, before the review date by the Allied Health Programs Admissions Committee.
  - C. Completing math and science courses required in some Allied Health degree programs with a grade of B or better may enhance the applicant selection ranking. Some degree programs have a limitation on the age of required science courses for admission. Completing additional general education courses (i.e. English Composition I, College Mathematics or Statistics, Speech, etc.) may also result in a higher selections ranking.
  - D. All Learning Support requirements must be completed for all degree programs prior to acceptance into the selected program.
  - E. Applicants must be able to physically meet the demands of the job as defined by the discipline, available industry standards and the public's expectations.
  - F. Some degree programs require documented clinical observations or discipline-specific work experiences by the published program deadline. Special consideration may be given to applicants with work experience. Each Program Director requiring clinical observation or discipline-specific work experience will verify clinical observations and/or discipline-specific work experience has been completed satisfactorily.
5. Applicants must complete the electronic Health Sciences Application by the published program deadline (listed below). Go to RaiderNet and click on "Apply for a Health Science Program". When choosing the Planned Course of Study, you may select up to three programs. If a program is not selected as a Planned Course of Study you will not be considered for that program.
6. Each Program Director will complete a list of recommended candidates for admission to their program indicating that all of the general and program admission criteria and required documents have been verified. Final selection of students will be made by the Allied Health Programs Admissions Committee.
7. Students will be notified electronically via RaiderNet email of acceptance to an Allied Health degree program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.



8. Admission to the degree program is required prior to enrolling in Allied Health program discipline-specific courses.
9. The Health Sciences Admissions Advisor will change the major of all accepted students to accurately reflect their program of study. Students may not register for discipline-specific courses until their major has been changed.
10. A student **not** admitted to the allied health degree program of choice, is advised to: (Select one)
  - A. Continue taking courses in the Pre-Allied Health Science curriculum plan and reapply the following year to the allied health program of choice.
  - B. Continue taking courses in the Pre-Allied Health Science curriculum plan and graduate with an Associate of Science degree and transfer to a University.
  - C. Consider one of the Certificate programs in an allied health discipline.
  - D. Change major to another program of study.
11. Meeting minimum qualifications does not guarantee admission to the program of choice. Students that do not meet minimum requirements will only be considered under special circumstances and on a space-available basis. Preference will be given to TN residents.
12. Successful admission and completion of any RSCC health sciences program does not guarantee state licensure and/or national certification to practice as there may be additional state/national criteria required for attainment of various allied health licenses/certifications.

**Criminal Background Checks**

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in Health Sciences programs. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

**Health Guidelines**

Students may be required to undergo a physical exam/health verification prior to enrollment. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled.

**Program Application Deadlines**

In order for applicants to have priority consideration for entrance into the Allied Health programs for the following fall semester, applications should be submitted as follows:

<b>Program</b>	<b>Degree</b>	<b>RSCC Deadline for Fall class</b>	<b>RSCC Deadline for Spring class</b>	<b>RSCC Deadline for Summer class</b>
Dental Hygiene	A.A.S.	February 28		
Medical Coding	Technical Certificate	June 15		
Advanced EMT	Technical Certificate	June 15	October 31	
EMT	Technical Certificate	June 15	October 31	March 31
Health Information Management	A.A.S.	May 15		
Massage Therapy	Technical Certificate	June 15		
Medical Informatics	A.A.S.	May 15	October 31	
Occupational Therapy Assistant	A.A.S.	March 31		
Paramedic	Technical Certificate	June 15		
Pharmacy Tech	Technical Certificate	March 31		
Physical Therapist Assistant	A.A.S.	May 15		
Polysomnography	Technical Certificate	June 15		
Radiologic Technology	A.A.S.	May 15		
Respiratory Care	A.A.S.	May 15		
Surgical Technology	A.A.S.	March 31		
Vision Care Technology	A.A.S.	May 15		

Incomplete applications will not be processed. Any applications received after the published application deadline may be considered by the Program Director on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the appropriate department by the published application deadline.

### Conditional Admission

Students that do not meet minimum requirements may be considered for conditional acceptance status on a space-available basis.

### Retention Policies

A student must maintain the following standards or he/she will be dismissed from his/her respective program.

1. A grade of “C” or better in each specialty course.  
*Notice: some degree programs may have additional retention requirements regarding grades in other courses such as science courses. Please review the specific program description in this catalog, program webpage, or discuss with the Program Director.*
2. Completion of specialty courses as specified by the degree checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must reapply to a subsequent class.
3. Evidence of malpractice insurance and physical examination prior to clinical training.
4. Be physically and mentally capable of performing the essential functions of the program as defined in each program’s Core Performance Standards.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Health Sciences and the Dean of Students.

### Readmission Procedures

1. Students applying for readmission to an allied health program must meet all admission criteria for the selected degree program.
2. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
3. One (1) readmission to an allied health degree program will be permitted.  
*Note: Some degree programs may have a time limitation on discipline-specific or general education courses. This requirement is listed in the program’s admission information located on the program web page. The applicant must meet this requirement, if applicable.*
4. The applicant applying for readmission may be required to interview with the Program Director and other program faculty, if applicable, before the review date by the Allied Health Programs Admissions Committee. Interview requirements are listed on the program webpage.
5. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The Program Director will verify that all readmission documents including licensure/credentials are current and valid.*
6. Readmission to an allied health degree program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or code of ethics violations will not be considered for readmission to any allied health degree program.

# General Student Classifications

## Degree Seeking Student

Applicants who take courses for credit which will apply toward a degree. Categories for degree-seeking students are First-Time College Student, Transfer Student, Readmitted Student, International Student, and Permanent Resident.

### First-Time College Student

A student pursuing a degree at Roane State\* and has never attended college before must complete the following:

1. Submit an application for admission.
2. Submit official high school transcripts or official copy of High School Equivalency (HSE) scores. Transcripts must be mailed directly to the Admissions and Records Office and should include date of graduation as well as verification that the student passed the required proficiency examination.

NOTE: The transcript of a home school student should be an official copy from an affiliated organization as defined by state law (T.C.A. 49-50-801). Transcripts from independent home school students must be accompanied by certification of registration with the superintendent of the

local education agency which the student would otherwise attend. (A form is available upon request from the Admissions and Records Office.) Students unable to provide a satisfactory secondary school credential may substitute acceptable High School Equivalency (HSE) scores.

3. All applicants under 21 years of age will be placed by ACT or SAT scores. Please see the placement chart at the end of this section. Roane State prefers the ACT but will accept the SAT. These scores will be used to determine the areas in which the student will be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.
4. All applicants 21 years of age and older must undergo placement assessment with the Accuplacer Placement Exam. For college-level course entry, Accuplacer students must have a minimum of a 92 in the English subsection, 92 in the Math subsection, and an 85 in the Reading subsection.
5. All students enrolled in Composition I will be evaluated during the first week of classes. Students showing deficiencies will be referred to testing for possible placement in appropriate Learning Support courses.

ACT English**	18-Above	Place in College English	ENGL 1010
	1-17	Place in Writing Learning Support	ENGL 0510 and ENGL 1010 concurrently
ACT Math**	19-Above	Place in College Level Math	
	1-18	Place in Mathematics Learning Support	MATH 0530 and MATH 1530 concurrently <i>OR</i> MATH 0900 and MATH 1000 concurrently
ACT Reading	19-Above	Place in College Level Courses	
	1-18	Place in Reading Learning Support	READ 0562 and HUM 262 or PSYC 1030 concurrently

\* If you were dual-enrolled in college while still in high school and have not attended college AFTER high school graduation, then you would be considered as a *new freshman*, regardless of the number of college hours earned with dual-enrollment.

\*\*SAT English 450-Above; SAT Math 460-Above

Detailed information about placement based on ACT and Accuplacer scores may be found on the Learning Support website

## Transfer Student

A degree-seeking applicant who has attended another college or university will be considered a transfer student.

1. Submit an application for admission.
2. Transcripts from all previously attended institutions should be mailed directly to the Admissions and Records Office. Transcripts are not accepted from students. An evaluation of college credit will be completed. An official high school transcript or High School Equivalency (HSE) scores must also be submitted. Until official copies of all college transcripts have been received and evaluated by the Admissions and Records office, the student may not be eligible to receive Financial Aid.
3. Transfer students who have successfully completed a college-level English and mathematics course are exempt from the academic placement (Accuplacer) test. Students who have completed neither, or only one, of these college-level courses will be required to take one or more parts of the ACCUPLACER test. Transfer students whose ACT or SAT scores demonstrate appropriate levels may be exempt from parts of the ACCUPLACER test. NOTE: Only ACT or SAT scores less than three years old as of the first day of the first term of enrollment will be used to determine exemption status.
4. Transfer students age 21 and older, who have less than 60 semester hours of credit, will have their course records evaluated for proof of competency in the areas of reading, writing, and mathematics. Students lacking college course work in these areas will be required to undergo placement assessment. Enrollment in courses indicated by results of the assessment is mandatory.
5. Learning Support course work taken at other TBR institutions will be posted to the student's RSCC transcript and will be considered in determining the number of attempts.
6. All transfer students with 60 or more semester hours will be exempt from placement testing.
7. Transfer applicants who do not meet the Roane State retention standards or whose last term of enrollment resulted in academic suspension may be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.
8. Transfer applicants whose last term of attendance resulted in academic suspension and who are currently serving a suspension at another institution must meet with the Admission and Retention Committee to request admission. If admission is recommended by the committee, the applicant may be required to undergo placement assessment as noted in section 3 above.
9. Credits for courses not corresponding with the curriculum at Roane State may be entered on the transcript as elective credit. All credit will be posted within the first term of enrollment.

## Readmitted Student

Any former Roane State applicant or student not enrolled the previous semester (excluding summer) who wishes to return to the college will be considered a readmit student. Students seeking readmission should:

1. Submit an application for readmission. (PLEASE NOTE: Students who applied for admission but never attended should fill out the general application for admission in lieu of the readmission application if it has been more than 1 year since making application to the college.)
2. Degree seeking students must submit official transcripts from all colleges or universities attended since their enrollment at Roane State.
3. All applicants whose last semester of attendance resulted in academic suspension and who are seeking readmission within one calendar year of that suspension must meet with the Admission and Retention Committee to appeal the suspension prior to readmission. If reinstated, these students may be required to undergo placement assessment. Enrollment in the courses indicated by results of the assessment is mandatory.
4. Effective spring 1992, readmit students who took courses at RSCC prior to fall 1985 are no longer exempt from fulfilling Learning Support requirements in placement testing and course completion.

## International Student

An applicant who is a citizen or a permanent resident of a country other than the United States is classified as an international student.

**English Proficiency:** An international student or permanent resident whose native language is NOT English must satisfy one of the following prerequisites:

1. Submit a minimum score of 500 on the Test of English as a Foreign Language (TOEFL) or 173 on the computer-based TOEFL (CBT) or 61 on the Internet-based TOEFL (IBT). A score of 5.5 or higher on the IELTS (International English Language Testing System) may be submitted for review.
2. Submit a transcript showing graduation from an American high school.
3. Submit a transcript from another U.S. institution showing satisfactory completion (a minimum grade of C must be achieved in college-level English Composition I).

*It is the responsibility of the international student to be familiar with the regulations of the Department of Homeland Security's Bureau of Citizenship and Immigration Services and assume responsibility for complying with these regulations.*

**Steps to apply for admission:** The following should be submitted to the Student Enrollment and Recruitment Office no later than 60 days prior to the beginning date of the term the applicant wishes to enroll.

1. Apply using the online application for admission located at [www.roanestate.edu](http://www.roanestate.edu).
2. Official copies of academic records from secondary schools, colleges, or universities accompanied by notarized or certified English translation of these documents.
3. International students under 21 years of age must submit ACT or SAT scores.
4. Placement assessment may be required dependent upon age, admissions category (new or transfer), and ACT/SAT scores. Enrollment in courses indicated by results of the assessment is mandatory.
5. For F-1 (student) visas, evidence of financial resources adequate for all expenses for at least one year of enrollment is required. The first-year fees and expenses total \$28,000. (This figure is an estimate and is subject to change.) Additional funds are required if the student plans to bring a spouse or dependent into the country. An official statement from a U.S. bank verifying these resources will meet this requirement. If original statement is in foreign currency, an official conversion to U.S. dollars from the foreign bank must accompany the statement.
6. Provide documentation substantiating official status with the Department of Homeland Security's Bureau of Citizenship and Immigration Services. (Passport, visa, I-94, etc.) Official documents must be presented in person to the Student Enrollment/Recruitment Office for validation.
7. All international students are required to have health and accidental insurance from a Roane State approved U.S. company. Please refer to the link labeled *Student Health Insurance*.
8. Provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines if born in or after 1957.
9. Provide proof of two doses of the Varicella (Chicken Pox) vaccine if born in or after 1980.
10. Complete and sign the Certificate of Immunization form. (PLEASE NOTE: if you filed an online application and you were 18 or older, this requirement is **waived**.)
11. Complete the RSCC International Student Information form. Submit proof of lawful presence in the United States unless you are an F1 student, which is verified through SEVIS. All other visa types should submit 2 of the following:
  - Arrival/Departure Record (Form I-94)
  - Valid, unexpired Foreign Passport with valid visa
  - Notice of Approval of Status with bottom I-94 portion attached (Form I-797)
  - Employment Authorization Document (Form I-766)
  - DS-2019 for J-1 visa holders
  - Non-Resident Alien Canadian Border Crossing Card and
  - Any other document determined by the US Department of Homeland Security to be acceptable through the SAVE (Systematic Alien Verification for Entitlements) program.

*NOTE: On October 26, 2001, Congress enacted the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001. The act amends the Family Educational Rights and Privacy Act to permit institutions to disclose education records to federal law enforcement officials without student consent if the appropriate United States official, certifying that "specific and articulable facts" support the request, obtains a court order that requires an educational institution to turn over education records that are considered relevant to a terrorism investigation.*

## Permanent Resident

The student must meet all applicable requirements for regular admission to the college.

Other requirements are as follows:

1. Permanent Resident Alien card must be presented in person to the Student Enrollment & Recruitment Office, One Stop, or the campus nearest you for validation.
2. A permanent resident whose native language is NOT English must submit TOEFL or IELTS scores. (For scores required, please see above under *English Proficiency*.) Appeals concerning English proficiency may be made to the Director of Parent & Family Engagement/International Admissions.

## Non-Degree Seeking Student

Applicants who do not work toward a degree may be admitted as a non-degree student. Students in this category who wish to be reclassified to degree-seeking must submit appropriate transcripts and possibly undergo placement assessment. A change of status form must be completed. Forms are available in the Admissions and Records Office. Reclassification will not occur until all requirements of the new admissions category are met. Students may not change status during the first term of enrollment. These categories include: Technical Certificate, Transient, Audit, Personal/Professional Enrichment, Dual Studies (High School Students), and Academically Gifted (High School Students). To receive Financial Aid, students must be degree-seeking or seeking a certificate that has been approved for Financial Aid.

## Technical Certificate Student

Students enrolled in the technical certificates credit programs are considered non-degree students. Since Allied Health Sciences are limited in enrollment, applicants to these programs must also complete an online Allied Health Sciences application. Some certificate programs may require additional testing before being admitted. Students wishing to enroll in a technical certificate program should:

1. Submit an application for admission.
2. Submit an official copy of high school transcript or High School Equivalency (HSE) scores or college transcript.  
*NOTE: The high school transcript must be a regular or honors diploma. A special education diploma or certificate of attendance DOES NOT meet this requirement.*

To receive Financial Aid in this student category, you must be seeking one of the certificates that has been approved for Financial Aid.

## Transient Student

A regularly enrolled student of another institution who wants to take a limited number of hours during a term and who is not presently working toward a degree at Roane State may be admitted as a transient student. To enroll as a transient student:

1. Submit an application for admission.
2. Students planning to take college courses with prerequisite requirements must submit a college transcript verifying that prerequisites have been met.

## Audit Student

Students who want to enroll on a non-credit basis may choose to audit coursework at Roane State. Fees for audits will be assessed on the same basis as fees for credit courses. A student who attends a class with audit status will not receive a grade. Instead, enrollment is reflected on the academic record as 'AU' for audit. Transcripts of previous schoolwork are not required under this category. To enroll as an audit student:

1. Submit an application for admission.
2. Some disabled or elderly students may qualify for a special fee rate. Proof of age may be required by the Admissions and Records Office. For more information regarding fees for disabled and senior citizens, refer to Business Information.

NOTE: Learning Support courses as well as accelerated and freshman level English Composition courses *may not* be taken for audit.

Admission to classes for audit may be limited or denied based on availability of space.

## Personal/Professional Enrichment

Students who do not wish to pursue a degree or certificate but want to enhance personal and/or professional skills may enroll in the non-degree seeking special categories of High School Graduate, Student with Previous College Credit, and College Graduate.

### High School Graduate

An applicant who has earned a regular high school diploma or HSE may enroll in any course except college-level math, English, or one that has college-level math or English prerequisite. Any student who plans to enroll in math or English courses must undergo placement assessment unless he/she has taken the ACT within the last 3 years and has scores which waive this requirement. (For ACT requirements, refer to “General Student Classifications” under “Admission Procedures”.) To enroll, students should submit an application for admission. (No transcript is needed.)

### Student with Previous College Credit

Applicant who has earned college credit but does not have a degree may enroll after completing the following:

1. Submit application for admission.
2. Undergo placement assessment if enrolling in math or English courses unless student has already completed college-level math or English.

### College Graduate

An application for admission should be submitted. The submission of a college transcript to verify the completion of prerequisite courses may be required.

## Dual Studies Program

Dual Studies, or First Class, is a program which allows students who are currently enrolled in high school to earn college credit toward a degree or a certificate at a Tennessee public institution of higher education. Courses are taught by college faculty to high school juniors and seniors who have been admitted to the college. Tuition and fees are required as well as paperwork for the admission process. Letter grades are awarded on the college transcript and most credits are transferable to other colleges.

**Dual Enrollment** - refers to a class taken by a high school student who is enrolled simultaneously in college while seeking high school credit for the college course. High school credit is awarded in addition to the college credit, which may count towards a high school diploma.

To enroll in the Dual Studies Program applicants should:

1. Submit an application for admission and required immunization records.
2. Complete First Class Registration form. This form requires school administrator and parental signatures.
3. Applicant must have a 3.0 GPA or higher on a 4.0 scale or 2.75 on a 5.0 scale to enroll in academic courses.
4. Submit high school transcript with ACT, Pre-ACT exam or equivalent. ACT/Pre-ACT exam or equivalent sub-scores in mathematics and reading must be 19 or higher, and English requires a score of 18 or higher to enroll in dual studies courses. Once the ACT test has been taken, the Pre-ACT or equivalent exam scores will no longer be considered. Exceptions must be approved by the Dual Studies Department.
5. Complete a Tennessee Dual Enrollment Grant form (online) if requesting lottery funding toward the cost of tuition.

Dual Enrollment students must submit a final high school transcript verifying high school graduation and work with the Student Enrollment Services staff to make the transition from dual enrollment status to college degree-seeking status.

**To enroll in Dual Enrollment coursework students should contact their high school counselor.** NOTE: procedure changes in the Dual Studies Program are continuous. Please contact the Director of Dual Studies at Roane State for current information, 865-882-4504.

## Academically Gifted Program

A student in grade 9 or 10 who has been classified as “academically gifted” by evaluation through the multi-disciplinary team process may earn college credit while in high school. To be eligible for the program the applicant must have an Individualized Education Plan (IEP) which approves specific college courses. Students will only be allowed to register for courses designated on the IEP.

To enroll as an Academically Gifted student applicants should:

1. Submit an application for admission.
2. Complete an application for the Academically Gifted program.
3. Have a grade-point average of 3.2 or better on a 4.0 scale.

4. Obtain approval from the high school principal and the Director of Student Enrollment and Recruitment.
5. Submit a copy of the student's IEP showing those courses or a list of the approved courses from a school official must be sent to the Director of Student Enrollment and Recruitment before registration will be allowed. In lieu of the IEP, official letters from the secondary administration, specifically listing recommended college courses will be accepted.
6. Submit a high school transcript.

Home-schooled students should contact the Student Enrollment Office for instructions regarding the Academically Gifted category.

## Residency Classification

The following guidelines are used to determine "in-state" or "out-of-state" status for fees and tuition.

1. Every person having his or her residence in this state shall be classified as "in-state" for fee, tuition and admission purposes.
2. Every person not having his or her residence in this state shall be classified "out-of-state" for fee, tuition and admission purposes.
3. The residence of a dependent\* is that of his or her parent. "Parent" shall mean a person's father or mother. If there is a non-parental guardian or legal custodian of dependent, then "parent" shall mean such guardian or legal custodian provided there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of conferring the status of an "in-state" student on the dependent.
4. The residence of a married person can be determined based on the residence of the spouse.
5. A recent graduate of any "out-of-state" high school must supply evidence of Tennessee residency before receiving "in-state" tuition status. Copies of property deeds or property tax payment statements are acceptable evidence.
6. Dependent students of divorced parents shall be classified "in-state" when one parent's residence, regardless of custodial status, is in Tennessee.
7. International students shall be classified "out-of-state" for tuition and admission purposes.
8. Students classified by Immigration as a Permanent Resident, Resident Alien, or Refugee may be classified as "in-state" if their residence is in Tennessee.
9. Persons not living in Tennessee but employed full-time in Tennessee shall be classified "in-state" for tuition purposes as long as they maintain a part-time registration status. The student must provide appropriate documentation.
10. A veteran, or any individual entitled to the veteran's educational benefits, enrolled in RSCC shall not be required to pay out-of-state tuition or any out-of-state fee, if the veteran:
  1. Has not been dishonorably discharged from a branch of the United States armed forces or the national guard;
  2. Is eligible for Post-9/11 GI Bill benefits or Montgomery GI Bill benefits; and
  3. Enrolls in the TBR institution, after satisfying all admission requirements, within three years (3) after the date of discharge as reflected on the veteran's certificate of release or discharge from active duty, Form DD-214, or an equivalent document.

To continue to qualify for in-state tuition and fees, a veteran or entitled individual shall:

1. Maintain continuous enrollment as defined by the TBR institution at which the veteran is enrolled; and
2. Within one (1) year of enrolling in the TBR institution:
  - a. Register to vote in this state; or
  - b. Demonstrate by objective evidence intent to be a resident of this state by obtaining at least two (2) of the following:
    - i. A Tennessee driver license;
    - ii. A Tennessee motor vehicle registration;
    - iii. Proof of established employment in the state; or
    - iv. Other documentation clearly evidencing domicile or residence in the state, as determined by the Tennessee Higher Education Commission.

An application for In-State classification may be obtained from the Admissions and Records Office or at any Roane State location. All questions should be directed to the Admissions and Records.

Proof of U.S. Citizenship or lawful presence in the United States will be required from any student who receives In-State tuition.

\* Dependent shall mean a person whose parents have not entirely surrendered the right to the care, custody and earnings of such person and who are still under obligation to support or maintain the dependent person. A person the age of 18 or older is considered to be independent by the state. If a person 18 or older is to be considered dependent, the parent must provide a copy of a federal income tax return claiming the dependent.

## Academic Fresh Start

### Purpose

The Academic Fresh Start program is designed to assist those students who have had a minimum 4-year separation from college and who demonstrate a greater level of academic maturity as a result of that separation. Students who did not realize their full academic potential during their first attempt at the college experience are being given a second chance to meet their educational goals without penalty. Through the Academic Fresh Start program,

students are given a second chance to begin their academic careers by removing previously taken courses from the current academic statistics. Although the courses will not be physically removed from the student's academic record, they will no longer be calculated in the quality point average (QPA) computation and will no longer apply toward the fulfillment of any college requirement.

#### Minimum Criteria

1. "Academic Fresh Start" is a plan of academic forgiveness which allows undergraduate students who have experienced academic difficulty to make a clean start upon returning to college after an extended absence.
2. The Academic Fresh Start allows eligible students to resume study without being penalized for his/her past unsatisfactory scholarship and signals the initiation of a new QPA/GPA to be used for determining academic standing.
3. Readmitted students who were formally enrolled in the institution as well as transfer students who meet institutional requirements for admission and who have been separated from all institutions of higher education for a minimum of four (4) years are eligible for the Fresh Start.
4. Institutional policies governing the readmission of former students and admission of transfer students must be in compliance with TBR policy 2:03:00:00 Admissions.
5. This policy requires that the "transfer applicant's grade point average on transferable courses must be at least equal to that which the institution requires for the readmission of its own students.
6. Applicants who do not meet the institution's standards may be admitted on scholastic probation or other appropriate condition. (2:03:00:00 Section II.B.3.)
7. Each institution may establish an Academic Fresh Start provision which must meet the following minimum criteria:

#### Student Requirements

1. Separation from all collegiate institutions for at least four (4) years.
2. Anytime after the readmission or admission as a degree student, file a formal application to the office as defined by the institution's catalog requesting the Academic Fresh Start and describing and academic plan. Forms are available in the Admissions and Records Office.
3. Only those students pursuing an associate degree are eligible for Academic Fresh Start.
4. Any student who has already earned an Associate degree or higher is not eligible for Academic Fresh Start.

#### Terms of Academic Fresh Start

1. Once the student has satisfied the above requirements, the institution may grant the Academic Fresh Start. The student may be granted a Fresh Start only once.
2. The student's permanent record will remain a record of all work; however, courses taken and previously failed will be excluded from the calculation of the QPA/GPA. Courses with a D grade will also be excluded from the calculation when a grade of C or better is required in the student's current major. QPA, GPA and credit hours will reflect courses for which passing grades were earned and retained.
  - a. Retained grades will be calculated in the Fresh Start QPA/GPA.
  - b. Courses with a D or F grades must be repeated at the institution when they are required in the student's current major. All remaining courses for the current degree objectives must be completed at the institution. No transient credit will be accepted after invoking Academic Fresh Start.
  - c. The application of retained credit toward degree requirements will be determined by the requirement currently in effect at the time the academic renewal status is conferred on the student. Specific program regulations must also be met.
  - d. Previously satisfied Assessment and Placement Program requirements will not be forfeited.
3. Upon degree admission, Fresh Start applicants who did not satisfy Assessment and Placement Program requirements at the time of previous enrollment and whose academic plan includes completion of a college-level English or mathematics course must meet current Academic Assessment and Placement Program (Accuplacer) requirements regarding enrollment in college English and mathematics courses.
4. The student's transcript will note that the Fresh Start was made and the date of the Fresh Start.
5. The student will apply for the Fresh Start with the understanding that all TBR institutions will honor a Fresh Start provision granted at another TBR institution. The student should also signify understanding that non-TBR institutions may not accept the QPA as it is calculated with the Fresh Start.
6. This policy is independent of financial aid regulations. Financial aid requirements at the time of application will apply. Therefore, a Fresh Start applicant should check with his/her financial aid counselor for guidance.

## Selective Service Requirements

1. Pursuant to federal law, every male who is between the ages of eighteen (18) and twenty-six (26), and is a citizen of the United States or a resident of the United States must register with the Selective Service.
2. Notwithstanding the provisions of paragraph (1), the requirement to register shall not apply to any alien lawfully admitted to the United States as a nonimmigrant under Section 101(a)(15) of the Immigration and Nationality Act, as amended, for so long as he continues to maintain a lawful nonimmigrant status in the United States.



## Change of Name or Address

The Admissions and Records Office should be informed of all changes in the student's legal name for marriage or other reasons, place of residence, mailing address, and telephone number. The college is not responsible for a student's failure to receive official information due to the failure to notify the college of any change(s) stated above.

This form is available from the Records and Registration Forms webpage.

## Eligibility Verification for Entitlements Act

Tennessee law requires *all new students* interested in enrolling at a college or university in Tennessee to provide proof of their legal presence before state benefits will be provided. To accommodate this law, the Roane State will accept this information once an application is submitted. This law can be satisfied by submitting one of the following:

- The FAFSA (Free Application for Federal Student Aid) - *preferred*;
- A valid regular Tennessee driver's license or photo identification license. *A temporary Tennessee driver's license, temporary identification license, or out of state license is NOT acceptable*;
- A valid, unexpired, Permanent Resident Card (Form I-551) with picture;
- A valid, unexpired US passport;
- A certificate of citizenship (N560 or N561);
- A certificate of naturalization (N550, N570, or N578);
- A US citizen identification card (I-197, I-179);
- A valid, unexpired Foreign Passport with visa stamped "Processed for I-551";
- Non-Resident Alien Canadian Border Crossing Card;
- Permanent Resident Re-Entry Permit (I-327);
- Refugee Travel Document (I-571);
- A valid, unexpired Foreign Passport with valid visa in a category that permits study at an institution of higher education;
- Any document determined by the U.S. Department of Homeland Security to be acceptable through the Systematic Alien Verification for Entitlements (SAVE) program.

EVEA can also be satisfied by submitting a valid, government issued picture ID including a regular driver's license, temporary driver's license, government issued DL/ID card from any US state, Employment Authorization Document (Form I-766) together with one of the following:

- A valid, unexpired Permanent Resident Card (Form I-551) without a picture;
- An official birth certificate issued by a US state, jurisdiction, or territory; except for Puerto Rican birth certificates issued before July 1, 2010;
- A US government issued certified birth certificate;
- A US certificate of birth abroad (DS-1350 or FS-545);
- A reprint of a birth abroad of a citizen of the US (FS-240);
- Arrival/Departure Record (Form I-94);
- Notice of Approval of Status with bottom I-94 portion attached (Form I-797).

Failure to provide the information requested will limit the Roane State's ability to award state and/or federal financial aid, and will impact how your tuition and fees will be assessed. This restriction does not impact privately funded scholarships.

## Academic Program Planning

The responsibility for selecting an educational program rests with each student. Designated RSCC faculty and staff assists students in program planning and course selection. Students who are planning to transfer from Roane State to a senior institution at the conclusion of two years' work should secure a copy of that institution's catalog to use in planning their transfer program. Final responsibility for direct planning of courses and every preparation necessary to graduate from RSCC and/or to transfer to other colleges and universities rests with the student.

# Testing/Learning Support Policies and Guidelines

## Basic Skills Assessment

In an effort to provide more effective educational services for students, the college participates in the Board of Regents' Learning Support assessment program to assess basic skills. Placement is based on valid ACT or Accuplacer scores. Through this assessment, Roane State can identify the students' academic strengths and weaknesses in reading, writing, and mathematics skills. This information is used along with the student's past educational history to provide academic advisement and placement in courses that best help the individual student to improve skills in these areas, as well as study skills.

All Tennessee State Board of Regents colleges and universities require that all first time degree-seeking students undergo assessment. Transfer students who have not successfully completed college-level reading, writing, and mathematics courses must also undergo assessment. For further information regarding ACT or Accuplacer testing, contact the Testing Center on the Roane County or Oak Ridge campuses.

Students who have completed all five learning support math competencies through SAILS Bridge Math are eligible to register for MATH 1530. Students who have completed all math learning support competencies and all of the optional STEM modules through SAILS bridge math may register for MATH 1130 in their first semester.

Any full-time degree-seeking student must be enrolled in the required Learning Support courses each semester until the student completes the requirements. Any part-time student must be enrolled in at least one of the required Learning Support courses each semester of enrollment until the student completes the Learning Support requirements.

## Initial Placement

Detailed information about placement based on ACT and Accuplacer scores may be found on the Learning Support website:  
<http://www.roanestate.edu/?8039-Initial-Assessment-and-Placement>

## Restricted Enrollment

Students whose assessment results require enrollment in Learning Support (LS) courses may not enroll in a regular college level course which requires that competency as a pre-requisite until they have satisfactorily met the exit criteria of the appropriate Learning Support courses. Exceptions to this policy require the approval of the Learning Support Director and completion of the related documentation.

College Level Courses Which Can Be Taken With Learning Support Courses: The following college courses may be taken by learning support students concurrently with their learning support courses.

### LS Course Required    Courses that can also be taken

MATH 0530 or MATH 0900	Students should enroll in MATH 0530 and 1530 (E section) <b>OR</b> can enroll in MATH 0900/1000 (E section) if pursuing STEM majors or algebra for future courses.
ENGL 0510	Must be taken with ENGL 1010 (E sections only); any course other than History or Philosophy.
READ 0562	Must be taken with either HUM 262 (E sections only) or PSYC 1030 (E sections only) ; See the Learning Support website for a complete list of the courses that do not require a prerequisite of READ 0562.

NOTE: All Learning Support course requirements *must* be completed before enrolling in BIOL 2010 - Anatomy and Physiology.

# English Registration Requirements

Due to the fact that ENGL 0510, ENGL 1010, and ENGL 1020 serve as prerequisites or corequisites to several other courses, the English Department at Roane State Community College recommends the following progression standards for English Composition courses:

Any full-time degree-seeking student should be enrolled in ENGL 0510 and/or ENGL 1010 (or ENGL 1020 if required for your major) each term until the student completes these writing requirements. Any part-time degree-seeking student should be enrolled in ENGL 0510 and/or ENGL 1010 (or ENGL 1020 if required for your major) for each 12 hours taken.

## English Course Exemption

Students with an ACT sub-score of 27 or better in English may enroll for both English 1010 and 1020, attend English 1020, and receive six semester hours credit for both courses with the grade earned in English 1020. Registration will need to be completed in the One-Stop or Records/Registration office. In the event the student does not successfully complete or withdraws from one or both courses, he/she will no longer be eligible for the joint

credit.

## New Student Orientation

You can register online for upcoming New Student Orientation Sessions at [www.roanestate.edu/nso](http://www.roanestate.edu/nso).

Please note that attendance is mandatory for all first-time, degree seeking students.

During New Student Orientation, you will receive important information about Roane State resources and procedures, which will help you make a successful transition into college.

Each session will last a minimum of three hours so please make advance arrangements for childcare, etc.

Parents/Spouses/Significant Others are also invited but no more than one guest as seating space is limited.

## Academic Advising

At Roane State, academic advising is a shared responsibility of the student, Success Coach and the Faculty Advisor.

All students entering Roane State will be assigned a Success Coach from the Student Enrollment Division who will assist them with academic advising/registration throughout their first 1-2 semesters at Roane State. After the student demonstrates academic success, he/she is transitioned to a faculty advisor who will mentor the student in the chosen career field. The faculty advisor works closely with the student in continuing his/her educational goals and assists with a plan for completing these goals. Students can view the name of their Success Coach or Faculty Advisor through their RaiderNet account.

Faculty advisor assignments may change if a student changes his/her major or if the faculty member is no longer able to serve as an advisor.

All students are encouraged to meet with their faculty advisor at least once a year. Not all RSCC locations have full-time faculty advisors for each major. Each student needs to contact his/her advisor to schedule an appointment well in advance of registration time periods and get an individualized PIN number to register for the upcoming term. A student who has completed 30 credit hours towards an Associate Degree or half of the coursework for a certificate is required to meet with his/her designated advisor to plan for graduation and to complete the Application for Graduation.

## Veterans Services

Roane State's Veteran's Affairs Office is designed to assist veterans who desire to enroll at the college. You may contact the Coordinator for Veterans Services toll free at 1-866-462-7722 ext. 4545. Roane State cooperates with the Veterans Administration in providing educational opportunities for veterans. The VA Certifying Official is responsible for certifying veterans' eligibility and for providing a source of information regarding the "G.I. Bill."

To receive benefits a veteran must:

1. Contact the Veterans Administration Regional Office at 1-888-442-4551 to verify how much benefit money is available to him/her.
  2. Provide the VA certifying official with a member copy 4 of the DD214 (discharge papers) or NOBE form if actively drilling.
  3. Electronically submit application for VA education benefits at [www.vets.gov](http://www.vets.gov).
  4. Meet with Success Coach or Faculty Advisor to discuss class requirements.
  5. Register for classes and pay fees.
  6. Submit all academic transcripts and a copy of your DD214 to the Records Office for evaluation, even if you are in a certificate program.
- NOTE: The certification process takes several weeks. The certifying official will not begin the process until after the first week of classes. Receiving benefits can take up to 2 months; therefore, veterans must make adequate arrangements to cover college expenses.

Once enrolled, veterans and other eligible persons should maintain close contact with the assigned VA certifying official. All changes of class schedule must be reported since dropping or adding classes may change the monetary amount the veteran is eligible to receive.

To maintain eligibility, the veteran must comply with the following rules:

1. Must be classified as a regular degree student or follow a VA approved certificate course of study. Special students for credit or non-credit do

- not qualify.
2. Must maintain the prescribed cumulative GPA listed under Academic Probation and Retention Standards in this catalog.
  3. Courses may be claimed for pay only one time whether taken at RSCC or transferred from another institution.
  4. Only courses specifically listed in the catalog (as per major) may be certified for payment. Courses taken for a student's own personal enrichment will not be eligible for payment.
  5. Course substitution forms must be processed and approved as described in this catalog before the substituted course is claimed for payment.
  6. You must attend all classes for the entire semester or an overpayment with the VA may result.
  7. Enrollment in classes which do not last 15 weeks will affect your pay (e.g. 5 week, Xpress, Maymester)

For more information: <http://www.roanestate.edu/veterans>

*Eligibility for Deferment of Payment of Tuition and Fees by Certain Eligible Students Receiving U.S. Department of Veterans Affairs or Other Governmentally Funded Educational Assistance Benefits*

Service members, veterans, and dependents of veterans who are eligible beneficiaries of U.S. Department of Veterans Affairs education benefits or other governmentally funded educational assistance, subject to the conditions and guidelines set forth in Tennessee Code Annotated 49-7-104 as amended, may elect, upon formal application, to defer payment of required tuition and fees until the final day of the term for which the deferment has been requested. Application for the deferment must be no later than 14 days after the beginning of the term, and the amount of the deferment shall not exceed the total monetary benefits to be received for the term. Students who have been granted deferments are expected to make timely payments on their outstanding tuition and fees balance once education benefits are being delivered, and eligibility for such deferment shall terminate if the student fails to abide by any applicable rule or regulation, or to act in good faith in making timely payments. This notice is published pursuant to public Chapter 279, Acts of 2003, effective July 1, 2003.

## Registration for Courses

Roane State Community College provides early registration through RaiderNet each semester for currently enrolled and readmitted students. *No student is officially enrolled until he/she has completed all requirements of enrollment including the payment of fees.* Exceptions for late registration or adding a class may be granted for good cause. *Late registration requires payment of the late fee.* No student shall receive credit for a course for which he/she is not properly registered. *A student may not be allowed to register until all required admission documents have been received.*

### Student Identification Number

A student's identification number (called the R#) will be a computer generated unique identifier or social security number. The use of social security numbers is optional. If, at the time of application, the student desires not to disclose the SSN, the institution will assign a unique SID for the student's use. However, please note, if you receive federal and state financial assistance you are required to disclose your SSN.

### RaiderNet

Upon submission of the online application to the college, students will get an email with instructions on how to set up their RaiderNet account. Through this system students can view their personal information, financial aid, and registration.

### Registration PIN number

Each semester or registration period, students will be required to meet with their faculty advisor or success coach to obtain a PIN number for registration. Schedule an appointment well before registration opens to make a graduation plan. Students accepted into Nursing or some Health Sciences programs, dual enrollment and special credit students are exempt from this requirement.

### Course Load

The average semester hour load for a degree-seeking student should be 15-16 hours of credit. Individual programs may require more or less than 15-16 hours per semester for degree completion. A full-time student is one who is carrying 12 or more semester hours of credit. The following criteria apply to semesters by course loads:

1. Students may register for 20 hours of credit upon verification of a 2.5 cumulative grade point average by the Admissions and Records Office.
2. Students may register for 21 hours of credit subject to verification of a 3.0 cumulative grade point average by the Admissions and Records Office.
3. Students wishing to enroll for 22 hours or more must have the approval of the Vice President of Enrollment, Student Services and Innovation.
4. Any exceptions to the above guidelines must have the approval of the Vice President for Student Learning.

Special for Credit students are limited to no more than 12 hours per semester with no limit to the total number of accumulated hours.

# COLS 1010 - Study, Organize, Succeed

## COLS 1010: Study, Organize, Succeed

**Description:** This course is designed to help students become more efficient, proficient, and self-aware learners. It focuses on research-based learning strategies which can improve student performance in all courses. The course also includes a career awareness component that can be helpful to all students, particularly those who are undecided about their career goals.

**Degree Requirement:** All degree-seeking students entering Roane State are required to complete the COLS 1010 course if it is listed as a requirement in his/her program of study. Certificate students and students who already have earned a degree are exempt. Students may be granted credit for the course if they meet the following criteria:

- **First-Time Freshman** - All first-time freshman are required to complete the course within their first two terms at Roane State. If a student has successfully completed 6 credit hours of college-level dual enrollment courses with a 3.0 GPA, the student can wait until the 2<sup>nd</sup> term to enroll in the course. Credit may be granted upon verification of successful completion of 12 college-level credit hours with a 3.0 cumulative GPA in the first term of enrollment.
- **Readmission Students** - Credit may be granted upon the verification of successful completion of 12 college-level credit hours with a 3.0 cumulative GPA.
- **Transfer Students** - Students transferring into Roane State may be granted credit upon the verification of successful completion of 12 college-level credit hours with a 3.0 cumulative GPA.

Credit recommendations are requested through a Success Coach or Faculty Advisor and are approved/disapproved by the Vice-President of Student Learning or designee.

# Academic Regulations

## Student Records

### Regulations

At Roane State Community College, academic records are considered confidential. The college's policy regarding the use and release of student records is governed by Public Law 93-380, the Family Educational Rights and Privacy Act (FERPA) and the Tennessee Public Records Act.

Under the terms of these laws, the college and its employees are charged with protecting the confidentiality of the educational records of its prospective students, currently enrolled students, and former students. The college is empowered to disclose relevant portions of student records to faculty and staff determined to have a legitimate educational interest.

All exceptions to this policy, including disclosure to external persons or agencies, shall be administered by the Registrar, the Vice President of Student Services and Enrollment Management, the Vice President of Academic Services, or the President.

### Definitions

**Student:** A person who attends or who has previously attended Roane State.

**Student Academic Record:** Educational information or data maintained by the college which relates to personally identifiable student.

**Third Party:** A third party is defined as anyone other than the student.

### Access to Records

1. A student shall be permitted to inspect and review his/her academic records within 45 days following the date on which he/she notifies the Admissions and Records Office that he/she desires access to such records.
2. A student shall be provided with a copy of their academic record if they have no obligations to the college. If there is an obligation, the student will be allowed to view a copy of their academic record, but may not take the copy.
3. Students have the right to request explanation or interpretation of their academic record.
4. The student shall be entitled to challenge the content of his/her academic records.
  1. A challenge concerning the content of a student's academic record must be submitted in writing to the office/department immediately in charge of maintaining the record in question.
  2. The challenge must be signed by the student.

3. The office/department in charge of maintaining the record will mark the date of submissions on the challenge. A response will be sent to the student within 30 days noting the action to be taken by the office/department or the student.

#### **Limitation on Access to Records**

1. A student shall be denied access to a parent's financial records.
2. A student shall be denied access to confidential letters and statements which were placed on a student's record prior to January 1, 1975.
3. A student shall be denied access to confidential recommendations respecting his/her admission to the college or receipt of an honor or honorary recognition if he/she has signed a waiver of access rights.
  1. Roane State shall not require any student to waive access rights.
  2. A party from which a recommendation is sought may require such a waiver.
  3. Confidential statements and letters shall be used only for the purpose for which they were solicited.
4. A student shall not be permitted to inspect records which personally identify other students even if he/she is personally identified on that record. In such a case he/she shall simply be informed of the information contained on the record.

#### **Release of Transcripts or Information on Students' Academic Records Policy**

Roane State staff, faculty and other employees will be granted access to academic records on a need-to-know basis. All employees must abide by FERPA and the Tennessee Public Records Act when reviewing student records other than FERPA Directory Information and/or Solomon Amendment Directory Information.

Roane State employees who have direct access to these records are:

- President, All Records
- Vice Presidents, All Records
- Deans, All Records
- Division Heads, All Records
- Director of Counseling and Disability Services, All Records

#### **Release of Information is subject to the following procedures:**

1. Students may receive a copy of their transcript by appearing in person. A photo ID must be presented. Completion of a transcript request form with the student's signature is required prior to the release or mailing of the transcript. The student account will be checked for financial obligations, prior to release.
2. Students may receive a copy of their transcript by mailing or faxing their transcript request to:
 

Admissions and Records Office  
Roane State Community College  
276 Patton Lane  
Harriman, TN 37748-5011  
Fax: 865-882-4527
3. Students may request a copy of their transcripts by logging into their Raidernet account. Choose *Your Records* then choose *Request Printed Transcript*. Complete the information in the request and submit.

#### **A student's transcript request form should contain the following information:**

- Full Name (and other names used since leaving the college)
- Student Identification Number or Social Security Number
- Date of Birth
- Date of Last Attendance
- Number of Transcripts Requested
- Address to which Transcript is to be Mailed
- Current Mailing Address and Phone Number

Assessment test scores can be sent to other TBR (Tennessee Board of Regents) schools upon request. Requests for non-credit transcripts need to be made in writing to the Office of Continuing Education. In all cases, obligations to the college must be fulfilled before a transcript will be issued.

#### **Release of Records to Third Parties\***

A third party is defined as anyone other than the student. The student's parents or legal guardians are considered third parties. FERPA Directory Information shall be released to third parties without the written consent of the student.

FERPA defines directory information as:

- Student Name
- Address
- Email address
- Telephone Listing
- Date of Birth

- Participation in officially recognized activities and sports
- Weight and Height of athletic team members
- Dates of attendance
- Enrollment Status—Part-time, Full-time
- Degree and awards received
- Major field of study
- Most recent previous educational agency or institution

NOTE: Pursuant to the Federal Campus Sex Crimes Prevention Act and the Tennessee College and University Campus Sex Crimes Prevention Act of 2002 certain information concerning registered sex offenders is considered public information and therefore amend and supercede the Family Educational Rights and Privacy Act (FERPA) and other federal and state laws that previously prohibited the disclosure of such personal information.

**Solomon Amendment\*\* defines directory information as:**

- Student Name
- Address
- Telephone Listing
- Date and Place of Birth
- Level of Education
- Academic Major
- Degree(s) Received
- Educational Institution in which student most recently enrolled

\*NOTE: On October 26, 2001, Congress enacted the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001. The act amends the Family Educational Rights and Privacy Act to permit institutions to disclose education records to federal law enforcement officials without student consent if the appropriate United States official, certifying that “specific and articulable facts” support the request, obtains a court order that requires an educational institution to turn over education records that are considered relevant to a terrorism investigation.

\*\*NOTE: The National Defense Authorization Act 1995, 1996 and the Omnibus Consolidated Appropriations Authorization Act, 1997, mandates this information be released to the military effective March 29, 1997.

**Privacy**

1. Directory information may be withheld as “no information available” if the student requests PRIVACY through the Admissions and Records Office. The request for privacy may remain in effect for the entire educational career of the student or until the student requests the privacy to be removed. Request for privacy should be given serious consideration. Students seeking privacy should discuss such action with the Registrar.
2. Information contained in Roane State records shall be provided without the student’s written consent to third parties engaged in the validation, development or administration of tests, accreditation activities, or research conducted on behalf of the college provided such information is not revealed to any other party.
3. Records shall be released without the student’s written consent to college personnel authorized to have access to such records, authorized federal and state government officials, and/or officials of other institutions in which the student seeks to enroll.
4. Student academic records shall be released to any federal, state or circuit court having a judicial order. Subpoenas received will be held for review by TBR General Council. A reasonable effort will be made to contact the student prior to the release in response to such subpoenas or judicial orders.
5. Academic records shall be released by the college to any third party including the parent with written consent of the student.
6. Academic records shall be released to third parties in emergency situations involving health or safety.
7. Records shall be released to a third party without the written consent of the student in connection with the student’s application for, or receipt of, financial aid.

**Destruction of Academic Records**

All or part of a student’s record may be removed from the file and destroyed by the Admissions and Records Office. However, once a student requests access to review his/her files, such removal and destruction may not occur until access has been granted and the review completed by the student.

**Enrollment Verifications**

The Admissions and Records Office cooperates with various lending agencies, including the National Student Loan Clearinghouse, by certifying that their student clients are enrolled at Roane State. Student Loan Deferment forms should be delivered to the Admissions and Records Office at the beginning of the term. All medical and/or auto enrollment forms can be delivered to the Admissions and Records Office for completion. Forms should contain the policy-holder and student identification information. This is to ensure proper action upon receipt at the insurance company.

# Acquiring Credit

The following explains ways enrolled students may receive credit other than taking the specific classes at RSCC.

## Transfer Credit

Roane State accepts transfer credit from colleges and universities based on the following considerations:

- the comparability of the nature, content and level of credit earned to that offered by Roane State
- the appropriateness and applicability of the credit earned to programs offered by Roane State with regard to the student's educational goals
- the education quality of the institution from which the credit was earned

The following policies and procedures govern the granting of credit for transfer coursework.

1. Official transcripts of all previous college coursework must be sent to the college at the time of application. Foreign transcripts not issued in English must be accompanied by a certified English translation.
2. Credit earned at a regionally or internationally accredited institution will be evaluated upon receipt of an official transcript for degree seeking students only.
3. Transfer credit (quality hours, quality points and GPA) will not be included on the Roane State academic record.
4. Courses earned with grades of A, B, C, D, or P will be considered for applicability toward a degree and certificate programs from Roane State. Only grades of A, B, C, or P will be accepted for Learning Support courses.
5. Roane State grants non-traditional credit for military service and service schools in accordance with the guidelines established in ACE (American Council on Education) and DANTES (Defense Activity for Non-Traditional Educational Support) published by the American Council on Education. Military service credit will be assigned a grade of P.
6. Roane State grants non-traditional credit for CLEP (College Level Examination Program) and AP (Advance Placement) examinations. CLEP and AP credit will be assigned a grade of P. See "Acquiring Credit" in this catalog for credit requirements.
7. Effective Fall 1999, Roane State will consider coursework from non-regionally accredited institutions as transfer coursework. Readmits and currently enrolled students may request credit consideration for coursework completed during or after Fall 1999. Credit requests must be made by completing an Application for Transfer of Credit form obtained from the Admissions and Records Office or any off campus location. A course competency examination may be required as part of the process. Students required to take a course competency exam will be notified after the request for transfer credit form has been reviewed by the appropriate academic department. To request a course competency exam, the student must complete a Credit by Proficiency form, available from the Admissions and Records Office or any off campus location. No fee is required for the exam when associated with transfer credit from a non-regionally accredited institution.
8. Students must complete at least 25 percent of the credit hours required for their degree program through RSCC. Completion of 30 percent of course work in a certificate program must be completed at RSCC.

Transfer information can be obtained from Admissions and Records Office. Advisement and information regarding inter-institutional articulation are available at <http://www.roanestate.edu/articulation> or call toll free at 1-866-462-722 ext. 4597 or 865-882-4597.

## Prior Learning Assessment (PLA)

The following explains ways in which enrolled students may receive credit other than taking the specific course(s) at RSCC. A grade of "P" for passing will be assigned to any credit earned through PLA. No quality points will be assigned for such coursework, and coursework earned through this method will not be used in calculating the students grade point average (GPA).

## Maximum Alternative Credit Allowed

A maximum of 30 semester hours credit for correspondence or extension courses, credit for Advanced Placement, CLEP, or certifications/licensures, and/or credit resulting from military service may be counted toward a degree. All correspondence or extension work must have the written, documented approval of the Director of Admissions and Records.

## Advanced Placement

Roane State offers course credit for successful completion of Advanced Placement (AP) examinations administered by the The College Board to high school students. Course credit will be granted to students presenting Advanced Placement examination grades of three or higher. Inquiries concerning



Advanced Placement should be forwarded to the Admissions and Records Office. A letter grade of “P” (Pass) will be assigned for credit granted.

<b>AP Examination</b>	<b>AP Score</b>	<b>Credit Hours</b>	<b>Equivalent Course</b>
Art History	3, 4, 5	3 SCH	ARTH 2010 Art History I
Biology	3	4 SCH	BIOL 1010 or BIOL 1110
	4	8 SCH	BIOL 1010 & 1020 or BIOL 1110 & 1120
Calculus AB	3	3 SCH	MATH 1830 Calculus for BUS/BIOL
	4, 5	3 SCH	MATH 1830 or MATH 1910 Calculus for Engin/MATH I
Calculus BC	3	3 SCH	MATH 1910 & MATH 1920 Calculus for Engin/Math II
Chemistry	3	4 SCH	CHEM 1110 General Chemistry I
	4	8 SCH	CHEM 1110 & CHEM 1120 General Chemistry II
Chinese Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II
	4	9 SCH	1010, 1020 & 2010 Intermediate Language I
	5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
Computer Science A	3, 4, 5	3 SCH	Determined by individual community college
Macroeconomics	3, 4, 5	3 SCH	ECON 2010 Macroeconomics
Microeconomics	3, 4, 5	3 SCH	ECON 2020 Microeconomics
English Language	3	3 SCH	ENGL 1010 Composition I
	4, 5	6 SCH	ENGL 1010 & ENGL 2020 Composition II
English Literature	3, 4, 5	6 SCH	ENGL 2210 & 2220 Survey of British Literature I & II
Environmental Science	3, 4, 5	4 SCH	Physical/Natural Science Core Requirement
European History	3, 4, 5	6 SCH	HIST 1010 & 1020 Western Civilization I, II
French Language & Culture	3	6 SCH	FREN 1010 & 1020 Beginning French I & II
	4	9 SCH	FREN 1010, 1020 & 2010 Intermediate French I
	5	12 SCH	FREN 1010, 1020, 2010 & 2020 Intermediate French II
German Language & Culture	3	6 SCH	GERM 1010 & 1020 Beginning Language I & II
	4	9 SCH	GERM 1010, 1020 & 2010 Intermediate Language I
	5	12 SCH	GERM 1010, 1020, 2010 & 2020 Intermediate Language II
Comparative Government & Politics	3, 4, 5	3 SCH	Social Science Core Requirement
U. S. Gov't & Politics	3, 4, 5	3 SCH	POLS 1030 Introduction to American Government
Human Geography	3, 4, 5	3 SCH	Social Science Core Requirement
Italian Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II
	4	9 SCH	1010, 1020 & 2010 Intermediate Language I
	5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
Japanese Language & Culture	3	6 SCH	1010 & 1020 Beginning Language I & II
	4	9 SCH	1010, 1020 & 2010 Intermediate Language I
	5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
Latin	3	6 SCH	1010 & 1020 Beginning Language I & II
	4	9 SCH	1010, 1020 & 2010 Intermediate Language I
	5	12 SCH	1010, 1020, 2010 & 2020 Intermediate Language II
Music Theory	3, 4, 5	3 SCH	MUS 110 Music Theory I
Physics B	3	4 SCH	PHYS 2010 Non-Calculus Based Physics I
	4	8 SCH	PHYS 2010 & 2020 Non-Calculus Based Physics II
			Test scheduled for revision effective fall 2014
Physics C	3	4 SCH	Pt. 1 PHYS 2110 Calculus Based Physics I
	3	4 SCH	Pt. 2 PHYS 2120 Calculus Based Physics II
Psychology	3, 4, 5	3 SCH	PSYC 1030 Introduction to General Psychology
Spanish Language	3	6 SCH	SPAN 1010 & 1020 Beginning Spanish I & II

	4	9 SCH	SPAN 1010, 1020 & 2010 Intermediate Spanish I
	5	12 SCH	SPAN 1010, 1020, 2010 & 2020 Intermediate Spanish II
Statistics	3, 4, 5	3 SCH	MATH 1530 Probability/Statistics
Studio Art Drawing	3, 4, 5	3 SCH	ARTP 1010 Drawing I
Studio Art 2D Design	3, 4, 5	3 SCH	ARTP 1110 Two Dimensional Design
Studio Art 3D Design	3, 4, 5	3 SCH	ARTP 1120 Three Dimensional Design
U. S. History	3, 4, 5	6 SCH	HIST 2010 & 2020 US History I & II
U. S. Government & Politics	3, 4, 5	3 SCH	POLS 1030 Introduction to American Government
World History	3, 4, 5	6 SCH	HIST 1210 & 1220 World History I & II

## Challenge Examinations

Currently enrolled students desiring to obtain credit by successfully completing challenge examinations must apply to the appropriate division and arrange to take the examination. A Credit-By-Proiciency form will be used. Credit-By-Proiciency cannot count toward residency requirements. Courses that contain a clinical or laboratory component, or whose competencies may not be assessed in a proficiency examination as in the regular course may not be challenged.

The student must take the form to the Business Office and pay the the \$25 fee prior to taking the test. This fee is in addition to maintenance fees paid for courses in which the student is actually registered.

After fees are paid the student will take the form to the appropriate department to complete the test. When the test is complete, the grade assigned, and the appropriate signatures in place, the form will be sent to the Admissions and Records Office for recording of credit. Credit type will be noted as PFT and a grade of "P" (Pass) will be assigned. Other institutions are not obligated to accept these courses for transfer.

Fees are waived if the student desires to validate credit by examination for earned hours from an unaccredited institution or vocational school. Students must verify by official transcript that the credits have been earned previously when arranging to take the examination.

## CLEP

Students should have official CLEP scores sent to the Admissions and Records Office from The College Board. An evaluation for possible credit will be made, and a copy of this evaluation will be mailed to the student. For information about taking CLEP examinations, contact the Testing Center at Pellissippi State Community College. A letter grade of "P" (Pass) will be assigned for credit granted.

### Acceptable Scaled Scores on CLEP Tests and Number of RSCC Credit Hours Awarded

	Minimum Acceptable Score	Number of Credit Hours Awarded	Equivalent RSCC Course
<b>Composition &amp; Literature</b>			
American Literature	50	6	ENGL 2110 & 2120 Survey of American Literature I & II
Analyzing & Interpreting Literature	50	6	Credit for Literature Requirement or specific ENGL course
College Composition (also Freshman)	50	6	ENGL 1010 & 1020 Composition I & II
College Composition Modular	50	3/6	ENGL 1010 & 1020 Composition I & II
English Literature	50	6	ENGL 2010 & 2020 Intro to Literature I & II or ENGL 2210 & 2220 Survey of British Literature I & II
Humanities	50	6	Credit for Humanities Requirement
<b>Science &amp; Mathematics</b>			
College Algebra	50	3	MATH 1130 College Algebra or MATH 1630 Finite Mathematics
Precalculus	50	3	MATH 1710 Precalculus I

Biology	50	8	BIOL 1110 & 1120 General Biology I & II
Chemistry	50	8	CHEM 1110 & 1120 General Chemistry I & II
Calculus	50	4	MATH 1910 Calculus
College Mathematics	50	3	MATH 1010 Survey of Mathematics for Liberal Arts or Credit for college-level Mathematics Requirement
Natural Sciences	50	8	BIOL 1110 & 1120 Biology I & II
<b>Foreign Languages</b>			
French, Level I	50	6	FREN 1010 & 1020 Beginning French I & II
French, Level II	59	12	FREN 1010 & 1020 Beginning French I & II FREN 2010 & 2020 Intermediate French I & II
German, Level I	50	6	GERM 1010 & 1020 Beginning German I & II
German, Level II	60	12	GERM 1010 & 1020 Beginning German I & II GERM 2010 & 2020 Intermediate German I & II
Spanish, Level I	50	6	SPAN 1010 & 1020 Beginning Spanish I & II
Spanish, Level II	63	12	SPAN 1010 & 1020 Beginning Spanish I & II SPAN 2010 & 2020 Intermediate Spanish I & II
<b>Social Sciences &amp; History</b>			
American Government	50	3	POLS 1030 Introduction to American Government
Introduction to Educational Psychology	50	3	EDU 211 Educational Psychology
History of the United States I	50	3	HIST 2010 US History I
History of the United States II	50	3	HIST 2020 US History II
Human Growth & Development	50	3	Psychology of Human Growth & Development or PSYC 2130 Life Span Psychology
Principles of Macroeconomics	50	3	ECON 2010 Macroeconomics
Principles of Microeconomics	50	3	ECON 2020 Microeconomics
Introductory Psychology	50	3	PSYC 1030 Introduction to General Psychology
Social Sciences & History	50	6	Elective (there is no common course number)
Introductory Sociology	50	3	SOCI 1010 Introduction to Sociology
Western Civilization I	50	3	HIST 1010 Survey of Western Civilization I
Western Civilization II	50	3	HIST 1020 Survey of Western Civilization II
<b>Business</b>			
Financial Accounting	50	3	ACCT 1010 Principles of Accounting
Introductory Business Law	50	3	BUSN 2370 Legal Environment for Business
Information Systems & Computer Applications	50	3	INFS 1010 Computer Applications
Principles of Management	50	3	BUSN 1380 Supervisory Management
Principles of Marketing	50	3	BUSN 2380 Principles of Marketing

## Licensures/Certifications

### Certified Administrative Professional

Persons passing the Certified Administrative Professional (CAP) examination will be granted 18 hours of credit at Roane State for the following courses.

ACCT	1010	Principles of Accounting I	3
BUSN	2370	Legal Environment for Business	3
BUSN	2350	Organizational Behavior	3
BUSN	1380	Supervisory Management	3
ECON	2010	Macroeconomics	3
INFS	1010	Computer Applications	3

Credits awarded are subject to change when the actual content of the CAP examination no longer corresponds to course content or when courses at RSCC are revised substantially.

In order to receive credit for these courses, the CAP applicant must follow the procedures listed below:

1. Submit an application for admission.
2. Enroll in classes
3. Present to the Admissions and Records Office an official letter from the testing agent certifying student passed the examination.

## Military Credit

Veteran students who have one year or more of honorable military service may submit a copy of their DD-214 to the Admissions and Records Office. Military credit will be awarded in physical education (4 semester hours) and military science (6 semester hours). Students who completed less than one year but received at least eight weeks of training will receive 2 semester hours of physical education credit. Additional credit for military training/occupational experiences may be awarded based on MOS credit listed on the DD-214.

Army, Coast Guard, Marine Corps, and Navy veterans will be awarded military credit based on training/occupational experiences listed on the Joint Services Transcript (JST). The JST a merger of the former AARTS, SMART, and CGI transcripts. Veterans may request a copy of their JST transcript by visiting <https://jst.doded.mil>.

RSCC follows all guidelines established by ACE (American Council on Education) and DSST (DANTES Subject Standardized Tests).

## Prior Learning Credit

A currently enrolled student at Roane State may petition for college-level credit for learning acquired through documented work or life experience in the field in which a degree is being pursued via an experiential learning portfolio.

Experiential learning credit may be approved as college course credit if it is comparable to a designated credit experience and is consistent with Roane State's mission. This credit cannot exceed a total of 30 hours. ***Students interested in seeking prior learning credit should first contact their faculty advisor or the Dean of Student Academic Services for guidance on the process.***

Credit awarded will depend on the assurance that the course work and learning outcomes are at the collegiate level and comparable to the college credit course and/or the college program. When the evaluation is complete and the appropriate academic signatures are in place, the form will be sent to the Admissions and Records Office for the recording of credit. A special fee for experiential learning credit is assessed. Experiential learning or proficiency credit will not apply toward meeting residency requirements for graduation.

# Grades

## Grade Points

Grade points are numerical values assigned to letter grades in order to provide a basis for determining grade (quality) point averages. The four-point system is used.

Grade		Grade/Quality Points
A	Outstanding	4.0
B	Above average	3.0
C	Average	2.0
D	Passing	1.0
F	Failure	0.0
FA	Failure, Attendance based*	0.0
W	Withdrawal	0.0
P	Passing**	0.0
I	Incomplete***	0.0

To meet degree requirements a student must maintain an overall grade point average of 2.00. Generally, letter grades are awarded according to the following scale:

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Some specific exceptions to the above scale may apply and the college reserves the right to adjust it accordingly. Students enrolled in Allied Health Sciences or Nursing programs may not follow the same scale. Students should refer to the grading scale included on the course syllabus.

\* The grade "FA" indicates that the student failed the course, and the last date of attendance reported by the instructor of record was not more than two-thirds of the length of the course.

\*\* At the discretion of the Vice President of Student Learning, selected courses may be offered using a pass-fail grading system. A "P" indicates a passing grade in such cases. In addition to such courses, credit resulting from military service or Prior Learning Assessments will not be assigned quality points for computing the grade point average, and a letter grade of "P" will be assigned for such instances.

\*\*\* The grade of "I" indicates that the student was passing at the end of the semester but has not completed the work of the course as required by the instructor. An instructor may assign a grade of "I" in the event of extenuating circumstances on the part of the student. Upon receiving such grade, the student is on notice that he/she should contact the instructor immediately in an effort to complete the course requirements. The student should **not** register for the same course during the subsequent term. A grade of "Incomplete" must be removed during the next regular term, any student receiving a grade of "I" at the end of Spring semester will have until the end of the succeeding Fall semester to complete his/her coursework. Any course which has not been graded at the end of the following term will convert to an "F".

## Calculating GPA

Your GPA is calculated by dividing the total number of Quality Points you *earned* by the number of GPA Hours you *attempted* in courses in which grades of A through F are assigned. Grades of I, P, S, U, and W do not have Quality Point values and are, therefore, not included in the GPA calculation.

The first two attempts of courses that have been repeated are excluded from the cumulative GPA. The third and any subsequent grades will be used in determining your GPA.

Each term, your semester and cumulative GPA will be indicated with your grades.

**GPA Calculation Example**

COURSE	GPA HOURS	GRADE EARNED	QUALITY POINTS
ENGL 1020	3.00	B (3.0)	(3x3) 9.0
PHED 2050	1.00	A (4.0)	(1x4) 4.0
MATH 1130	3.00	C (2.0)	(3x2) 6.0
MUS 1030	3.00	B (3.0)	(3x3) 9.0
HIST 2020	3.00	A (4.0)	(3x4) 12.0
POL 101	3.00	F (0.0)	(3x0) 0.0

1. Add the GPA Hours:  $3 + 1 + 3 + 3 + 3 + 3 = 16.00$  hours
2. Determine your total Quality Points:
  1. For each course, multiply the number of GPA Hours for that course times the number of Quality Points indicated on the grading scale above. Example: ENGL 1020 is a 3.0-hour course. Multiply 3.00 hours x 3.0 (the Quality Points for a B); the product will be 9.0 Quality Points earned for ENGL 1020.
  2. Add the Quality Points for all courses:  $9.0 + 4.0 + 6.0 + 9.0 + 12.0 + 0 = 40.0$  Quality Points.
3. Divide the total Quality Points by the total GPA Hours to determine your GPA:  $40.0 / 16 = 2.50$  (GPA is carried to two decimal places, with no rounding). This is your GPA for the term.

**Lottery Scholarships**

The GPA used to determine your continued eligibility for Lottery Scholarships is not the same as your RSCC GPA. This is because your Lottery GPA takes into account *all* of your attempts at a particular course whereas your RSCC GPA does not. Please be aware that “W” (Withdrawal) grades *are* counted as attempted courses for Lottery Scholarship purposes, and toward the maximum hours allowed by a Hope Lottery Scholarship but are *not* counted in the calculation of a student’s Lottery GPA.

## Grade Type Change

To change a course grade type, from audit to credit or credit to audit, the student must do so by following the Change of Registration/Drop-Add procedures. The deadline dates listed below will be strictly enforced.

Audit to Credit: Permitted during late registration/add period.

Credit to Audit: Permitted during the withdrawal period.

## Grade Appeal Procedure

Grades, as well as transcript information, withdrawals and other data perceived by a student to be in error, must be protested within the subsequent semester after the information was posted. If a student believes there are circumstances which warrant an appeal of a grade received for other than academic misconduct, the student must appeal the grade within 45 calendar days following the last day of the end of the semester in which the grade was posted. The appeal process must be initiated by the student and includes the following steps which must be followed in this order:

1. Contact the instructor in writing to ensure that no calculation or administrative error occurred and if it is not possible to resolve the problem at this level
2. The student can submit an appeal in writing to the division dean of the instructor, and the student can expect a written response. If the issue is not resolved at this level, then
3. The student can submit the written appeal to the Vice President for Student Learning whose decision will be final.

Protests initiated after the allowed time frame of 45 days will not be reviewed.

## Audit Courses

Any student enrolled at RSCC may register for audit courses. The student will attend class without being required to take examinations or prepare lessons or papers. Students auditing a course will receive a final grade of “AU” (audit) on the transcript. No credit will be received for the course or toward major requirements.

## Withdrawals and Honorable Dismissals

Students finding it necessary to withdraw from the college must do so officially to maintain good standing and to assure honorable dismissal and/or readmission. Students should be aware of withdrawal deadlines published by the college. Students officially withdrawing from a course within the drop period will be assigned a non-punitive grade of “W”. Students that do not withdraw from a course and whose attendance was not more than two-thirds of the course, as reported by the instructor of record, will be assigned a grade of “FA”. A grade of “FA” is considered an unofficial withdrawal and is a punitive grade.

### Late Withdrawals

The request for a late drop or withdrawal **MUST** be made on or before the last day of classes. A student who never attends or stops attending classes and fails to follow the proper withdrawal procedures will be carried on the roll until the end of the semester and a grade of “FA” will be recorded.

After the withdrawal deadline published in the academic calendar, no student will be permitted to withdraw from the college or classes and receive the designation of “W” without providing documentation of one of the following unusual conditions or hardships and verification that the mitigating circumstances developed **AFTER** the withdrawal deadline:

1. Illness or injury of the student or serious personal problems as verified on office letterhead stationery by the attending physician or psychologist.
2. Necessary change in work schedule verified in writing on company letterhead by the student’s employer.
3. New employment as verified in writing on company letterhead by the employer.
4. Other mitigating circumstances presented with acceptable documentation to demonstrate the extenuating circumstances.

Students meeting the stated circumstances may apply for late withdrawal as follows:

1. Obtain Request for Late Withdrawal form from the Admissions and Records Office or download from the Records and Registration website at <http://www.roanestate.edu/recordsforms>.
2. Complete the form and attach documentation of circumstances as stated above. Forms received without the required documentation cannot be considered.
3. Return the form to the Admissions and Records Office for review.

Any exceptions to this policy must be submitted in writing to the Registrar to be reviewed by a committee of the Vice President for Student Learning, the Vice President for Student Services and Enrollment Management and the Registrar. (No appeals will be accepted one calendar year after the semester in which the late withdrawal is being sought.)

NOTE: Learning Support courses may not be dropped except under extenuating circumstances. Anyone seeking to drop or withdraw from a Learning Support course must obtain permission from the Director of Learning Support and provide documentation of circumstances. The Learning Support drop application may be found at <http://www.roanestate.edu/learningsupport>.

All equipment belonging to the college must be accounted for or paid for and all financial obligations met. If it is impossible for the student to take these steps in person, they should be completed by a person acting as an agent for the student.

Late Withdrawal Requests are for grades only. Requests for refund of tuition or fees should be made directly to the Business Office. Students requesting Late Withdrawals should be aware that withdrawal from coursework may impact Financial Aid eligibility.

For more information please call toll free 1-866-462-7722 ext. 4526 or 865-882-4526.

## Repeated Courses

A student may repeat a course with the intent of improving the grade previously earned. In computing the quality point average of a student who has repeated one or more courses, only the last grade received in the repeated course or courses will be used. The hours attempted will be counted only once, provided that the number of repeats in any single course does not exceed two (three attempts). In the event that a student attempts a course more than three times, the third and subsequent grades shall be used in determining quality point average.

In order that grade point averages may be adjusted appropriately, the student repeating a course may file a course repeat form with the Admissions and Records Office.

Veterans or other eligible persons repeating courses for which they have a passing grade (“D” or higher) and for which they have been paid are cautioned not to claim this course for pay the second time.

Students may be permitted to repeat a course in which a grade of “B” or higher was earned only with the approval of the Vice President for Student Learning.

## Classification

Student classification levels for purposes of registration are:

Freshman: 0-26 credit hours

Sophomore: 27 or more credit hours

## Change of Major/Status

Students may request to change their major/status **after the first term of attendance**. Change of status or major is not automatic. **The new major will be in effect beginning with the next academic term.** Students who are on hold with the Financial Aid office for SAP may not be eligible for change of major/status.

Currently enrolled degree or certificate-seeking students may request a change to non-degree status (special student category) once they have: 1) completed all learning support requirements, and/or 2) completed all admission requirements. Exceptions may be requested through the Registrar and will be decided on an individual basis. Special Student Category students are not eligible for federal financial assistance (Pell Grant, Veteran's Benefits, etc.).

To request a Change of Major students should complete the following steps:

1. Review the RSCC academic programs on the RSCC website under the Academic Programs link.
2. Run a DegreeWorks evaluation to learn what requirements you will lack and what requirements you have already met for the new major. You can run the audit from the Degree Evaluation link under Your Records in your Raidernet account.
3. Meet with an advisor or career counselor to discuss your graduation plan and obtain their signature on the form.
4. Sign and submit the completed form with a copy of your program plan for the new major to the One Stop or to the front office of any satellite campus.

**NOTE: Students are advised to consult with financial aid sources (VA, WIA, TAA benefits) prior to submitting a change of major to the Admissions/Records Office.**

## Good Standing

Good Standing status denotes that the student is not on probation and is also eligible to continue enrollment or is eligible to re-enroll. Letters of Good Standing can be requested through the Admissions and Records Office.

## President's List and Dean's List

The President's List and Dean's List are the official mediums for the institution to recognize outstanding academic achievement by students. The Dean's List recognizes full-time students (those completing 12 or more semester hours of college-level courses) who attain a quality point average of 3.50-3.99. In addition, the President's List recognizes full-time students (those completing 12 or more semester hours of college-level courses) who attain a quality point average of 4.00. Only the semester average is considered in computing grades and achievement level. The President's and Dean's Lists are compiled at the end of each academic semester by the Registrar's Office and are noted on the student's academic transcript.

## Academic Probation and Retention Standards

A student who fails during any term to attain a cumulative quality point average at or above the level indicated below for the GPA (Grade Point Average) hours (inclusive of any Learning Support courses) will be placed on academic probation for the following term.

GPA Semester Hours Attempted	Minimum Cumulative GPA
0-12	1.25
13-18	1.50
19-23	1.75
24 or more	2.00



### Academic Suspension

At the end of the following term of enrollment, a student on academic probation who has failed to attain: 1) the above cumulative standard OR 2) a 2.0 grade point average for the current term will be suspended. Students who have satisfied the 2.0 GPA but have not yet achieved the standards as listed above will remain on academic probation for subsequent terms until the standards have been achieved. Students on probation or suspension who fail to attain the cumulative standard and the 2.0 GPA for the subsequent term will be placed on suspension.

Suspension terms are as follows:

First-time suspension	One term (semester)
Second suspension	Two terms
Third suspension	Dismissal

In all instances, the summer term does not apply as a term served for suspension. For the student who is suspended at the end of the spring semester, the following fall semester is considered to be the term of suspension.

A third suspension of “Dismissal” may be appealed to the Vice-President for Student Learning after a period of two years absence from enrollment at the college.

### Appeals

A student who has been academically suspended either from RSCC or is currently suspended from another college or university may request an appeal through the Admissions and Retention Committee. If the student feels that there were extenuating circumstances (e.g. errors in their transcript, documentable medical or psychological problems, court or military duty, etc.) that caused the academic problems, they may appeal to the committee for reinstatement.

To request an appeal the student must contact the Admissions and Records Office for an appointment with the committee. If the Admissions and Retention committee grants the reinstatement, the conditions imposed by the committee will be clearly stated. These may include a reduced course load, regular meetings with an advisor or counselor, and course suggestions.

Students who voluntarily serve the time imposed by their suspension will be reinstated automatically and do not need to meet with the Admissions and Retention Committee. Their admission status will be Academic Probation for that semester.

### Transfer Students

Students on academic suspension from another college or university must clearly designate this information on their application to Roane State. Falsifying this information may lead to dismissal. Transfer applicants whose last term of attendance at another institution resulted in academic suspension or dismissal and who have not served their required term(s) of suspension or dismissal, must meet with the Admissions and Retention Committee to request admission to Roane State. Meeting with the Admissions and Retention Committee is required only if application is made within two years after the academic suspension or dismissal. Transcripts from the suspended college/university are required.

While individual courses may transfer to RSCC and can count toward fulfilling degree requirements, the number of credit hours and quality points do not count toward calculating the GPA for academic probation and suspension.

## Grounds for Dismissal

A student may be dismissed from the college for any one or more of the following reasons:

1. Failure to meet minimum academic standards as stated in the above section.
2. Conduct of an unacceptable nature.
3. Failure to meet Learning Support requirements for satisfactory progress through course requirements.

## Graduation - Degree/Certificate Requirements

Students who have successfully completed 48 semester hours toward a degree or half of the coursework required for a certificate must complete an Application for Graduation form by the deadline for the intended graduation semester. The student is required to complete the form in its entirety, and obtain his/her advisor's approval.

An evaluation of the student's status towards graduation will be sent to the student and the academic advisor. The student is encouraged to meet with

his/her advisor to develop a plan for the completion of the program based on the results of the evaluation.

## Degree Works - Degree Audit program

Students wanting to know the courses they need to complete a particular degree program or how their courses meet the requirements of another degree program should take advantage of Degree Works located in RaiderNet. This computer program merges a student's academic record with the degree requirements for a particular major. Information included on the printout includes: academic requirements remaining, requirements completed or in progress, and work that is not applicable to a particular major. Students can obtain a Degree Works printout from their RaiderNet account or from their assigned faculty advisor. For more information: <http://www.roanestate.edu/degreeworks>

## Degree and Certificate Requirements

In order to obtain a degree or certificate, students must complete the general requirements as prescribed by Roane State and specific requirements set forth for the program.

Requirements include:

1. **Minimum GPA.** An overall Grade Point Average (GPA) of 2.0 is required for the degree and/or certificate. Only college-level courses taken at Roane State are computed into the GPA for graduation.
2. **Minimum Credit Hours.** Each candidate must complete at least 60 semester hours to be eligible for the associate's degree. All requirements specified in the catalog must be completed.
3. **Catalog Option.** The student must meet the requirements of (a) the current catalog or (b) the catalog in effect at the time the student entered a program. *Entering a program* is defined as being admitted, readmitted, or changing the major.
4. **Minimum Hours in Residence.** Students must complete at least 25 percent of the credit hours required for their degree program through Roane State Community College. Thirty percent of the semester hours in a certificate program must be taken at Roane State. Individual programs may have additional requirements for accreditation, certification or licensure that will need to be satisfied. Check the catalog listing for any additional residency requirements. Experiential and Proficiency credit does not apply to this residency requirement.
5. **Additional Degrees:** Requirements for more than one degree may be met. If you are interested in a second degree, please schedule an appointment with The Advising Resource Center (ARC). ARC will provide guidance regarding the number of courses required to fulfill the additional requirements for a second degree. Additional degrees cannot be awarded under the same Classification of Instructional Program (CIP) code as the first degree.
6. **Additional options within a degree program.** A student may complete requirements for more than one option within an A.A.S. degree program by successfully completing all course requirements. Only one diploma will be issued for the degree.
7. **Obligations to the College.** All candidates must fulfill all financial obligations to the college including parking tickets, the return of library books, audio-visual tapes, college at home materials, etc.
8. **Exit Testing.** All students seeking a degree from Roane State will be required to take the Academic Profile exam prior to being granted their degree. Information regarding test administration dates will be sent to the student once his/her Application for Graduation has been processed. Certificate students are exempt from the Academic Profile. A student may, as a condition of their graduation, be required to take additional tests designed to measure achievement in general education and in their major. The purpose of such testing is for evaluating institutional effectiveness or the academic program. Participation in testing may be required of all students, of students in certain programs, or of students selected on a sample basis. In order to comply fully with this provision, the student must authorize the release of his/her scores to the institution. Unless otherwise indicated, no minimum score or level of achievement is required for graduation and individual student scores will be treated as confidential.

## Course Substitutions

Course substitutions require the approval of the student's faculty advisor and the appropriate academic dean. A form for this approval is available from faculty advisors and should be processed prior to registering for the course in question. Students in a transfer program should consult with their senior institution prior to submitting a substitution. Senior institutions may or may not honor substitutions. Course substitutions are not approved for articulation agreements or TN Transfer Pathways.

## Graduation with Distinction

Degree-seeking students may be eligible for academic distinction based on the quality point average of coursework completed at Roane State. Academic

honors are reflected on the student's transcript and diploma. Certificate students do not qualify for academic distinction. Distinction designations are based on the following grade point averages: 3.5-3.69 cum laude; 3.7-3.89 magna cum laude; 3.9-4.0 summa cum laude. Academic distinction is based on the student's cumulative GPA at the end of the semester prior to the spring ceremony.

## Ceremony

Commencement exercises are held at the end of the spring semester only. Students who anticipate completing their work during the following summer are eligible to participate in commencement exercises if a grade point average is sufficient for graduation and an Application for Graduation has been officially processed by the spring deadline. Due to the early printing date of the program, academic honors are based on the previous term GPA. Fall graduates will be invited to attend the following spring exercises. Participation in the ceremony is optional, but strongly encouraged. Information will be available at <http://www.roanestate.edu/commencement> in March.

## Business Information

Tuition and fees are assessed and payable at registration each semester. Registration is not considered complete until all assessed tuition and fees have been paid. Tuition and fees paid by check are not considered to have been paid until the check has cleared the bank. Students who have not met all financial obligations at the college will not be permitted to attend classes. No student will be permitted to reenroll, graduate, or receive a transcript until all financial obligations to the college have been satisfied. *All tuition and fees are subject to change by direction of the Tennessee Board of Regents and will be posted on Roane State's website as changes are made.* The current semester class schedule should be consulted for current tuition and fee rates. Any student who has a question or problem concerning tuition, fees, or other monetary transactions pertaining to the college should contact the Business Office at toll free 1-866-462-7722 ext. 4515 or at 1-865-882-4515.

## Tuition - Refundable

All students will be assessed a tuition fee. Students classified as out-of-state residents will be assessed tuition plus out-of-state tuition fees. The definition of residency as determined by the Tennessee Board of Regents will apply. Information concerning residence classifications may be obtained from the Registrar. Non-resident students will be accepted if space permits. For the current tuition fees, visit <http://www.roanestate.edu/tuition> or call toll free 1-866-462-7722 ext. 4515 or 1-865-882-4515.

## Summer and Alternative Session Fees

Each semester classes are offered as full session, express session, and/or accelerated session. Any session may vary in the number of weeks that the classes meet. Students may register for the full session, alternative sessions or any combination thereof. Tuition rates and fees are applied based on the total number of enrolled hours per semester regardless of individual session hours. Regents Online Campus Collaborative classes are not included in the calculation of fees for which there is a maximum charge. Fees for ROCC classes are computed on a per hour basis with no maximum rate being applied. For any student registering for any course(s) or adding course(s), the assessment of course fees and late fees is determined by courses (if any) for which the student registered before the first official day of classes for each session. The primary consideration in determining what fees are assessed is whether the student is registering for courses or adding courses. For this purpose the following definitions shall be used:

**Registering for courses** - a student registers for a course(s) if he/she is not already enrolled in a course(s) meeting the same semester as the course(s) in which he/she is enrolling.

**Adding courses**- A student adds courses when he/she is already enrolled in a course(s) meeting the same semester as the course in which he/she is enrolling and has paid for those courses.

## Audit Fee

Fees for courses being audited are the same as those taken for credit. Students enrolled as audit are not required to take examinations and receive no

credit for the class. Students over 60 years of age may audit classes on a space available basis under a tuition waiver plan. Contact the business office at toll free 1-866-462-7722 ext. 4515 or 1-865-882-4515 or the center nearest you for more information.

## Miscellaneous Fees

There are several mandatory student fees associated with applying to Roane State and registering for classes. In addition, fees may be assessed for particular courses and activities. For the current list of miscellaneous fees and amounts, please visit <http://www.roanestate.edu/tuition> or call toll free at 1-866-462-7722 ext. 4515 or 865-882-4515.

## Deferred Payment Plan

The deferred payment plan is available to students who meet certain criteria. For more information, please visit <http://www.roanestate.edu/tuition> or call toll free at 1-866-462-7722 ext. 4515 or 865-882-4515.

## Discounts and Waivers

### Senior Citizens and Disabled Persons

Disabled persons suffering from a permanent total disability and persons 60 years of age or older, who live in Tennessee, are eligible to enroll in courses for AUDIT without payment of tuition, technology, student activity fees, or registration fees. All remaining fees including special course fees will be assessed at the normal rate.

Disabled persons and persons sixty-five years of age or older, who live in Tennessee, are eligible to enroll in courses for CREDIT at the rate of one-half the credit hour fee per semester hour, up to a maximum of \$77. This rate applies to tuition fees, technology fees, student activity fees and registration fees. Special fees will be assessed at the regular rate. Arrangements should be made well in advance of registration day to provide documented evidence of disability or age.

Fees for all Community Service courses must be paid at the regular rate.

### Veterans Dependents

Pursuant to TCA 49-7-102, certain statutory fee exceptions exist for dependents and spouses of military personnel killed, missing in action, or officially declared a prisoner of war while serving honorably as a member of the armed forces during a period of armed conflict. If these provisions are invoked by a student, the correct applicable law will be determined. Contact the Business Office for additional information.

### Higher Education Employees-Public Chapter 191

Full-time employees of the Tennessee Board of Regents and the University of Tennessee are eligible to enroll, on a space available basis, in one credit class per term without payment of tuition, technology, student activity, student government or access fees. Information on this program is available from the Human Resources Office. An application for Waiver of Fees—Public Chapter 191 (fully executed by the employing institution) must be presented at the time of registration. Participants in this program may register beginning four weeks prior to the first day of classes.

### State Employee Fee Waiver Program

Full-time employees of the State of Tennessee are eligible to enroll, on a space available basis, in one credit course per term without paying tuition charges, technology fees, student activity fees, student government fee or registration fees. At the time of enrollment, the state employee must present a completed “Public Higher Education Fee Waiver for Employees of the State of Tennessee” form certifying that the applicant is a full-time employee with at least six months continuous service. Information on this program and related eligibility requirements is available from the Business Office. Participants in this program may register beginning no earlier than four weeks prior to the first official day of classes.

### Fee Discount Program for Spouses and Dependent Children of TBR Employees

Spouses and dependent children of certain retired employees and regular employees of Tennessee Board of Regents institutions who have been employed for at least one continuous year and work at least one-half time are eligible for up to a 50% discount on tuition, technology, student government, access and activity fees. The amount of the tuition fee discount is 50% for full-time employees. Spouses and dependent children of part-

time employees will receive a pro-rata portion of the 50% discount based on the employee's percentage of work effort. This program is applicable only to undergraduate credit courses. Certain special conditions must be met to qualify for this program. Information on the program is available from the Personnel Office. A Request for Fee Discount for Spouse and/or Dependent form (fully executed by the employing institution) must be presented at the time of registration.

#### **Fee Discount Program for Children of Licensed Public School Teachers and for Children of State Employees**

Students under the age of 24 may receive a 25% discount on tuition fees and technology fees at any state operated institution of higher learning if their parent: (1) is employed as a full-time licensed teacher in any public school in Tennessee or as a full-time employee of the state of Tennessee, (2) is a retired employee of the state of Tennessee who retired after a minimum of 25 years of creditable service, (3) was killed in the line of duty while a full-time employee of the state of Tennessee, or (4) died while a full-time employee, though not "in the line of duty." Fee discounts will not be retroactive; eligibility for the fee discount is available only by application and approval prior to the beginning of the term for which assistance is being sought. Information on this program and related eligibility requirements is available from the Business Office.

## Refunds

*All refunds policies are subject to change by direction of the Tennessee Board of Regents and will be posted on Roane State's website as changes are made.*

Adjustments to all fees and charges must be in accordance with the following provisions except as previously stated, or when required by federal law or regulation to be otherwise.

Pursuant to T.C.A. § 49-7-2301 and 49-7-2302, students called to active military or National Guard service during the semester are entitled to a 100% adjustment or credit of mandatory fees. Housing and meal ticket charges may be prorated based on usage.

#### **Maintenance Fee Refunds and Adjustments**

Refunds are 100% for courses canceled by the institution.

Changes in courses involving the adding and dropping of equal numbers of SCH's for the same term at the same time require no refund or assessment of additional maintenance fees. The change of course fee would be applicable.

The fee adjustment for withdrawals or drops during regular terms (fall and spring) is 75% from the first day of classes through the fourteenth calendar day of classes and then reduced to 25% for a period of time which extends 25% of the length of the term. There is no fee adjustment after the 25% period ends. Students enrolling in more than a full-time course load receive the benefit of additional course work at no additional cost. Dropping or withdrawing from classes during either the 75% or the 25% fee adjustment period will result in a fee adjustment of assessed maintenance fees based on the total credit hours of the final student enrollment as described in item 10 below.

For summer sessions and other short terms, the 75% fee adjustment period and the 25% fee adjustment period will extend a length of time which is the same proportion of the term as the 75% and 25% periods are of the regular terms.

All fee adjustment periods will be rounded to whole days and the date on which each fee adjustment period ends will be included in publications. In calculating the 75% period for other than the fall and spring and in calculating the 25% length of term in all cases, the number of calendar days during the term will be considered. When the calculation produces a fractional day, rounding will be up or down to the nearest whole day.

A full refund (100%) is provided on behalf of a student whose death occurs during the term. Any indebtedness should be offset against the refund.

A 100% refund will be provided for students who enroll under an advance registration system but who drop a course or courses prior to the beginning of the first day of class.

A 100% refund will be provided to students who are compelled by the institution to withdraw when it is determined that through institutional error they were academically ineligible for enrollment or were not properly admitted to enroll for the course(s) being dropped. An appropriate official must certify in writing that this provision is applicable in each case.

When courses are included in a regular term's registration process for administrative convenience, but the course does not begin until later in the term, the 75%/25% fee adjustment periods will be based on the particular course's beginning and ending dates. This provision does not apply to classes during the fall or spring terms which may meet only once per week. Those courses will follow the same refund dates as other regular courses for the term.

The fee adjustment is calculated as the difference between (1) the cost of originally enrolled hours and (2) the per credit hour cost of the courses at final enrollment after adjustments have been applied for all courses dropped. Adjustments are calculated at the full per credit hour rate less the fee adjustment

credit at the applicable fee adjustment percentage (regardless of the original number of hours enrolled) with total costs not to exceed full-time tuition. For students dropping courses resulting in a change from full-time status to part-time status, a fee adjustment in the tuition and fees will result only if the new calculated charges are less than the original charges. Not all drops/withdrawals will result in a fee adjustment.

**Financial Aid Return of Title IV Funds-** Students who receive assistance from Title IV financial aid programs and drop classes may have funds returned to each grant and/or loan account in accordance with applicable federal regulations.\* For additional information, contact the Business or Financial Aid Office.

\*If a student does a total withdrawal, he/she may owe a portion of funds back to either Roane State and/or the Department of Education.

**Refund Appeals Process-** Students may appeal a refund by submitting a written request by email outlining the basis for the appeal to [fiscalservices@roanestate.edu](mailto:fiscalservices@roanestate.edu). Refund appeal requests will be decided by the Assistant Vice President of Fiscal and Auxiliary Services. The student will be notified in writing of the decision within ten (10) working days of receipt of the written appeal request. Students may appeal the decision of the Assistant Vice President of Fiscal and Auxiliary Services to the President by submitting a written request for a refund appeal review to the Vice President for Business and Finance. The student will be notified in writing of the decision within ten (10) working days of receipt of the request for refund appeal review.

### **Community Services Activities: Withdrawals and Refunds**

**Withdrawal Policy-** Registrants must notify the appropriate Continuing Education Unit, either by phone or in writing, of the intent to withdraw from a non-credit program. Failure to attend does not constitute withdrawal.

Refund Policy (Community Services Non-credit Courses) – For courses that meet on a weekly basis, registration may be canceled without penalty prior to the first class meeting. After the first class and prior to the second class, an 80% refund will be given. No refund will be made after the second class meeting.

For one and two day courses, withdrawals received prior to the first class meeting will be refunded in full. No refunds will be given after the course begins.

Courses canceled by Roane State Community College will be refunded in full or the registrants may elect to transfer into another course.

**Refund Policy (Community Services Non-credit Conferences, Workshops or Seminars)-** Registrants in conferences, workshops or seminars should make withdrawals no later than five working days prior to the activity start date in order to receive a complete refund. If a notification of less than five working days is given, a refund, less 10% of the registration fee, will be returned to the registrant. No refunds will be made after the activity begins. Substitutions can be made without prior notification. Registrants should check all literature on the activity for any special exceptions.

**Special Exceptions-** Some Community Services non-credit courses, conferences, workshops, or seminars may have special deadlines and/or requirements established for registration or refunds. Registrants should check all literature received on the activity for exceptions to the general policies.

**Centers for Training Refund Policy-** The Centers for Training and Development (CTD) consist of three “Centers” within Roane State’s Continuing Education division, the Center for Business and Industry, the Center for Computer Training and Professional Development and the Center for Health Sciences. CTD strives for “Excellent Customer Service” and will work to ensure this happens by offering credible, timely courses led by field expert consultants. Our goal is to make lifelong learning exciting and worth your investment of both time and money. To do this we design our classes to “make” with a small number of participants and therefore it is critical that we know the commitment of each course registration. Our Refund Policy serves participants by providing a 100% refund when CTD personnel are notified of a cancellation within 48 hours of the event, workshop, course, etc. It also serves the participants in the class by letting CTD decide two days in advance if the class will “make” or not.

## **Books and Supplies**

The cost of books and supplies will vary from one program to another. The bookstore sells both new and used books. Students are encouraged to take advantage of savings which result when purchasing used books. The College Bookstore will buy back used books in good usable condition in quantities limited to the anticipated needs for ensuing semesters. Book buy back periods are announced at the end of each semester. Students selling books back to the bookstore will be required to furnish a Roane State Community College ID card. For more information, visit <http://www.roanestate.edu/bookstore> or call toll free at 1-866-462-7722 ext. 4671 or 865-882-4671.

## **Check Cashing/Acceptance Policy**

Roane State provides a free check cashing service as a convenience to our students and employees. Personal checks for an amount up to \$25 will be cashed at the cashiers window or bookstore at the Roane County and Oak Ridge campuses with appropriate identification.

If a check written for payment of a student's maintenance fee is returned, the student has (10) days in which to make restitution to the college via payment by cash, certified check, cashier's check, or postal money order. Failure to make such restitution will result in immediate disenrollment. Suspension from classes could also result from checks returned on the purchase of books or payment of other fees.

The college reserves the right to refuse to cash any check. Appeals concerning the cashing of checks may be made to the Assistant Vice President for Fiscal and Auxiliary Services.

## Financial Aid Information

The financial aid program at Roane State Community College is designed to aid students who would find it difficult or impossible to attend college without financial assistance. Roane State offers a comprehensive program of financial aid in the form of scholarships, work study, grants and loans. Major emphasis is placed upon financial need, academic achievement, character, and promise of future success. For assistance with your Financial Aid needs you may call toll free 1-866-GO2-RSCC ext. 4545 or 1-865-354-3000 ext. 4545.

The basis for determining financial need is the result of an analysis of the parents' and/or student's resources as provided by the Free Application for Federal Student Aid (FAFSA). Students can access the form online at <http://www.fafsa.ed.gov>. All campuses can assist families in filling out the application.

Eligibility for financial aid is based on financial need, availability of funds and ability to maintain satisfactory progress. To qualify a student must:

1. Be admitted to attend or currently attending Roane State in an approved degree or certificate program and
2. Submit academic transcripts from all previously attended colleges and
3. Submit the online Free Application for Federal Student Aid to determine financial need
4. Submit verifying documents if requested by the Financial Aid Office and
5. Meet Roane State's satisfactory progress standards as noted in a later section.

Roane State encourages students to complete the Free Application for Federal Student Aid (FAFSA) as early as possible. The FAFSA will be available on October 1 for the following aid year. Roane State has set the following priority dates for file completion:

- Fall semester files should be completed by August 1st to ensure processing for fee payment.
- Spring semester files should be completed by December 1st to ensure processing for fee payment.
- Summer semester files should be completed by May 1st to ensure processing for fee payment.

*Students applying after the priority dates listed above will be required to pay for the tuition and fees, and possibly be reimbursed if they qualify for financial aid assistance at a later date.*

## Federal Pell Grants

Federal Pell Grants are made available through the Title IV Student Financial Aid Programs and funded by tax dollars. Students should apply early through the FAFSA (Roane State's school code is 009914) and make the Federal Pell Grant the primary source of financial aid since all other sources of assistance are based upon this eligibility. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year. A lifetime limit of the Pell grant is equal to 12 full-time semesters and is monitored by the Department of Education.

## Federal Supplemental Educational Opportunity Grant (FSEOG) and Federal Work-Study Program (FWS)

As part of the federally funded Campus-based Programs of Title IV, students may be considered for these additional funds after eligibility for the Federal Pell Grant has been determined. These programs have limited funding. Awards from these programs are made in the fall semester of each year, on a *first-come, first-served basis*.

If a student wants to be considered for *FSEOG* funds, he/she must fill out the FAFSA and complete the financial aid file as early as possible, since these awards are made on a first-come, first served basis. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October

1 for each following year.

If a student wants to be considered for the *Federal Work-Study* program, he/she must fill out the FAFSA, have a completed financial aid file and apply with the online *Federal Work-Study Program Interest Form* (accessible through RaiderNet).

## Tennessee Student Assistance Award

The Tennessee Student Assistance Award administered by the Tennessee Student Assistance Corporation is a grant made available to Tennessee residents attending college in the State of Tennessee. An application deadline is assigned by the corporation each year. Funds are limited, so early application through the FAFSA is important. Beginning October 1, 2016, the FAFSA will be available for the 2017-2018 aid year and on October 1 for each following year.

## Student Loans

If students are interested in applying for the student loan programs, they should file the Free Application for Federal Student Aid (FAFSA) and complete any additional requirements requested. In addition, a separate online *Student Loan Information and Amount Acceptance form* will be required, accessible through RaiderNet.

The Federal Stafford Loan Program is available to students who have been determined eligible through the above-mentioned need analysis system. All student loans will be handled directly through the U.S. Department of Education. There are 2 types of Federal Direct loans available to RSCC students: subsidized (interest is paid by the Department of Education while the student maintains half-time enrollment) or unsubsidized (a variable interest loan). Repayment begins six months after the student withdraws, graduates or drops to less than 6 credit hours. Maximum loan limits are mandated by the Department of Education. More details are available in the required reading for the online *Student Loan Information and Amount Acceptance form*.

If you are a first-time borrower on or after July 1, 2013, there is a limit on the maximum period of time (measured in academic years) that you can receive Direct Subsidized Loans. This time limit does not apply to Direct Unsubsidized Loans. If this limit applies to you, you may not receive Direct Subsidized Loans for more than 150 percent of the published length of your program. This is called your "maximum eligibility period." The Department of Education will determine whether borrowers are "first-time borrowers" for the purposes of the 150% limit.

The Financial Aid Office will strive to process loans quickly and accurately. Remember, a student loan is the student's responsibility and student's debt and it is beneficial to be informed, borrow conservatively, and ask questions.

For more information please call toll free 1-866-GO2-RSCC ext. 4545 or 865-882-4545.

## Satisfactory Progress Standards

The regulations that students receiving financial aid must follow are:

1. Must be working toward an associate's degree or certificate (some certificates may not be eligible pending approval of program). Special students for credit are not eligible for any funding.
2. May receive federal funding for: 30 attempted Learning Support hours; 90 attempted college credit hours if degree seeking **OR** up to the point when all courses required for the program have been completed, whichever occurs first. (All attempted hours at RSCC and any other college or university attended count whether you receive funding or not); hours vary if certificate seeking (ask about limits).
3. Class attendance will be monitored. If reported by instructor for non-attendance, a student may be billed.
4. Class attendance will be verified before aid is disbursed.
5. A student will be on financial aid suspension if (s)he does not pass 67% of total attempted hours (passing grades = A, B, C, D, P only), or does not keep a 2.0 cumulative grade point average, or exceeds the limit for attempted hours for declared major. These requirements are checked after spring semester. The appeal process will be outlined in the notification sent to the student and available on the RSCC website.
6. If on financial aid suspension, a student may attend Roane State at their own expense.
7. No financial aid (including student loans) may be received if on financial aid suspension.
8. Suspensions may be appealed with documentation to the Financial Aid Office by submitting an online appeal form located in the students' RaiderNet alert box. All appeals will be reviewed by the Financial Aid Appeal Committee.
9. A student can only receive financial aid at one school during a semester.
10. A student repeating a course(s) which was previously passed with a grade of A, B, C, or D, may repeat the course one additional time and



receive federal financial aid. Incomplete (“I”) grades during the second attempt will count and exhaust financial aid eligibility for that course.

11. Financial aid awards are based on enrollment status at time of census date (defined as 14th calendar day of each semester) or enrollment status at time of verification, if after the 14th calendar day of the semester. Awards will not be adjusted after the census date or after verification if occurring after census. This includes adding mini-session courses after the census date.

## Presidential Book and Material Scholarship Criteria

1. Two students from the current graduating class of each public high school in Roane State’s service area (Anderson, Campbell, Cumberland, Fentress, Loudon, Morgan, Roane and Scott Counties) will be offered a \$500 scholarship. The scholarship awards will be based on GPA (minimum of 2.5), financial need, acceptance to Roane State and the recommendation of the high school counselor. In case of a tie, the applicant with the earliest application submission date will be chosen. Students must apply via the Foundation Scholarship Application, and if selected, submit a thank you letter before receiving the scholarship.
2. This is a one-time award and will not be renewed for an additional year.

A certificate which entitles them to a \$500 Presidential Scholarship will be presented at the High School awards night ceremony. Students who receive the \$500 scholarship will be awarded \$250 in the fall semester and \$250 in the spring semester of their Freshman year.

## Roane State Foundation Scholarships

Roane State Foundation awards more than 300 scholarships each year. Only one online application is required and applicants are matched up to scholarships with criteria established by the donors and the Roane State Foundation Board of Directors. The Foundation Scholarship Committee places emphasis on scholastic achievement, character, future promise, and financial need, in addition to any specific donor prerequisites.

All scholarship applications must be submitted between February 28 and May 31 each year for the upcoming fall/spring semesters. The scholarship application is available online at <http://www.roanestate.edu/scholarships> or call toll free at 1-866-GO2-RSCC ext. 4422 or 865-882-4507.

## Diversity Scholarships

Students must be either economically disadvantaged, first generation college students, or part of an under-represented ethnic population either at the college or in a program of study, and who have applied for federal student aid through the FAFSA. The Diversity Scholarship provides money to assist with tuition and fees. This application is available on the scholarship website.

## Athletic Scholarships

The college annually awards a number of athletic scholarships. For detailed information contact the Director of Athletics at <http://www.roanestate.edu/athletics> or call toll free at 1-866-GO2-RSCC ext. 4581 or 865-882-4581.

## Tennessee Education Lottery Scholarship Program

The Tennessee Lottery Scholarship began in 2004 for high school students. Since that time with additional enhancements, other students are now potentially eligible. Apply by filing a FAFSA at <http://www.fafsa.ed.gov>. *Application deadline is September 1 of each year for fall enrollment and February 1 for spring enrollment.* For additional information and specific eligibility requirements, go to <http://www.tn.gov/collegepays> and <http://www.roanestate.edu/financialaid>, or call 865-882-4545 or toll free 1-866-GO2-RSCC ext. 4545.

## Tennessee Promise

Beginning with the Class of 2015, high school students in Tennessee may apply for the Tennessee Promise scholarship, which can provide a last dollar scholarship for up to five (5) semesters. This last-dollar scholarship will cover the cost of tuition and mandatory fees that are left unpaid *after* Pell Grant, Tennessee Student Assistance Award (TSAA), Tennessee Educational Lottery Scholarship (HOPE and Aspire), and tuition discounts and fee waivers have been applied to the eligible student's account. For information on the application process and eligibility requirements, please visit the Tennessee Promise website at [www.tnpromise.gov](http://www.tnpromise.gov).

## Tennessee Reconnect

Beginning with the fall semester of 2018, eligible students may apply for the Tennessee Reconnect grant which provides a last dollar scholarship to cover the cost of tuition and mandatory fees that are left unpaid after Pell Grant, TSAA, tuition discounts and fee waivers have been applied to the student's account. For more information, please visit the Reconnect website.

## Student Resources

### Academic Advising

The Academic Advising Office serves as a resource to Success Coaches and Faculty Advisors as they advise students. Upon admission to the college, students will be assigned a Success Coach for initial advising and student support services. After 1-2 semesters, the student will transition to a faculty advisor who specializes in the student's major or area of study.

The Academic Advising Office is responsible for the DegreeWorks audit system, assigning faculty advisors, faculty advisor training, class scheduling, academic program planning and catalog updates, advising special populations and activities regarding articulation and transfer to 4-year colleges and universities. Staff are available on the Roane and Oak Ridge campuses.

### Counseling

The goal of Counseling is to help students manage obstacles that challenge their academic and life goals. Counselors provide short-term personal counseling, referrals to campus and community resources, and student disability services. For more information please visit [www.roanestate.edu/counseling](http://www.roanestate.edu/counseling) or [www.roanestate.edu/disabilityservices](http://www.roanestate.edu/disabilityservices). The office may be reached toll free at 1-866-462-7722 ext. 2003 or 865-481-2003.

## CTAT - Center for Teaching Arts and Technology

The Center for Teaching Arts and Technology supports Roane State Community College faculty and students in the effective use of instructional and educational technology in the classroom, as well as providing training for Brightspace by D2L/Momentum, the college's online learning management system. The Center staff members are also available to assist students with multimedia projects that require the use of technology.

CTAT has offices on the Harriman (L200) and Oak Ridge (B116) Campuses. Staff can be reached at (865) 882-4556. CTAT's website also has Student Training resources available for RSCC students.

## Disability Services

Roane State complies with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act (ADA) of 1990 (as amended in 2008). Any student who has a disability that would like to request reasonable accommodations must contact Disability Services to self-identify and to provide appropriate documentation of the disability from a qualified professional. Participation in the services is on a voluntary basis, and accommodations are coordinated on a case-by-case basis through Disability Services. Accommodations are not retroactive, and they do not roll from semester to semester. Students are required to schedule an appointment for accommodations Disability Services each semester before classes begin. The Disability Services Handbook, which outlines policies and procedures for obtaining services, may be accessed online at <http://www.roanestate.edu/disabilityservices>. The office may be reached toll free at 1-866-462-7722 ext. 2003 or 865-481-2003.

## Food Services

The Raider Cafe at the main campus and Anderson's Grille at the Oak Ridge Branch Campus are operated by private contractors for the express purpose of providing students with good quality food. Hours of operation are posted in the cafeteria area of the Oak Ridge Branch Campus and the Roane County Campus.

RSCC provides vending machines stocked with drinks, candies, chips, sweets, soup, and other items through a contractual agreement with a private vending contractor. To ensure that all vending products are fresh and good-tasting, the vendor replaces all unsold machine items on a regularly scheduled basis.

## Inclement Weather Information

RSCC recommends that students use their own discretion in attending classes when snow and icy conditions exist. Additional information on the cancellation of classes due to inclement weather is available from the Roane State homepage, local news media, and RaiderAlert, which sends safety and weather text messages to your mobile device. Students, faculty, and staff may enroll in RaiderAlert at <http://www.roanestate.edu/raideralert>.

## Learning Centers

The Learning Centers support the classroom experience by providing individual assistance, learning technology and other resources for students, and support services for faculty. We promote a positive and confident attitude toward learning. We offer an environment designed to help students take responsibility for their learning, learn efficiently, persist in their efforts to reach academic and career goals, and achieve academic excellence. Our secondary mission is to make our resources available to staff and community. There are Learning Centers on the Roane County Campus (L-211, second floor of the Library), the Cumberland County Campus (Rm. 159), and the Oak Ridge Branch Campus (Coffey Building, F-101). Visit our web site at <http://www.roanestate.edu/learningcenter> or call tollfree at 1-866-462-7222 ext. 4677 or 865-882-4677.

**Tutoring in Math, Science and Other Disciplines** - The Learning Centers provide tutoring in a variety of disciplines. Students can check the schedule for available tutors that is published on the Learning Center website, distributed around the campuses, and posted outside the Learning Centers.

**Writing Help** - Each center offers the following help to students: Writing consultations are available. The writing consultants (usually the director or a student writing tutor) do not edit or proofread writing assignments. When working with students, they focus on rhetorical and logical principles. Students are introduced to models of excellence in writing and challenged to think clearly and critically. We look for patterns of error and stress solid organization.

**The RSCC Online Writing Lab (OWL)** - It contains a number of online documents that students can access to help solve their writing and research problems. The documents include brief instructions for writing essays in various rhetorical modes, along with student samples; guidelines for writing research papers; help in using MLA style and quotations; and help with organization and writing introductions and conclusions. The OWL also includes a wealth of information for faculty, including links to other OWLs and professional sites across the country and to Web assignments. It can be accessed at <http://www.roanestate.edu/owl>.

**Online Tutoring** - The Learning Centers also provide free online learning assistance for Roane State students through SMARTTHINKING.COM. SMARTTHINKING provides online tutoring in General Chemistry, Organic Chemistry, Physics, Biology, Introduction to Human Anatomy and Physiology, Accounting, Economics, Introductory Finance, Spanish, and Statistics. Students will log in with their complete RaiderNet email address (username@roanestate.edu) for username and R# (including capital R) for password. Students may also access online tutoring by Roane State staff

through the Learning Center Online inside Momentum.

**Computer Use** - Each center is equipped with computers that have Microsoft Word, Excel, and other Microsoft products. Center staff members provide free basic computer instruction. It is not necessary to make an appointment to use a computer. The centers also provide RaiderNet access.

## Libraries

Roane State Libraries are here to help all Roane State students in every discipline. The librarians can help you find the books, articles, videos, databases and websites you need to succeed in your classes. They can also help you learn how to do research.

Roane State has libraries at the Harriman, Oak Ridge, and Scott campuses. They can send books from these three locations to any other Roane State teaching location. The libraries also offer eBooks, eJournals, online videos and other online resources to support students wherever they need to learn.

Using the library can make your life a lot easier. Phone: 1.866.462.7722, x 4553 (toll-free) or 865.882.4553. Our website is: <https://library.roanestate.edu>.

## Placement Office

Roane State's Placement Office offers a full range of job search services to students and alumni seeking employment opportunities. It is our goal to provide these services via the Placement webpage ([www.roanestate.edu/placement](http://www.roanestate.edu/placement)) as well as through contacting the Placement Office located on the Harriman campus. Services include assistance in resume and cover letter preparation; improving interview and presentation skills; providing individual counseling and group seminars to assist with a self-directed job search and any other necessary skills needed to help the applicant to be competitive in today's job market. RaiderRecruit is our online system where employers post their job opportunities and students/alumni upload their resumes which in turn will auto-match applicants with employers. This program also assists with many other job search resources customized to each student's preference. Career Spots employer/recruiter based videos focus on effective job search techniques as well as providing a Career Exploration library of 550 videos describing the specific job/occupation details of each.

Other services provided by the Placement Office include Co-op/Internship information and assistance; Federal Work Study placements; weekly job search articles and various other job search resource links to access when needed. Online services provide job search assistance 24/7. The Placement Director is always available to meet individual requests when needed.

## Student Handbook

The Student Handbook is found at [roanestate.edu/studenthandbook](http://roanestate.edu/studenthandbook)

Complaint Procedures are outlined in the Student Handbook.

## Academic Standards and Expectations

### Statement of Academic Integrity

An essential feature of any institution of higher learning is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. Plagiarism (the use of the intellectual property of someone else without giving proper credit), cheating, and other forms of academic dishonesty are prohibited. The instructor has the authority to assign an "F" or a zero for the exercise or examination, or to assign an "F" in the course, to a student found guilty of academic misconduct.

Each student is responsible for his/her own personal integrity and honor in academic life, and when accepting admittance to Roane State, affirms and

subscribes to this commitment to neither knowingly give nor receive any inappropriate assistance in academic work.

# Academic Program Opportunities

## Cooperative Education

The Cooperative Education program provides students with meaningful work experience related to their major field of study. The Placement Office at Roane State works with students and/or area employers to develop cooperative education experiences for Roane State students. These experiences allow the student to get practical on-the-job training prior to entering the work force. Cooperative education work assignments at Roane State are concurrent, meaning that the student is enrolled in coursework leading to an associate degree while working.

Students must be in good academic standing and have completed 12 semester hours of coursework in their major (excluding Academic Development courses). A student may earn a maximum of 12 semester hours of co-op credit which may then be used toward general elective credit in the program of study. Students interested in receiving co-operative education credit must be registered with the Placement Office, however registration does not guarantee a successful co-op placement.

Co-op students must work a minimum of 10 hours per week over a 15-week period to receive co-op credit. While most co-op experiences are paid positions, some grant academic credit only.

All participants will be evaluated by the employing supervisor and will receive either a letter grade or pass/fail at the conclusion of the semester. Students are also asked to evaluate the employer and write a summary of the co-op experience. Visit <http://www.roanestate.edu/placement> for more information or to contact the Placement Coordinator toll free at 1-866-462-7722 ext. 4695 or 865-882-4695.

## Honors Program

The Honors Program is the core of a variety of enrichment opportunities available at Roane State. The program offers a unique course of study to the most promising students at the college. The program, in affiliation with the National Collegiate Honors Council, is designed around the concept of student initiative and academic achievement. It is designed for students who want more from their collegiate experience. It provides opportunities to experience learning at a deeper level while having some responsibility for expression in creative academic projects. Honors serves students who work hard, raise questions, and seek answers.

The Honors Program maintains strict standards for admission and participation. However, there are no extra fees to pay and many services are provided at no cost to the students. The most important criterion for success is each student's motivation and dedication to learning.

### Admission Requirements

You may apply to the program if you are a:

- Freshman who has attained a 3.5 GPA in high school and/or scored 25 or higher on the ACT
- Current RSCC student who has attained a 3.5 GPA with a minimum of 12 college level credits
- Transfer student who has attained 3.5 GPA with at least 12 college-level credits from another accredited institution.

NOTE: Some exceptions to these requirements are made based on a personal interview.

Honors students enjoy benefits such as field trips, social gatherings, cultural events, special programs and presentations. Members of the Honors Program are invited to join Phi Theta Kappa International Honor Society, which provides many transfer scholarships to four-year institutions.

Those who earn twelve hours of Honors credit and maintain at least a 3.3 GPA graduate as an Honors Associate and receive a certificate. Those who earn eighteen hours and maintain a 3.3 GPA graduate from the Honors Program and receive an Honors diploma. All Honors graduates and Phi Theta Kappa members receive special recognition at graduation. For more information visit <http://www.roanestate.edu/honorsprogram> or call toll free at 1-866-462-7722 ext. 4271 or ext. 2010 or 865-354-3000 ext. 4271 or ext. 2010.

## International Education

Roane State Community College strives to provide International Education opportunities by bringing the world to our students and by bringing the college and the beauty of the Tennessee mountains to the world.

The International Education Office offers our Tennessee students, faculty and staff the opportunity to experience other cultures and life-styles and, through friendship and knowledge, embrace the world. These are not simply tourist travels: our experienced faculty is dedicated to true cultural immersion and deep sociological experiences.

Our International Students Office welcomes international students and collaborates with academic deans to offer a wide range of the highest quality learning opportunities. See <http://www.roanestate.edu/internationaleducation> for more information or call toll free at 1-866-462-7722 ext. 4643 or 865-882-4643.

## Classroom Expectations

### Attendance Regulations

1. Attendance of classes and other official appointments is expected and may be included in the calculation of a student's final grade.
2. An explanation of absences should be given to instructors. This information should be presented in advance if possible.
3. Absences are counted from the first scheduled meeting of the class. *Non-attendance does not constitute a withdrawal from classes or from the college.* Procedures to formally drop a course or to withdraw from the college must be followed. *Following these procedures may prevent a failing grade on a student's transcript.*
4. Some Health Science and Nursing programs may have attendance requirements that affect progress or retention in the program. Contact the program director for detailed information.
5. Attendance will be monitored for students who receive Title IV financial aid funds. Lack of attendance could mandate administrative withdrawal and necessitate the repayment of financial aid funds.

### Cell Phone Use

The use of cell phones within the classroom setting is expressly prohibited. All cell phones should be placed on silent mode, put away, and kept out of sight for the duration of the class.

### Children on Campus

Children should not be brought to the classroom or left unattended in any RSCC location. Out of consideration to fellow students, faculty and staff, and for safety reasons, please secure appropriate baby-sitting services off-campus.

### Student Emergency Calls

The only option the college has to locate a student on campus is via the student's class schedule. We will not be able to locate you if you are not in class. Therefore there must be an extreme emergency to justify interrupting the classroom. The office of the Assistant Vice President and Dean of Students will determine the legitimacy of the emergency call. An extreme emergency would include a sick child needing to be picked up at daycare; a serious injury to a family member; a death in the family, or other traumatizing event. The classroom will not be disturbed to deliver a message to remind the student to take care of personal business matters such as your work schedule; keeping doctor appointments; to pay your bills; to stop by the grocery store. These issues have to be managed by the student outside the classroom. Please make sure you communicate daily with relevant family members and others about your whereabouts especially if your schedule changes in any way. Remember, we cannot locate you if you are not in class should a legitimate emergency arise. You may contact the office of the Assistant Vice President and Dean of Students if you have questions at 865-882-4550.

## Academic and Classroom Misconduct

1. The instructor has the primary responsibility for maintenance of academic integrity and controlling classroom behavior, and can order the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct that violates the general rules and policies of the institution for each class session during which the conduct occurs. Extended or permanent exclusion from the classroom, beyond the session in which the conduct occurred, or further disciplinary action can be effected only through appropriate procedures of the institution.
2. Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions which may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an appropriate grade, including an “F” or a “zero” for the exercise or examination. In cases where the instructor imposes Summary Academic Discipline by assigning an “F” for the course rather than a single exercise or assignment, the instructor shall make a written notification to the appropriate Academic Dean and the Dean of Students for an “F” to be assigned to the class in question. Disciplinary sanctions will be imposed only through appropriate institutional disciplinary processes coordinated by the Dean of Student Students when deemed necessary.
3. Students may appeal a grade assignment associated with a finding of academic misconduct, as distinct from a student disciplinary sanction, through appropriate institutional academic misconduct or grade appeal procedures. Courses may not be dropped pending the final resolution of an allegation of academic misconduct. At RSCC, an administrative hold may be placed on the student’s registration by the Registrar per notification to the appropriate Academic Dean pending final resolution of the allegation of academic misconduct. In order to initiate an administrative hold for suspicion of academic misconduct, an instructor will notify the appropriate Academic Dean. If the Academic Dean is satisfied that an administrative hold is warranted, he/she will notify the Registrar, who will implement the hold. The administrative hold may be implemented even if the student has dropped the course in question. If the allegation is disproven, the administrative hold will be lifted by the Registrar as directed by the appropriate Academic Dean or Vice-President of Student Learning. Grade appeal procedures can be found at [roanestate.edu/catalog/?id=238](http://roanestate.edu/catalog/?id=238).
4. Disruptive behavior in the classroom may be defined as, but not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students and professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), text messaging, and the continued use of any electronic or other noise or light emitting device which disturbs others (e.g., disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.).
5. Other conduct violations as described in handbooks for specific programs of study.

For further information regarding Academic Misconduct, please refer to the RSCC Academic Misconduct web page: [roanestate.edu/?7825-Academic-Misconduct](http://roanestate.edu/?7825-Academic-Misconduct).

For further information regarding the Student Disciplinary Policy, please refer to RSCC SA-06-01 Student Disciplinary Policy.

## Freedom of Speech and Expression

TBR policy reflects the commitment of the Board of Regents and the institutions it governs to freedom of speech and expression for all students and all faculty.

<https://policies.tbr.edu/policies/freedom-speech-and-expression>

# Academic Programs

## General Education Mission and Purpose

### General Education Philosophy

As productive members of a democracy, our students must accept the responsibility of making important decisions. The General Education curriculum is designed to enable students to develop the skills needed to identify problems, research and evaluate alternative solutions, and implement decisions. An ability to solve problems by using quantitative and qualitative reasoning and contemporary technologies is critical for success in the professional world and for evaluating matters of local, national, and global importance. Likewise, an ability to communicate well in a competitive and technological world is crucial to the success of our students. For communities to improve their social, economic, and physical environments, citizens must be able to express their ideas in writing and speech, listen and evaluate multiple viewpoints, and respectfully debate possible courses of action based on an informed context. The General Education curriculum at Roane State is built upon objectives that prepare students to attain these skills.

### RSCC General Education Mission

Roane State Community College's teaching and learning mission is grounded in a commitment to provide students with learning experiences, built on general education competencies that will prepare them to become life-long learners. As a member of the Tennessee Board of Regents (TBR) System, Roane State supports the philosophy that students should develop broad knowledge and skills in the areas of communication, humanities/fine arts, social/behavioral sciences, history, natural sciences, and mathematics. Roane State's general education core curriculum integrates these competencies into the courses for which they are appropriate.

## Courses Fulfilling General Education Requirements

Although the courses fulfilling the minimum degree requirements may vary in actual design among institutions, many contain similar content. These courses are identified by common course rubrics (prefixes and numbers) in all TBR institutions to facilitate transferability. The actual courses designated by each institution to fulfill the Minimum Degree Requirements, including courses that may not be a part of the common course prefix and numbering pattern, are listed below. A complete matrix of courses that satisfy the Minimum Degree Requirements at all TBR institutions and an explanation of the common course rubric and numbering system are available on the TBR website (<http://www.tbr.edu>).

### Communication

ENGL 1010 Composition I  
 ENGL 1020 Composition II  
 COMM 2025 Fundamentals of Communication

### Humanities and/or Fine Arts

ART 1035 Introduction to Art  
 ART 2000 Art History Survey I  
 ART 2020 Art History Survey II  
 ENGL 2110 Early American Literature  
 ENGL 2120 Modern American Literature  
 ENGL 2210 Early British Literature  
 ENGL 2220 Modern British Literature  
 ENGL 2310 Early World Literature  
 ENGL 2320 Modern World Literature  
 HUM 1010 Early Humanities



MUS	1030	Introduction to Music
PHIL	1030	Introduction to Philosophy
PHIL	1040	Introduction to Ethics
PHIL	2200	Introduction to World Religions
PHIL	2640	Science and the Modern World
THEA	1030	Introduction to Theatre

#### **Social/Behavioral Sciences**

ANTH	1130	Introduction to Physical Anthropology
ANTH	1230	Introduction to Cultural Anthropology
ANTH	1430	Introduction to Prehistoric Archeology
ANTH	2150	Native American Studies
ECON	2100	Principles of Macroeconomics
ECON	2200	Principles of Microeconomics
GEOG	2010	World Regional Geography
INTL	1010	Introduction to Global Studies
POLS	1030	American Government
POLS	1010	Introduction to Political Science
POLS	2025	State and Local Government (effective Fall 2019)
PSYC	1030	Introduction to Psychology
PSYC	2210	Biological Basis of Behavior
PSYC	2130	Lifespan Development Psychology
SOCI	1010	Introduction to Sociology
SOCI	1040	Social Problems
WELL	1010	Lifetime Wellness

#### **History**

HIST	2210	Early Western Civilization
HIST	2220	Modern Western Civilization
HIST	2310	Early World History
HIST	2320	Modern World History
HIST	2010	Early United States History
HIST	2020	Modern United States History
HIST	2030	Tennessee History

#### **Natural Sciences**

ASTR	1010	Solar System Astronomy
ASTR	1020	Stars + Galaxies Astronomy
BIOL	1110	General Biology I
BIOL	1120	General Biology II
BIOL	2010	Human Anatomy and Physiology I
BIOL	1510	Environmental Science I
BIOL	2020	Human Anatomy and Physiology II
CHEM	1010	Introductory Chemistry I
CHEM	1020	Introductory Chemistry II
CHEM	1110	General Chemistry I
CHEM	1120	General Chemistry II
GEOL	1040	Physical Geology

GEOL	1050	Historical Geology
PHYS	1010	Introductory Physics I
PHYS	2010	Non-Calculus Based Physics I
PHYS	2020	Non-Calculus Based Physics II
PHYS	2110	Calculus Based Physics I
PHYS	2120	Calculus Based Physics II
PSCI	1030	Survey of Physical Science

### Mathematics

MATH	1010	Math for General Studies
MATH	1130	College Algebra
MATH	1410	Number Concepts for Teachers
MATH	1530	Introductory Statistics
MATH	1630	Finite Mathematics
MATH	1720	Precalculus Trigonometry
MATH	1730	Pre-Calculus
MATH	1830	Applied Calculus
MATH	1910	Calculus I

# Transfer to a University

Students who desire to earn a Bachelor of Arts or Bachelor of Science degree at a four-year college or university may complete the first two years of study at Roane State by enrolling in an Associate of Arts (AA), Associate of Science (AS), Associate of Fine Arts(AFA), or Associate of Science in Teaching(AST) degree program. The advantages of taking the first two years at Roane State include:

- Roane State's tuition and fees are among the lowest of any of Tennessee's colleges and universities.
- Roane State's class size is generally smaller which lends itself to more individualized instruction.
- Obtaining an Associate's degree allows a student to have credentials for employment while completing his/her baccalaureate degree.

### Transfer Program Options

#### Tennessee Transfer Pathways

Tennessee Transfer Pathways (TTP) help students who plan to transfer to Tennessee public universities to complete their baccalaureate degrees. A student who completes all the courses listed on a TTP will earn an AA or AS degree from Roane State and is guaranteed that all the courses will count toward that university major. The Tennessee Transfer Pathways' prescribed curriculum must be followed exactly to ensure all credit hours transfer. Particular universities or programs may have additional requirements that apply. Admission into a university does not guarantee admission into a particular college or academic program. Roane State encourages student to contact his/her four year institution early in their academic program for additional requirement information. For more information go to: [www.roanestate.edu/academicprograms](http://www.roanestate.edu/academicprograms)

#### Articulation Agreements

Not all majors/programs are available through the Tennessee Transfer Pathways. Articulation Agreements exist to assist students with course selection for a particular senior institution and major. The agreements specify a curriculum that has been agreed upon by Roane State and a four-year college or university to satisfy degree requirements at both institutions. Completion of the first and second year of the agreement results in the completion of an AA or AS degree at Roane State. The remaining requirements for the third and fourth year are those required by the four-year college/university. For more information go to: [www.roanestate.edu/articulation](http://www.roanestate.edu/articulation)

#### Course Equivalencies

In the event that a student selects a major or college/university for which there is no Tennessee Transfer Pathway, or articulation agreement, the student may use the course equivalency tables to choose transferable courses and will follow the requirements for the AA or AS degree. The acceptance of RSCC courses for transfer and the fulfillment of degree requirements rests with the four-year college/university. A complete listing of course-by-course equivalencies is available at [www.roanestate.edu/articulation](http://www.roanestate.edu/articulation)

# Associate of Arts (AA) and Associate of Science (AS) Degrees - Requirements

## Communication: All Required

ENGL 1010 Composition I  
 ENGL 1020 Composition II  
 COMM 2025 Fundamentals of Communication

## Literature: One course \*(ENGL 1020 is a prerequisite)

ENGL 2110 Early American Literature  
 ENGL 2120 Modern American Literature  
 ENGL 2210 Early British Literature  
 ENGL 2220 Modern British Literature  
 ENGL 2310 Early World Literature  
 ENGL 2320 Modern World Literature

## Humanities/Fine Arts: 2 courses

ART 2000 Art History Survey I  
 ART 2020 Art History Survey II  
 ART 1035 Introduction to Art  
 HUM 1010 Early Humanities  
 MUS 1030 Introduction to Music  
 PHIL 1030 Intro to Philosophy  
 PHIL 1040 Introduction to Ethics  
 PHIL 2200 Introduction to World Religions  
 PHIL 2640 Science and the Modern World  
 THEA 1030 Intro to Theater  
 Any other ENGL Literature course\*  
 \*(ENGL1020 is a prerequisite)

## Social Science: 2 courses

ANTH 1130 Intro to Physical Anthropology  
 ANTH 1230 Intro to Cultural Anthropology  
 ANTH 1430 Intro to Prehistoric Archaeology  
 ANTH 2150 Native American Studies  
 ECON 2100 Principles of Macroeconomics  
 ECON 2200 Principles of Microeconomics  
 GEOG 2010 World Regional Geography  
 INTL 1010 Intro to Global Studies  
 POLS 1030 American Government  
 POLS 1010 Introduction to Political Science  
 POLS 2025 State and Local Government (Effective Fall 2019)  
 PSYC 1030 Introduction to Psychology  
 PSYC 2210 Biological Basis of Behavior  
 PSYC 2130 Lifespan Development Psychology  
 SOCI 1010 Intro to Sociology  
 SOCI 1040 Social Problems  
 WELL 1010 Lifetime Wellness

## History: 2 course sequence

HIST 2210/2220 Early Western Civilization and Modern Western Civilization  
 HIST 2310/2320 Early World History and Modern World History  
 HIST 2010/2020 Early United States History and Modern United States History  
 HIST 2030 TN History (may substitute for 1 US History course)  
 (Check with your senior institution before taking history)

## Natural Science: 2 courses

ASTR 1010/1020 Solar System Astronomy and Stars + Galaxies Astronomy  
 BIOL 1110/1120 Gen Biology  
 BIOL 2010/2020 Anatomy and Physiology

CHEM 1010/1020 Introductory Chemistry I and II  
 CHEM 1110/1120 General Chemistry  
 GEOL 1040/1050 Phys/Historical Geology  
 PHYS 1010 Introductory Physics I  
 PHYS 2010/2020 Non-Calc Physics  
 PHYS 2110/2120 Calculus-Based Physics  
 PSCI 1030 Survey of Physical Science

**Mathematics: 1 course**

MATH 1010 Math for General Studies  
 MATH 1130 College Algebra  
 MATH 1410 Number Concepts for Teachers  
 MATH 1530 Introductory Statistics  
 MATH 1630 Finite Math  
 MATH 1720 Precalculus Trigonometry  
 MATH 1730 Pre-Calculus  
 MATH 1830 Applied Calculus  
 MATH 1910 Calculus I

**Transferrable Electives: 19 credit hours required**

Students should select appropriate electives for their intended major at the four-year institution. For the A.A. degree, a student must complete 6 credit hours of foreign language as part of the electives.

**Total minimum required credit hours for the AA or AS degree: 60**

## Transferability of Courses to Tennessee Board of Regents (TBR) Institutions

Although the courses designated by TBR institutions to fulfill the requirements of the general education subject categories vary, transfer of the courses is assured through the following means:

- Upon completion of an A.A. or A.S. degree, the requirements of the lower division general education core will be complete and accepted by a TBR university in the transfer process.
- If an A.A. or A.S. is not obtained, transfer of general education courses will be based upon fulfillment of complete subject categories. (Example: If all eight hours in the category of Natural Sciences are complete, then this “block” of the general education core is complete.) When a subject category is incomplete, course-by-course evaluation will be conducted. The provision of block fulfillment pertains also to students who transfer among TBR universities.
- Institutional/departmental requirements of the grade of “C” will be honored. Even if credit is granted for a course, any specific requirements for the grade of “C” by the receiving institution will be enforced.
- In certain majors, specific courses must be taken also in general education. It is important that students and advisors be aware of any major requirements that must be fulfilled under lower-division general education.

A complete listing of the courses fulfilling general education requirements for all TBR institutions is available on the TBR website (<http://www.tbr.edu>) under Transfer and Articulation Information.

Every TBR institution incorporates the 41 semester hours listed above into its degree program requirements and accepts all courses designated as meeting these requirements at other TBR institutions. By ensuring the transferability of courses fulfilling the Minimum Degree Requirements, the TBR has eliminated unnecessary repetition of these courses by students transferring to institutions within the TBR system. Because each TBR institution has a unique mission and its own distinctive curriculum, an institution may require students to complete additional courses in the Minimum Degree subject areas and in other areas that may comprise an institutional General Education Program. Students planning to receive a bachelor of arts or associate of arts degree must demonstrate proficiency in a foreign language as prescribed in the institutional degree requirements.

# Academic Plans

## Accounting (UTPS UAC)

Students who follow this academic plan will receive an Associate of Science with a concentration in Accounting.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
INFS	1010	Computer Applications	3
MATH	1530	Introductory Statistics <sup>1</sup>	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
MATH	1130	College Algebra (Recommended) OR MATH 1630 Finite Math <sup>2</sup>	3
		Natural Science Elective	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
MATH	1830	Applied Calculus <sup>3</sup>	3
ACCT	1010	Accounting I	3
		Literature Elective	3
		History Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ECON	2200	Principles of Microeconomics	3
ACCT	1020	Accounting II	3
		History Elective	3

	Electives	4
	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>Students who plan to transfer to the University of Tennessee, Knoxville must complete MATH 2050, Calculus-based Probability and Statistics.

<sup>2</sup>Students transferring to APSU, ETSU, MTSU, TSU, or UT Knoxville should take MATH 1630. Students transferring to TTU, University of Memphis, UT Chattanooga, or UT Martin should take a college algebra course.

<sup>3</sup>Applied Calculus or equivalent is required at ETSU, UT Knoxville, University of Memphis, UT Chattanooga, TSU, and TTU only. Applied Calculus or equivalent is NOT required at UT Martin, APSU, or MTSU.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<http://www.roanestate.edu/?10638-Tennessee-Transfer-Pathway-AS-Accounting>

## Agriculture (TPAS AGRI)

Students who follow this academic plan will receive an Associate of Science with a concentration in Agriculture.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<http://www.roanestate.edu/?10606-Transfer-Program-AS-Agriculture>



## Anthropology/AA (UTPA UANT)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Anthropology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics (Recommended) or General Education Math	3
ANTH	1230	Introduction to Cultural Anthropology	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>19</b>
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit colleges or universities Register for next term		
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
ANTH	1130	Introduction to Physical Anthropology	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Decide on transfer institution Register for next term		
<b>2nd Fall</b>			<b>Hours</b>
ANTH	1430	Introduction to Prehistoric Archaeology	3
		Literature Elective	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Course <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept	Complete Application for Graduation		
Oct	Meet with Faculty Advisor		
Nov	Apply for admission to transfer institution Register for next term		
<b>2nd Spring</b>			<b>Hours</b>
ANTH	2150	Native American Studies	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Course <sup>1</sup>	3
		Elective	1
<b>TERM TOTAL</b>			<b>13</b>
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup> For the Associate of Arts degree, 6 hours of Foreign language is required. Students who plan to transfer to UT Martin or University of Memphis will need to be at the 2000-level competency of foreign language to earn the Bachelor of Arts degree.

<sup>2</sup>Students who plan to transfer to UT Knoxville will be required to complete an additional Mathematics course from the following: MATH 1010, 1530, 1630, 1830 or 1910.

<sup>3</sup>Students who plan to transfer to UT Knoxville will be required to complete - HIST 2210: Early Western Civilization and HIST 2220: Modern Western Civilization

<sup>4</sup>Students who plan to transfer to UT Martin should take the BIOL 1110/1120 sequence

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<http://www.roanestate.edu/?11088-Tennessee-Transfer-Pathway-AA-Anthropology>

## Anthropology/AS (UTPS UANT)

Students who follow this academic plan will receive an Associate of Science with a concentration in Anthropology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics (Recommended) or General Education Math	3
ANTH	1230	Introduction to Cultural Anthropology	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>19</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges or universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
ANTH	1130	Introduction to Physical Anthropology	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
ANTH	1430	Introduction to Prehistoric Archaeology	3
		Literature Elective	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
ANTH	2150	Native American Studies	3
		History Elective	3
		Social/Behavioral Science Elective	3
		Elective	4
<b>TERM TOTAL</b>			<b>13</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	

**TOTAL HOURS****63**

\*Students to plan to transfer to UT Knoxville will be required to complete an additional Mathematics course from the following: MATH 1010, 1530, 1630, 1830 or 1910.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution. Consult with your faculty advisor.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<http://www.roanestate.edu/?11089-Tennessee-Transfer-Pathway-AS-Anthropology>

## Art-Studio (UTPA UARS)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Art-Studio.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
ART	1045	Drawing I	3
ART	1110	Foundations Studio I	3
COMM	2025	Fundamentals of Communication	3
MATH	1010	Math for General Studies (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>18</b>

#### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
ART	1120	Foundations Studio II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Studio Art Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ART	1050	Drawing II	3
ART	2000	Art History Survey I	3
		Literature Elective	3
		History Elective	3
		Foreign Language	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ART	2020	Art History Survey II	3
		Natural Science Elective	4
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language	3

	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>65</b>

\*Students who attend Community Colleges that do not offer ART 2010 and 2020 will complete these courses upon transfer to a University. These students will complete requirements in the Humanities/Fine Arts as prescribed at the Community College where they are enrolled.

\*\*Students who plan to attend East Tennessee State University or the University of Tennessee Knoxville will complete Drawing I and a three-hour elective course in Studio Art rather than Drawing II.

\*\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be selected carefully to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

<http://www.roanestate.edu/?10625-Tennessee-Transfer-Pathway-AA-Art-Studio>

## Biology (UTPS UBIO)

Students who follow this academic plan will receive an Associate of Science with a concentration in Biology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
CHEM	1110	General Chemistry I	4
BIOL	1110	General Biology I	4
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II	4
BIOL	1120	General Biology II	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
MATH	1910	Calculus I	4
CHEM	2010	Organic Chemistry I <sup>1</sup>	4
		Literature Elective	3
		History Elective	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
MATH	1920	Calculus II <sup>2</sup> (Recommended) OR MATH 1530 Introductory Statistics	3-4
CHEM	2020	Organic Chemistry II <sup>1</sup>	4
		History Elective	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16-17</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63-64**

<sup>1</sup>At UT Knoxville, this sequence **must** be Organic Chemistry I and either a course in Cell Biology with a lab or Genetics with a lab.

<sup>2</sup>At UT Knoxville or MTSU, the mathematics course **must** be Calculus II.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<http://www.roanestate.edu/?10640-Tennessee-Transfer-Pathway-AS-Biology>



## Business Administration (UTPS UBA)

Students who follow this academic plan will receive an Associate of Science with a concentration in Business Administration.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
ACCT	1010	Accounting I	3
INFS	1010	Computer Applications	3
MATH	1530	Introductory Statistics <sup>1</sup>	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit Colleges or Universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
ACCT	1020	Accounting II	3
MATH	1630	Finite Math <sup>2</sup> (Recommended) OR MATH 1130 College Algebra <sup>2</sup>	3
COMM	2025	Fundamentals of Communication	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- Apr Decide on transfer institution  
Register for next

<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
MATH	1830	Applied Calculus <sup>3</sup>	3
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ECON	2200	Principles of Microeconomics	3
		History Elective	3
		Natural Science Elective	4
		Electives	4
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about Registration/ Financial Aid	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-based Probability and Statistics.

<sup>2</sup>Students who plan to transfer to APSU, ETSU, MTSU, TSU, or UT Knoxville should take MATH 1630. Students who plan to transfer to TTU, University of Memphis, UT Chattanooga, or UT Martin should take MATH 1130.

<sup>3</sup> MATH 1830-Applied Calculus or equivalent is required at ETSU, UT Knoxville, University of Memphis, UT Chattanooga, TSU, and TTU **only**. Applied Calculus or equivalent is **not** required at APSU, MTSU, or UT Martin.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10639-Tennessee-Transfer-Pathway-AS-Business-Administration>

## Chemistry (UTPS UCH)

Students who follow this academic plan will receive an Associate of Science with a concentration in Chemistry.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition 1	3
CHEM	1110	General Chemistry I	4
MATH	1910	Calculus I	4
COMM	2025	Fundamentals of Communication	3
		Social Science Elective	3
<b>Term Total</b>			<b>20</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II	4
MATH	1920	Calculus II	4
		Social Science Elective	3
		Humanities Elective	3
<b>Term Total</b>			<b>17</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- Apr Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CHEM	2010	Organic Chemistry I	4
PHYS	2110	Calculus-based Physics I	4
		Literature Elective	3
		History Elective	3
<b>Term Total</b>			<b>14</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CHEM	2020	Organic Chemistry II	4
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Humanities Elective	3
<b>Term Total</b>			<b>14</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS****65**

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?10642-Tennessee-Transfer-Pathway-AS-Chemistry>

## Civil Engineering (UTPS UCE)

Students who follow this academic plan will receive an Associate of Science with a concentration in Civil Engineering.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
COMM	2025	Fundamentals of Communication	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>19</b>
Action Items			
	Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
	Nov	Visit colleges or universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
CHEM	1110	General Chemistry I	4
		Humanities Elective	3
		Social Science Elective	3
		<b>TERM TOTAL</b>	<b>17</b>
Action Items			
	Mar	Meet with Success Coach or Advisor	
	April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
PHYS	2110	Calculus-based Physics I	4
MATH	2110	Calculus III	4
ENGR	2110	Statics	3
MATH	2010	Introduction to Linear Algebra (Recommended) OR MATH 2050 Calculus Based Prob/Stats	3
		History Elective	3
		<b>TERM TOTAL</b>	<b>17</b>
Action Items			
	Sept	Complete Application for Graduation	
	Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
	Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
PHYS	2120	Calculus-based Physics II	4
ENGR	2120	Dynamics	3
MATH	2120	Differential Equations	3
		History Elective	3
		Literature Elective	3
		<b>TERM TOTAL</b>	<b>16</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**69**

- Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a University.
- Courses in Engineering Technology do not fulfill any of the requirements for the Area of Emphasis in Civil Engineering.
- Although it is possible to complete the B.S. Degree in Civil Engineering in four semesters after earning an Associate's Degree, students typically need five or six semesters to complete the requirements.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?10641-Tennessee-Transfer-Pathway-AS-Civil-Engineering>

## Computer Art and Design/AA (TPAA CADS)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Computer Art and Design.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Mathematics Elective	3
ART	1110	Foundations Studio I (Recommended) OR Elective	3
<b>TERM TOTAL</b>			<b>19</b>

#### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
ART	2000	Art History Survey I (Recommended) OR Humanities Elective	3
ART	1045	Drawing I (Recommended) OR Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
ART	2000	Art History Survey I (Recommended) OR Humanities Elective	3
ART	1420	Computer Art (Recommended) OR Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
ART	1430	Computer Art II (Recommended) OR Elective	3
		Foreign Language Elective	3

Elective	1
<b>TERM TOTAL</b>	<b>13</b>

## Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Contact transfer institution about registration/financial aid

<b>TOTAL HOURS</b>	<b>63</b>
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\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Humanities Division 865-354-3000, x4567

<https://www.roanestate.edu/?10601-Transfer-Program-AA-Computer-Art-and-Design>



## Computer Art and Design/AS (TPAS CADS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Computer Art and Design.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Mathematics Elective	3
ART	1045	Drawing I (Recommended) OR Elective	3
<b>TERM TOTAL</b>			<b>19</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
ART	2000	Art History Survey I (Recommended) OR Humanities Elective	3
ART	1050	Drawing II (Recommended) OR Elective	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
ART	2020	Art History Survey II (Recommended) OR Humanities Elective	3
ART	1110	Two Dimensional Design (Recommended) OR Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3

ART	1120	Three Dimensional Design (Recommended) OR Elective	3
		Electives	4
		<b>TERM TOTAL</b>	<b>13</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	
		<b>TOTAL HOURS</b>	<b>63</b>

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Humanities Division 865-354-3000, x4567

<https://www.roanestate.edu/?10608-Transfer-Program-AS-Computer-Art-and-Design>

## Computer Science (TPAS CSCI)

Students who follow this academic plan will receive an Associate of Science with a concentration in Computer Science.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
MATH	1910	Calculus I	4
		Natural Science Elective <sup>1</sup>	4
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
		Social/Behavioral Science Elective	3
		Natural Science Elective <sup>1</sup>	4
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CISP	1010	Computer Science I	4
MATH	2010	Introduction to Linear Algebra	3
		History Elective	3
		Humanities Elective	3
		Literature Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CISP	1020	Computer Science II	4
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Contact transfer institution about registration/financial aid

**TOTAL HOURS****63**

<sup>1</sup>Students planning to transfer to the University of Tennessee Knoxville must complete PHYS 2110 and 2120.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?11314-Transfer-Program-AS-Computer-Science>

## Criminal Justice/AA (UTPA UCJ)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Criminal Justice.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
SOCI	1010	Introduction to Sociology	3
CRMJ	1010	Introduction to Criminal Justice	3
		Natural Science Elective	4
		Mathematics Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
PSYC	1030	Introduction to Psychology	3
CRMJ	1020	Introduction to the Legal Process	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CRMJ	2010	Introduction to Law Enforcement	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CRMJ	2020	Introduction to Corrections	3
		History Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
		Elective	1
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	63

All Elective courses should be carefully selected to meet requirements at transfer institution.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10626-Tennessee-Transfer-Pathway-AA-Criminal-Justice>

## Criminal Justice/AS (UTPS UCJ)

Students who follow this academic plan will receive an Associate of Science with a concentration in Criminal Justice.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
SOCI	1010	Introduction to Sociology	3
CRMJ	1010	Introduction to Criminal Justice	3
		Natural Science Elective	4
		Mathematics Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
PSYC	1030	Introduction to Psychology	3
CRMJ	1020	Introduction to the Legal Process	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CRMJ	2010	Introduction to Law Enforcement	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CRMJ	2020	Introduction to Corrections	3
CRMJ	1020	Introduction to the Legal Process	3
		History Elective	3
		Humanities Elective	3
		Electives	4
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

All Elective courses should be carefully selected to meet requirements at transfer institution.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10643-Tennessee-Transfer-Pathway-AS-Criminal-Justice>



## Economics/AA (UTPA UECL)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Economics.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics <sup>1</sup>	3
		Natural Science Elective	4
		Foreign Language Elective	3
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>19</b>
Action Items			
Sept		Meet with Success Coach or Faculty Advisor	
Oct		Complete FAFSA for upcoming Fall term	
Nov		Visit college and universities Register for next term	
<b>1st Spring</b>			
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
		Foreign Language Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>16</b>
Action Items			
Mar		Meet with Success Coach or Faculty Advisor	
Apr		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			
ECON	2100	Principles of Macroeconomics	3
HIST		History Elective	3
MATH	1830	Applied Calculus <sup>2</sup>	3
ENGL		Literature Elective	3
		Guided Electives <sup>3</sup>	3
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Apply for admission to transfer institution Register for next term Complete FAFSA for upcoming fall term	
<b>2nd Spring</b>			
ECON	2200	Principles of Microeconomics	3
HIST		History Elective	3
		Guided Electives <sup>3</sup>	7
		<b>TERM TOTAL</b>	<b>13</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	
		<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup> Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-based Probability and Statistics.

<sup>2</sup> MATH 1830 or equivalent is required at ETSU and UT Knoxville for the Economics B.A. degree. MATH 1830 or equivalent is NOT required at University of Memphis for the Economic B.A. degree

<sup>3</sup> Consult with an advisor from the university to which you intend to transfer for recommended Guided Electives.

\*All Elective courses should be carefully selected to meet requirements at transfer institution.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This TN Transfer Pathway is designed for transfer to an Economics Major, B.A. Degree, in the College of Business and Technology at East Tennessee State University, in the College of Arts and Sciences at the University of Memphis, and in the College of Arts and Sciences at the University of Tennessee Knoxville. For more information: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Social Science, Business and Education, 865-354-3000 x 4582

<https://www.roanestate.edu/?10627-Tennessee-Transfer-Pathway-AA-Economics-Arts-and-Sciences>

## Economics/AS (UTPS UECL)

Students who follow this academic plan will receive an Associate of Science with a concentration in Economics.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics <sup>1</sup> (Recommended) OR MATH 2050 Calculus Based Prob/Stats	3
ACCT	1010	Principles of Accounting I	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
ACCT	1020	Principles of Accounting II	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
MATH	1830	Applied Calculus <sup>2</sup>	3
INFS	1010	Computer Applications	3
		History Elective	3
		Literature Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
ECON	2200	Principles of Microeconomics	3
MATH	1130	College Algebra <sup>3</sup> (Recommended) OR MATH 1630 Finite Mathematics <sup>3</sup>	3
		History Elective	3
		Electives	4
		Humanities Elective	3

**TERM TOTAL****13**

## Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

<sup>1</sup>Students who plan to transfer to UT Knoxville should complete MATH 2050, Calculus-Based Probability and Statistics.

<sup>2</sup>MATH 1830 or equivalent is required at ETSU, UT Knoxville, University of Memphis, UT Chattanooga, Tennessee State University, and Tennessee Tech University only. MATH 1830 or equivalent is NOT required at UT Martin, APSU, or MTSU.

<sup>3</sup>Students transferring to APSU, ETSU, MTSU, TSU, or UT Knoxville should complete MATH 1630. Students transferring to TTU, University of Memphis, UTC, or UTM should take MATH 1130.

\*All elective courses should be carefully selected to meet requirements at transfer institution.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

This pathway is designed for transfer as an Economics Major, B.S., B.B.A., or B.S.B.A. degrees, in Colleges or Schools of Business at any public university in Tennessee. Students who intend to transfer into the Economics Major, B.S. Degree, in the College of Liberal Arts at Middle Tennessee State University OR the College of Arts and Sciences at the University of Tennessee Chattanooga should NOT take the Principles of Accounting I and II sequence. Such students should consult their advisor or the Economics department at the university to which they intend to transfer for guidance on elective choices.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

<https://www.roanestate.edu/?10645-Tennessee-Transfer-Pathway-AS-Economics-Business>

## Education: Early Childhood PreK-3/AST (UTPT UPK3)

Students who follow this academic plan will receive an Associate of Science in Teaching- Early Childhood Education.

The A.S.T. curriculum in Early Childhood Education is designed for students who wish to complete the first two years of a program toward teacher certification in PreK-3 and then transfer to a 4-year college/university for the completion of their Bachelor's degree. Due to varying requirements of four-year institutions, students are encouraged to select courses in consultation with an education advisor.

### Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average
2. Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
3. Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
ECED	1310	Introduction to Early Childhood Education	3
		Mathematics Elective	3
BIOL	1110	General Biology I	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sep Attend EDU Group Advising Session
- Oct Meet with Success Coach or Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
ECED	2320	Infant, Toddler, and Child Development	3
		History Elective	3
COMM	2025	Fundamentals of Communication	3
MATH	1410	Number Concepts for Teachers	3
EDU	101	Introduction to Teaching	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Feb Attend EDU Group Advising Session  
Decide on Transfer Institution
- Mar Meet with Success Coach or Faculty Advisor
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ECED	2340	Family Dynamics and Community Involvement	3
MATH	1420	Geometry Concepts for Teachers	3
GEOL	1040	Physical Geology (Recommended) <i>or</i> GEOL 1050 Historical Geology <i>or</i> ASTR 1010 Solar System Astronomy	4
		Literature Elective	3
		History Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Attend EDU Group Advising Session  
Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Take Praxis Core (if needed)  
Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>		<b>Hours</b>
ECED	2360 Development of Exceptional Children (Recommended) OR EDU 111 Introduction to Educating Exceptional Children	3
GEOG	2010 World Regional Geography	3
MUS	1030 Introduction to Music (Recommended) OR ART 1035 Introduction to Art	3
	Humanities Elective	3
	Social/Behavioral Science Elective	3
	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Feb	Attend Education Group Advising Session Praxis Core Workshop (if needed) Re-take Praxis Core (if needed) Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid Disposition Forms due	
	<b>TOTAL HOURS</b>	<b>65</b>

<sup>1</sup> For transfer to APSU, ETSU, UM, UTC, and UTK, Math 1530 is required. At UTM, and TSU, MATH 1130: College Algebra is required.

<sup>2</sup> Neither University of Memphis nor UT Knoxville has ECED 2360: Development of Exceptional Children in its PreK-3 Curriculum and students transferring to either University of Memphis or UT Knoxville will have to take one other course after transfer.

<sup>3</sup> Students who plan to transfer to UT Knoxville should take 2000-level foreign language instead of MATH 1410; University of Memphis does not require completion of MATH 1410.

<sup>4</sup> Students who plan to transfer to ETSU must take EDU 211 Educational Psychology course instead of MATH 1420

\* History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

Students transferring to a UT or TBR university may need to meet additional requirements to gain admittance to the university's early childhood program. Transferring students should check with the university for specific program requirements. All Elective courses should be carefully selected to meet requirements at transfer institution.

**Dispositions:** One disposition must be completed by each of the following:

- K-12 teacher or principal
- RSCC education professor
- RSCC general education professor

Visit this link to complete the disposition form: <https://www.roanestate.edu/pages/edudisposition/studententry.asp>

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

<https://www.roanestate.edu/?10792-Tennessee-Transfer-Pathway-AST-Teaching-Early-Childhood-Education-Pre-K-3>

## Education: Elementary K-5 (UTPT UEK5)

Students who follow this academic plan will receive an Associate of Science in Teaching-Elementary Education.

The A.S.T. curriculum is designed for students who wish to complete the first two years of a program toward teacher certification in K-5 (elementary education) and then transfer to a Tennessee Board of Regents University for the completion of their four year degree. This curriculum will meet the lower division requirements for transfer to a Tennessee Board of Regents senior institution granting the bachelor's degree in elementary education. Due to varying requirements of four-year institutions, students are encouraged to select courses in consultation with an education advisor. *Students who plan to transfer to the University of Tennessee or any other non-TBR university should contact their advisor for appropriate degree and transfer information.*

### Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average.
2. Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
3. Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

1st Fall			Hours
COLS	1010	Study, Organize, Succeed	3
EDU	101	Introduction to Teaching	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics (Recommended) OR MATH Elective	3
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Sept Attend EDU Department Advising Session
- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
EDU	111	Intro to Education of Exceptional Children	3
ENGL	1020	Composition II	3
BIOL	1110	General Biology I	4
ART	1035	Introduction to Art (Recommended) OR MUS 1030 Introduction to Music	3
MATH	1410	Number Concepts for Teachers	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Feb Attend EDU Department Advising Session  
Decide on transfer institution
- Mar Meet with Success Coach or Advisor
- Apr Register for next term

2nd Fall			Hours
GEOG	2010	World Regional Geography	3
		Literature Elective	3
HIST	2010	Early United States History	3
MATH	1420	Geometry Concepts for Teachers	3
GEOL	1040	Physical Geology (Recommended) OR GEOL 1050 Historical Geology or ASTR 1010 Solar System Astronomy	4
<b>TERM TOTAL</b>			<b>16</b>

## Action Items

Sept	Complete Application for Graduation Attend EDU Advising Session
Oct	Meet with Faculty Advisor Praxis Core Workshop (if needed) Complete FAFSA for upcoming fall term
Nov	Take Praxis Core (if needed) Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
EDU	211	Educational Psychology	3
HIST	2020	Modern United States History	3
POLS	1030	American Government	3
PSCI	1030	Survey of Physical Science	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

## Action Items

Feb	Attend EDU Advising Session Praxis Core Workshop (if needed) Re-take Praxis Core (if needed)	
Mar	Take Exit Exam (ETS Proficiency Profile) Disposition Forms Due	
<b>TOTAL HOURS</b>		<b>63</b>

One disposition must be completed by each of the following:

- K-12 teacher or principal
- RSCC education professor
- RSCC general education professor

Visit this link to complete the disposition form: <https://www.roanestate.edu/pages/edudisposition/studententry.asp>

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required. Students who plan to transfer to UT Chattanooga must take one World History course.

\*\*Students who plan to transfer to UT Chattanooga must take MATH 1530: Introductory Statistics, UT Martin - MATH 1130: College Algebra is required.

\*\*\*Students who plan to transfer to ETSU must take an Educational Psychology course

\*\*\*\*Students who plan to transfer to MTSU are required to have an ACT of 22 or passing Praxis test scores.

This is a Tennessee Transfer Pathway (TTP): <http://www.tntransferpathway.org/>

<https://www.roanestate.edu/?6702-Elementary-Education-K-5>



## Education: Physical Education Grades K-12 (UTPS UPED)

Students who follow this academic plan will receive an Associate of Science with a concentration in Physical Education.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
COMM	2025	Fundamentals of Communication	3
WELL	1010	Lifetime Wellness	3
PSYC	1030	Introduction to Psychology	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1010	Math for General Studies (Recommended) or Math Elective	3
EDU	101	Intro to the Teaching Profession <sup>4</sup>	3
HEA	221	Safety, First Aid and CPR	3
HEA	227	Introduction to Exercise Science	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		History Elective <sup>1</sup>	3
		Humanities Elective <sup>2</sup>	3
		Literature Elective	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective <sup>3</sup>	4
		Electives <sup>5</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Complete Application to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
PHED	2100	Teaching of Team & Individual Sports	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective <sup>3</sup>	4
		Humanities Elective	3
		Electives <sup>5</sup>	4
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS****63**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

<sup>1</sup>Students should confer with their advisor or a representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to UTK should take a 6 credit hours of a non- U.S. History sequence to fulfill the History requirements.

<sup>2</sup>Students who intend to transfer to UTM should take one fine arts class and one humanities class.

<sup>3</sup>TTU recommends BIOL 2010: Human Anatomy and Physiology I. MTSU requires two different sciences.

<sup>4</sup>Students who intend to transfer to MTSU or University of Memphis do not need to take this course. Instead students are encouraged to take additional physical education activity elective courses.

<sup>5</sup>Students who intend to transfer to TTU should take Educational Psychology and an additional 4 credit hour Natural Science course with lab that completes a Natural Science General Education sequence.

UT-Knoxville does not offer Physical Education as a teacher licensure program.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

## Education: Secondary English Grades 6-12 (UTPT USEE)

Students who follow this academic plan will receive an Associate of Science in Teaching (AST) Secondary Education/English.

The A.S.T. curriculum in Secondary Education/English is designed for students who wish to complete the first two years of a program toward teacher certification in Secondary Education/English for grades 6-12. Upon completion of the degree, students should plan to transfer to a college or university offering such an endorsement. Due to varying requirements of four-year institutions, students are encouraged to identify their four-year school by the end of the first year of enrollment at Roane State. Courses selected to fulfill requirements should be carefully selected with an education advisor.

### Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average
2. Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
3. Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
EDU	101	Introduction to Teaching	3
COMM	2025	Fundamentals of Communication	3
MATH	1530	Introductory Statistics (Recommended) OR MATH Elective	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Sep Attend Education Group Advising Session
- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
EDU	211	Educational Psychology (Recommended) OR EDU 111-Intro to Educating Exceptional Children	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Feb Attend Education Group Advising Session
- Mar Meet with Success Coach or Advisor
- April Decide on Transfer Institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ENGL	2320	Modern World Literature	3
PSYC	1030	Intro to Psychology	3
		Foreign Language Elective	3
		History Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

Sept	Attend Education Group Advising Session Complete Application to Graduate with Faculty Advisor	
Oct	Meet with Faculty Advisor	
Nov	Apply for admission to transfer institution Take Praxis Core (if needed) Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	Literature Elective	3
	Foreign Language Elective	3
	History Elective	3
MUS 1030	Introduction to Music (Recommended) OR ART 1035 Introduction to Art	3
	Elective	1
	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Attend Education Group Advising Session Praxis Core Workshop (if needed) Re-Take Praxis Core (if needed) Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>60</b>

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

Students should confer with their advisor or representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to UTK should take 6 credit hours of a non-U.S. History sequence to fulfill the History requirements. UTC requires that one of the History courses be U.S. History.

Students who intend to transfer to UTC should make MATH 1530: Introductory Statistics.

Students who intend to transfer to MTSU's, TSU's, ETSU's, or UTK's secondary education program should follow the English AA/AS TTP and not the AST TTP. ETSU and UTK recommend and MTSU requires that students take education courses after transfer.

Students who intend to take the Praxis exam should take MATH 1420 to prepare.

**DISPOSITIONS**-One disposition must be completed by each of the following:

- K-12 teacher or principal
- RSCC education professor
- RSCC general education professor

Visit this link to complete the disposition form: <https://www.roanestate.edu/pages/edudisposition/studententry.asp>

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

## Education: Secondary Mathematics Grades 6-12 (UTPT USEM)

Students pursuing this program will receive an Associate of Science in Teaching-Secondary Education/ Mathematics.

The A.S.T. curriculum in Secondary Education/Mathematics is designed for students who wish to complete the first two years of a program toward teacher certification in Secondary Education/Mathematics for grades 6-12. Upon completion of the degree, students should plan to transfer to a college or university offering such an endorsement. Due to varying requirements of four-year institutions, students are encouraged to identify their four-year school by the end of the first year of enrollment at Roane State. Courses selected to fulfill requirements should be carefully selected with an education advisor.

### Additional Degree Requirements:

1. Attainment of a 2.75 cumulative grade point average
2. Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
3. Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

1st Fall			Hours
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
EDU	101	Intro to Teaching	3
COMM	2025	Fundamentals of Communication	3
MATH	1910	Calculus I	4
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Sep Attend Education Group Advising Session
- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit Transfer Institutions  
Register for next term

1st Spring			Hours
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
		Humanities Elective	3
		Social/Behavioral Science Elective	6
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Feb Attend Education Group Advising Session  
Decide on Transfer Institution
- Mar Meet with Success Coach or Advisor
- April Register for next term

2nd Fall			Hours
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
MATH	2010	Introduction to Linear Algebra	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Sept Attend Education Group Advising Session  
Complete Application to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor

	Nov	Take Praxis Core (if needed) Apply for admission to Transfer Institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Natural Science Elective	4
MATH	2110	Calculus III	4
MATH	2120	Differential Equations	3
		Elective	1
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
	Feb	Attend Education Group Advising Session Praxis Core Workshop (if needed) Re-Take Praxis Core (if needed)	
	Mar	Take Exit Exam (ETS Proficiency Profile) Disposition Forms Due	
		<b>TOTAL HOURS</b>	<b>63</b>

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

Students who intend to transfer to MTSU's, ETSU's, or UTK's secondary education program should follow the Mathematics AA/AS TTP and not the AST TTP. ETSU and UTK recommend and MTSU requires that students take education courses after transfer. Students who intend to transfer to TTU or UTM should take EDU 101.

Students should confer with their advisor or representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to UTK should take a 6 credit hours of a non-U.S. History sequence to fulfill the History requirements. UTC requires that one of the History courses be a non-Western culture course.

UM requires two of the following three courses to satisfy the social behavioral science requirement: Survey of World Regions, Intro to Cultural Geography, or American Government; UM also requires Intro to Biology and lab in place of PHYS 1040.

PHYS or CHEM are recommended for the Science courses. Students who intend to transfer to UTC should take either calculus-based Physics sequence. UTM requires an additional Chemistry sequence 1010/1020 and PHYS.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

**DISPOSITIONS** - One disposition must be completed by each of the following:

- K-12 teacher or principal
- RSCC education professor
- RSCC general education professor

Visit this link to complete the disposition form: <https://www.roanestate.edu/pages/edudisposition/studententry.asp>

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<http://www.roanestate.edu/?11957-Tennessee-Transfer-Pathway-AST-Secondary-Education-Mathematics>

## Education: Secondary Social Studies Grades 6-12 (UTPT USES)

Students who follow this academic plan will receive an Associate of Science in Teaching (AST)-Secondary Education/Social Studies.

The A.S.T. curriculum in Secondary Education/Social Studies is designed for students who wish to complete the first two years of a program toward teacher certification in Secondary Education/Social Studies for grades 6-12. Upon completion of the degree, students should plan to transfer to a college or university offering such an endorsement. Due to varying requirements of four-year institutions, students are encouraged to identify their four-year school by the end of the first year of enrollment at Roane State. Courses selected to fulfill requirements should be carefully selected with an education advisor.

### Additional Degree Requirements:

Students earning an AST degree must meet the following:

1. Attainment of a 2.75 cumulative grade point average
2. Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
3. Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

<b>1st Fall</b>	<b>Hours</b>		
COLS 1010	Study, Organize, Succeed		3
ENGL 1010	Composition I		3
EDU 101	Introduction to Teaching		3
COMM 2025	Fundamentals of Communication		3
HIST 2010	Early United States History		3
	<b>TERM TOTAL</b>		<b>15</b>
Action Items			
Sep	Attend Education Group Advising Session		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Visit Transfer Institutions Register for next term		
<b>1st Spring</b>		<b>Hours</b>	
ENGL 1020	Composition II		3
EDU 211	Educational Psychology		3
MATH 1530	Introductory Statistics (Recommended) OR MATH Elective		3
HIST 2020	Modern United States History		3
	Natural Science Elective		4
	<b>TERM TOTAL</b>		<b>16</b>
Action Items			
Feb	Attend Education Group Advising Session Decide on Transfer Institution		
Mar	Meet with Success Coach or Advisor		
April	Register for next term		
<b>2nd Fall</b>		<b>Hours</b>	
	Literature Elective		3
GEOG 2010	World Regional Geography		3
ECON 2100	Principles of Macroeconomics		3
HIST 2310	Early World History		3
	Natural Science Elective		4
	<b>TERM TOTAL</b>		<b>16</b>

## Action Items

- Sept Attend Education Group Advising Session  
Complete Application to Graduate with Faculty Advisor
- Oct Praxis Core Workshop (if needed)  
Meet with Advisor  
Complete FAFSA for upcoming Fall term
- Nov Take Praxis Core (if needed)  
Apply for admission to Transfer Institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
HIST	2320	Modern World History	3
ECON	2200	Principles of Microeconomics	3
POLS	1030	American Government (Recommended) OR SOC1 1010 Intro to Sociology	3
MUS	1030	Introduction to Music (Recommended) OR ART 1035 Introduction to Art	3
		Humanities Elective	3
		Elective	1
<b>TERM TOTAL</b>			<b>16</b>

## Action Items

- Feb Attend Education Group Advising Session  
Praxis Core Workshop (if needed)  
Re-Take Praxis Core (if needed)
- Mar Take Exit Exam (ETS Proficiency Profile)  
Disposition Forms Due

**TOTAL HOURS** **63**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

Because there are multiple areas in licensure in Social Studies, please read the following statements carefully:

-Students seeking Secondary Education towards licensure in History need to follow the AS History (TN Transfer Pathway).

-Students who plan to transfer to UT Knoxville should follow the AS History(TN Transfer Pathway) for all social studies-related licensures.

-Students who intend to transfer to ETSU's or MTSU's secondary education program should follow the respective AA or AS TN Transfer Pathway for their particular major and not the AST Secondary Social Studies. MTSU requires that students take education courses after transfer.

All Elective courses should be carefully selected to meet requirements at transfer institution.

\*Students pursuing a licensure area in Government or who plan to transfer to UTC or TTU should take POLS 1030: American Government

\*\*Students transferring to UT Knoxville- a sequence in Natural Science is required \*\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<http://www.roanestate.edu/?11958-Tennessee-Transfer-Pathway-AST-Secondary-Education-Social-Studies>



## Education: Special Education K-12 (UTPT USED)

Students who follow this academic plan will receive an Associate of Science in Teaching with a concentration in Special Education.

### Additional Degree Requirements:

- Attainment of a 2.75 cumulative grade point average.
- Successful completion of Praxis Core Test or ACT score of 21 or higher (See action items below)
- Satisfactory rating on an index of suitability (dispositions) for the teaching profession. (See note below)

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
EDU	101	Intro to the Teaching Profession	3
MATH	1530	Introductory Statistics	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Sep Attend EDU Group Advising Session
- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
EDU	111	Intro to Educating Exceptional Children	3
BIOL	1110	General Biology I	4
MUS	1030	Introduction to Music (Recommended) OR ART 1035 Introduction to Art	3
MATH	1410	Number Concepts for Teachers	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Feb Attend EDU Group Advising Session
- Mar Meet with Success Coach or Faculty Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
GEOG	2010	World Regional Geography	3
GEOL	1040	Physical Geology I (Recommended) OR Natural Science Elective	4
MATH	1420	Geometry Concepts for Teachers	3
HIST	2010	Early United States History	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Sept Attend EDU Group Advising Session  
Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term

Nov Take Praxis Core (if needed)  
Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
EDU	211	Educational Psychology	3
PSCI	1030	Survey of Physical Science	4
HIST	2020	Modern United States History	3
POLS	1030	American Government	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

Action Items

Feb Praxis Core Workshop (if needed)  
Re-Take Praxis Core (if needed)  
Attend Education Group Advising Session  
Take Exit Exam (ETS Proficiency Profile)

Mar Disposition Forms Due  
Contact transfer institution about registration/financial aid

**TOTAL HOURS 63**

\*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

**Dispositions:** One disposition must be completed by each of the following:

- K-12 teacher or principal
- RSCC education professor
- RSCC general education professor

Visit this link to complete the disposition form: <https://www.roanestate.edu/pages/edudisposition/studententry.asp>

This program is a TN Transfer Pathway.

For further information: Social Science, Business and Education Division 865-354-3000, x4567

<https://www.roanestate.edu/?10612-Transfer-Program-AS-Education-Special>

## Electrical Engineering (UTPS UEE)

Students who follow this academic plan will receive an Associate of Science with a concentration in Electrical Engineering.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
CHEM	1110	General Chemistry	4
PSYC	1030	Introduction to Psychology (Recommended) or Social/Behaviorial Science Elective	3
MUS	1030	Introduction to Music (Recommended) or Humanities Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
MATH	1920	Calculus II	4
		Humanities Elective	3
		Social/Behaviorial Science Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
PHYS	2110	Calculus-Based Physics	4
MATH	2110	Calculus III	4
MATH	2010	Introduction to Linear Algebra	3
CISP	1010	Computer Science Programming	3
		History Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
PHYS	2120	Calculus-Based Physics II	4
MATH	2120	Differential Equations	3
ENGR	2130	Electrical Circuits I with Lab	4
		History Elective	3
		Literature Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**70**

- Students are encouraged to take two courses, Circuits II and Digital Design, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Electrical Engineering.
- Although it is possible to complete the B.S. Degree in Electrical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

\*All Elective courses should be carefully selected to meet requirements at transfer institution.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Mathematics and Sciences, 865-354-3000, ext 4758.

<https://www.roanestate.edu/?10896-Tennessee-Transfer-Pathway-AS-Electrical-Engineering>

## English (UTPA UENG)

Students who follow this academic plan will receive an Associate of Arts with a concentration in English.

<b>1st Fall</b>		<b>Hours</b>
COLS	1010 Study, Organize, Succeed	3
ENGL	1010 Composition I	3
COMM	2025 Fundamentals of Communication	3
	Foreign Language Elective	3
	Natural Science Elective	4
	Social Science Elective	3
	<b>TERM TOTAL</b>	<b>19</b>
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
<b>1st Spring</b>		<b>Hours</b>
ENGL	1020 Composition II	3
	Foreign Language Elective	3
	Natural Science Elective	4
	Social Science Elective	3
	Math Elective	3
	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Mar	Meet with Success Coach or Advisor	
Apr	Decide on transfer institution Register for next term	
<b>2nd Fall</b>		<b>Hours</b>
	Foreign Language Elective	3
	Literature Electives <sup>1</sup>	6
	History Elective	3
	Humanities Elective	3
	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	Foreign Language Elective	3
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Elective	1
	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>Two courses (2)

\*All Elective courses should be carefully selected to meet requirements at the transfer institution.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Humanities Division, 865-354-3000 x 4567

<https://www.roanestate.edu/?10629-Tennessee-Transfer-Pathway-AA-English>

## Exercise Science (UTPS UEX)

Students who follow this academic plan will receive an Associate of Science with a concentration in Exercise Science.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
HEA	227	Introduction to Exercise Science	3
COMM	2025	Fundamentals of Communication	3
		Elective	3
		<b>TERM TOTAL</b>	<b>19</b>
Action Items			
	Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
	Nov	Visit colleges or universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	2020	Human Anatomy and Physiology II	4
HEA	201	Principles of Nutrition	3
		Mathematics Elective	3
		PHED Elective/Activity	1
		<b>TERM TOTAL</b>	<b>14</b>
Action Items			
	Mar	Meet with Success Coach or Advisor	
	April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
HEA	221	Safety, First Aid, and CPR	3
WELL	1010	Lifetime Wellness	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
	Sept	Complete Application for Graduation	
	Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
	Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
HEA	225	Care and Prevention of Athletic Injuries	3
PSYC	1030	Introduction to Psychology	3
		History Elective	3
		Humanities Elective	3
		PHED Elective/Activity	1
		Elective	2
		<b>TERM TOTAL</b>	<b>15</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

All Elective courses should be carefully selected to meet requirements at transfer institution.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Social Science, Business and Education, 865-354-3000 x 4582

<https://www.roanestate.edu/?10646-Tennessee-Transfer-Pathway-AS-Exercise-Science>



## Foreign Language (UTPA UFL)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Foreign Language.

<b>1st Fall</b>		<b>Hours</b>
COLS	1010 Study, Organize, Succeed	3
ENGL	1010 Composition I	3
	1010 Foreign Language Elective	3
	Natural Science Elective	4
	Math Elective	3
	Elective	3
	<b>TERM TOTAL</b>	<b>19</b>
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
<b>1st Spring</b>		<b>Hours</b>
ENGL	1020 Composition II	3
COMM	2025 Fundamentals of Communication	3
	1020 Foreign Language Elective	3
	Natural Science Elective	4
	Social/Behavioral Science Elective	3
	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Mar	Meet with Success Coach or Advisor	
April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>		<b>Hours</b>
	2010 Foreign Language Elective	3
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Elective	2
	<b>TERM TOTAL</b>	<b>14</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	2020 Foreign Language Elective	3
	History Elective	3
	Humanities Elective	3
	Social/Behavioral Science Elective	3
	Elective	2
	<b>TERM TOTAL</b>	<b>14</b>
Action Items		

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

Please check websites of University Departments of Foreign Language for additional information regarding advisement available to students majoring in Foreign Language.

\*All Elective courses should be carefully selected to meet requirements at the transfer institution.

\*\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

For further information: Humanities Division, 865-354-3000 x 4567

<https://www.roanestate.edu/?10630-Tennessee-Transfer-Pathway-AA-Foreign-Language>

## Forestry (TPAS FORS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Forestry.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
MATH	1830	Applied Calculus (Recommended) OR Elective course	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CHEM	1110	General Chemistry (Recommended) OR Elective course	6
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CHEM	1120	General Chemistry II (Recommended) OR Elective course(s)	7
		History Elective	3
		Social/Behavioral Science Elective	3

	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

\*Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<https://www.roanestate.edu/?10613-Transfer-Program-AS-Forestry>

## General Studies/AA (TPAA GENL)

Students who follow this academic plan will receive an Associate of Arts with a concentration in General Studies.

<b>1st Fall</b>		<b>Hours</b>
COLS	1010 Study, Organize, Succeed	3
ENGL	1010 Composition I	3
COMM	2025 Fundamentals of Communication	3
	Natural Science Elective	4
	Mathematics Elective	3
	Foreign Language Elective	3
	<b>TERM TOTAL</b>	<b>19</b>
Action Items		
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
<b>1st Spring</b>		<b>Hours</b>
ENGL	1020 Composition II	3
	Natural Science Elective	4
	Social/Behavioral Science Elective	3
	Humanities Elective	3
	Foreign Language Elective	3
	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Mar	Meet with Success Coach or Advisor	
April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>		<b>Hours</b>
	Literature Elective	3
	History Elective	3
	Humanities Elective	3
	Electives	6
	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	History Elective	3
	Social/Behavioral Science Elective	3
	Electives	7
	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

\* Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

<https://www.roanestate.edu/?10602-Transfer-Program-AA-General>

## General Studies/AS (TPAS GENL)

Students who follow this academic plan will receive an Associate of Science with a concentration in General Studies.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Mathematics Elective	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
<b>TERM TOTAL</b>			<b>13</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	
<b>TOTAL HOURS</b>			<b>60</b>

\* Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the

senior institution they have selected.

**\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.**

<https://www.roanestate.edu/?10614-Transfer-Program-AS-General>



## Geosciences (UTPS UGEO)

Students who follow this academic plan will receive an Associate of Science with a concentration in Geosciences.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
GEOL	1040	Physical Geology	4
COMM	2025	Fundamentals of Communication	3
MATH	1130	College Algebra	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
GEOL	1050	Historical Geology	4
GEOG	2010	World Regional Geography	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CHEM	1110	General Chemistry I	4
ECON	2100	Principles of Macroeconomics (Recommended) OR Social Science Elective	3
BIOL	1110	General Biology (Recommended) OR Science or Math General Education course*	4
		Literature Elective	3
		History Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CHEM	1120	General Chemistry II	4
ECON	2200	Principles of Microeconomics (Recommended) OR General Elective course	3
		History Elective	3
		Humanities Elective	3
BIOL	1120	General Biology II (Recommended) OR Science or Math General Education course*	4
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

\*Refer to transfer institution's program and concentration for required mathematics and/or science electives.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?11221-Tennessee-Transfer-Pathway-AS-Geosciences>

## History/AA (UTPA UHST)

Students who follow this academic plan will receive an Associate of Arts with a concentration in History.

### Effective Fall 2019

			<b>Hours</b>
<b>1st Fall</b>			
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
		Humanities Elective	3
		Foreign Language Elective	3
HIST	2010	Early United States History	3
		Math Elective	3
<b>TERM TOTAL</b>			<b>18</b>
Action Items			
	Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
	Nov	Visit colleges or universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
		Foreign Language Elective	3
HIST	2020	Modern United States History	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
	Mar	Meet with Success Coach or Advisor	
	April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
HIST	2210	Early Western Civilization (Recommended) or HIST 2310 -Early World History	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Electives	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
	Sept	Complete Application for Graduation	
	Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
	Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
HIST	2220	Modern Western Civilization (Recommended) or HIST 2320 Modern World History	3
HIST		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>
Action Items			

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**62**

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required. This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

<https://www.roanestate.edu/?10631-Tennessee-Transfer-Pathway-AA-History>

## History/AS (UTPS UHST)

Students who follow this academic plan will receive an Associate of Science with a concentration in History.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
		Humanities Elective	3
HIST	2010	Early United States History	3
		Math Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges or universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
HIST	2030	Tennessee History (Recommended) or Elective Course	3
HIST	2020	Modern US History	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
HIST	2210	Early Western Civilization (Recommended) or HIST 2310 Early World History	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
HIST	2220	Modern Western Civilization(Recommended) or HIST 2320 Modern World History	3
HIST	2320	Modern World History (Recommended) OR Elective course	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Elective	1
		History Elective	3

	<b>TERM TOTAL</b>	<b>17</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required. This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education, 865-354-3000 x 4582

<https://www.roanestate.edu/?10647-Tennessee-Transfer-Pathway-AS-History>

## Information Systems (UTPS UIS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Information Systems.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
ACCT	1010	Accounting I	3
MATH	1530	Introductory Statistics <sup>1</sup>	3
INFS	1010	Computer Applications <sup>2</sup>	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
ACCT	1020	Accounting II	3
MATH	1830	Applied Calculus	3
COMM	2025	Fundamentals of Communication	
		Electives	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
MATH	1630	Finite Math	3
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ECON	2200	Principles of Microeconomics	3
		History Elective	3
		Humanities Elective	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63-66**

<sup>1</sup>Students who plan to transfer to University of Tennessee must complete MATH 2050, Calculus-Based Probability and Statistics.

<sup>2</sup>Students who plan to transfer to Austin Peay State University, East Tennessee State University, and the University of Tennessee Chattanooga must complete CISP 1010 and 1020, Computer Science I and II (Programming) instead of INFS 1010, Computer Applications. For these students, the total Degree Hours will be 66.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

<https://www.roanestate.edu/?10648-Tennessee-Transfer-Pathway-AS-Information-Systems>



## International Affairs (UTPA UIA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in International Affairs.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
MATH	1530	Introductory Statistics	3
POLS	1010	Introduction to Political Science (Recommended) or choose from World Perspective listing below <sup>1</sup>	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>19</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges or universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
GEOG	2010	World Regional Geography (Recommended) or choose from World Perspective listing below <sup>1</sup>	3
		Humanities Elective	3
		Natural Science Elective	4
		Elective course	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
		Foreign Language	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		Social/Behavioral Science Elective	3
		History Elective	3
		Foreign Language	3
		Electives	4
<b>TERM TOTAL</b>			<b>13</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>World Perspectives course choices: Must choose at least two (2) from this category.

GEOG 2010, World Geography

PHIL 201, Intro to Religions of the World

ECON 2020, Microeconomics

POLS 1025, Intro to Political Science

HIST 1220, World History II

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution. University International Affairs majors may need to be at or above the 2000-level competency of foreign language to earn a bachelor's degree.

For further information: Social Science, Business and Education Department, 865-354-3000, x4582.

<https://www.roanestate.edu/?10897-Tennessee-Transfer-Pathway-AA-International-Affairs>

## Kinesiology (UTPS UKI)

Students who follow this academic plan will receive an Associate of Science with a concentration in Kinesiology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1830	Applied Calculus (Recommended) OR MATH 1910 Calculus I	3-4
HEA	227	Introduction to Exercise Science	3
CHEM	1110	General Chemistry I	4
		Elective	1-2
		<b>TERM TOTAL</b>	<b>17-19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
HEA	201	Principles of Nutrition	3
PSYC	1030	Introduction to Psychology	3
CHEM	1120	General Chemistry II	4
COMM	2025	Fundamentals of Communication	3
		<b>TERM TOTAL</b>	<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
HEA	221	Safety, First Aid, and CPR	3
PHYS	2010	Non-calculus based Physics (Recommended) OR PHYS 2110 Calculus-based Physics	4
		Literature Elective	3
		History Elective	3
		PHED Course/Activity	1
		<b>TERM TOTAL</b>	<b>14</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
HEA	225	Care and Prevention of Athletic Injuries	3
WELL	1010	Lifetime Wellness	3
		History Elective	3
		Humanities Elective	6
		PHED Course/Activity	1

	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63-65</b>

Upon transfer to the University of Tennessee Knoxville, students need to complete PHYS 222 (Calculus-Based Physics II) and BCMB 230 (Human Physiology) in the first semester of enrollment.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?10649-Tennessee-Transfer-Pathway-AS-Kinesiology>

## Mass Communications/AA (UTPA UMC)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Mass Communications.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MCOM	1010	Survey of Mass Communications	3
COMM	2025	Fundamentals of Communication	3
		Math Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MCOM	1020	Introduction to Media Writing	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		Elective	1
		Mass Communication Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Mass Communications Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>Practicum courses are excluded as acceptable electives.

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

<https://www.roanestate.edu/?10632-Tennessee-Transfer-Pathway-AA-Mass-Communications>

## Mass Communications/AS (UTPS UMC)

Students who follow this academic plan will receive an Associate of Science with a concentration in Mass Communications.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MCOM	1010	Survey of Mass Communications	3
COMM	2025	Fundamentals of Communication	3
		Math Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MCOM	1020	Introduction to Media Writing	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Natural Science Elective	4
		Elective	1
		Mass Communication Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Mass Communications Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>Practicum courses are excluded as acceptable electives.

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4567

<https://www.roanestate.edu/?10650-Tennessee-Transfer-Pathway-AS-Mass-Communications>



## Mathematics (UTPS UMTH)

Students who follow this academic plan will receive an Associate of Science with a concentration in Mathematics.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
		Social/Behavioral Science Elective <sup>1</sup>	3
		Elective	1
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges or universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
COMM	2025	Fundamentals of Communication	3
CITC	1301	Introduction to Programming and Logic (Recommended) OR CITC 1310 Programming I or CITC 1312 Introduction to .NET Programming	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
MATH	2110	Calculus III	4
MATH	2010	Introduction to Linear Algebra	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
MATH	2120	Differential Equations	3
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective <sup>1</sup>	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>Students who wish to pursue a concentration in actuarial science available at the University of Tennessee, Chattanooga; Middle Tennessee State University; or Tennessee State University should complete Microeconomics and Macroeconomics to fulfill the requirement in social/behavioral sciences.

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

<https://www.roanestate.edu/?10652-Tennessee-Transfer-Pathway-AS-Mathematics>

## Mechanical Engineering (UTPS UME)

Students who follow this academic plan will receive an Associate of Science with a concentration in Mechanical Engineering.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
CHEM	1110	General Chemistry I	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Meet with colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
COMM	2025	Fundamentals of Communication	3
		Social/Behavioral Science Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
MATH	2110	Calculus III	4
ENGR	2110	Statics	3
PHYS	2110	Calculus-based Physics I	4
MATH	2010	Introduction to Linear Algebra	3
		History Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
MATH	2120	Differential Equations	3
ENGR	2120	Dynamics	3
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Social/Behavioral Science	3
		Literature Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**69**

- Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Mechanical Engineering.
- Although it is possible to complete the B. S. Degree in Mechanical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required. This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

<https://www.roanestate.edu/?10651-Tennessee-Transfer-Pathway-AS-Mechanical-Engineering>

## Music/AFA (UTPF UMUS)

Students may transfer into any music-related major (performance, education, composition, musicology, therapy, etc.) from this degree program. Details of appropriate instrument and ensemble study must be discussed with a faculty advisor.

Students who follow this academic plan will receive an Associate of Fine Arts.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
		Mathematics Elective	3
MUS	1057	Music Theory I	3
MUS	1058	Ear Training I	1
MUS	1030	Introduction to Music	3
MUS	010	Solo Class	0
		Lessons	2
		Ensemble	1
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
		Social/Behavioral Science Elective	3
MUS	1155	Music Theory II	3
MUS	1156	Ear Training II	1
MUS	010	Solo Class	0
		Lessons	2
		Ensemble	1
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		History Elective	3
		Natural Science Elective	4
MUS	2055	Music Theory III	3
MUS	2056	Ear Training III	1
MUS	1027	Class Piano I	1
MUS	010	Solo Class	0
		Lessons	2
		Ensemble	1
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation

	Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
	Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
MUS	1127	Class Piano II	1
MUS	010	Solo Class	0
		Lessons	2
		Ensemble	1
		<b>TERM TOTAL</b>	<b>14</b>
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Contact transfer institution about registration/financial aid	
		<b>TOTAL HOURS</b>	<b>64</b>

- Students will complete the remaining six credit hours of the humanities requirement, including one course in literature, at universities upon transfer.
- Students who plan to transfer to the University of Memphis should complete a course in literature rather than Music Appreciation.
- Students must successfully complete placement requirements in music theory, ear training, and piano at the university where transfer is planned. Students must also successfully complete required university auditions as appropriate.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Humanities Division 865-354-3000, x4567

<https://www.roanestate.edu/?10637-Tennessee-Transfer-Pathway-AFA-Music>

## Physical Science (TPAS PHYS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Physical Science.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
CHEM	1110	General Chemistry I (Recommended) OR Natural Science Elective	4
MATH	1910	Calculus I (Recommended) OR Mathematics Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
CHEM	1120	General Chemistry II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
PHYS	2110	Calculus-based Physics I (Recommended) OR Elective Course(s)	6
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
PHYS	2120	Calculus-based Physics (Recommended) OR Elective course(s)	7
		History Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<https://www.roanestate.edu/?10618-Transfer-Program-AS-Physical-Science>



## Physics (UTPS UPHY)

Students who follow this academic plan will receive an Associate of Science with a concentration in Physics.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
CISP	1010	Computer Science Programming	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
MATH	1920	Calculus II	4
CISP	1020	Computer Science II (Recommended) OR Elective course	1
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
MATH	2110	Calculus III	4
PHYS	2110	Calculus-based Physics I	4
MATH	2010	Introduction to Linear Algebra	3
		Literature Elective	3
		History Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
PHYS	2120	Calculus-based Physics II	4
MATH	2120	Differential Equations	3
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

<https://www.roanestate.edu/?10654-Tennessee-Transfer-Pathway-AS-Physics>

## Political Science/AA (UTPA UPS)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Political Science.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
POLS	1030	American Government	3
		Natural Science Elective	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	
POLS	1010	Introduction to Political Science	3
		Natural Science Elective	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
		Literature Elective	3
		History Elective	3
		Foreign Language Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Elective	3
		Elective	4
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at transfer institution.

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10633-Tennessee-Transfer-Pathway-AA-Political-Science>

## Political Science/AS (UTPS UPS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Political Science.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
POLS	1030	American Government	3
		Natural Science Elective	4
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>19</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
POLS	1010	Introduction to Political Science	3
		Natural Science Elective	4
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
		Literature Elective	3
		History Elective	3
		Electives	6
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7
		<b>TERM TOTAL</b>	<b>13</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	
		<b>TOTAL HOURS</b>	<b>63</b>

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10657-Tennessee-Transfer-Pathway-AS-Political-Science>

# Pre-Allied Health Science/AS (TPAS PAHS)

This is an Associate of Science (AS) degree program in Pre-Allied Health Sciences that will provide a pathway for students who are currently applying to one or more of the allied health science AAS degree programs including:

- Dental Hygiene
- Health Information Management
- Medical Informatics
- Occupational Therapy Assistant
- Physical Therapist Assistant
- Radiologic Technology
- Respiratory Care
- Surgical Technology
- Vision Care Technology (formerly Opticianry)

Student will select the AS degree in Pre-Allied Health Sciences program of study as their initial major and begin taking those general education courses that meet the prerequisite course requirements to be considered for admission to the allied health science AAS degree program of their choice.

If the student is admitted to the allied health sciences AAS degree program of their choice, their major is changed to that program and the student continues to take courses in the discipline-specific curriculum.

If the student is not admitted to the allied health sciences AAS degree program of their choice, they are advised of the following options:

1. Continue taking courses in the Pre-Allied Health Science curriculum plan and graduate with an AS degree and transfer to a University.
2. Change their major to another area of study.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
BIOL	2010	Anatomy and Physiology I	4
MATH	1530	Introductory Statistics (Recommended) or MATH Elective	3
		Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Complete admission requirements for AHS programs  
Complete AHS application if admission requirements will be met  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	2020	Anatomy and Physiology II	4
BIOL	2230	Microbiology (Recommended) OR Science Elective: To be selected from BIOL 2230, CHEM 1010 or 1110	4
		Humanities Elective	3
		Social Science Elective <sup>2</sup>	3
<b>TERM TOTAL</b>			<b>17</b>

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
		Literature Elective	3
		History Elective	3

	Elective <sup>1</sup>	3
	<b>TERM TOTAL</b>	<b>12</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	Social Science Elective <sup>2</sup>	3
	History Elective	3
	Humanities Elective	3
	Electives <sup>1</sup>	6
	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>60</b>

<sup>1</sup> Electives (12 credit hours) to be selected from: Any ALHS course, ACCT 1010, BIOL 2230, BUSN 1305, BUSN 1330, BUSN 1380, CHEM 1010, CHEM 1110, CITC 1300, CITC 1303, HIMT 1300, HIMT 1301, HIMT 1302, HIMT 1401, INFS 1010, MATH 1530, PSYC 2130, PSYC 2230, PTAT 2210, RADT 1200.

<sup>2</sup>Social Science Electives (6 credit hours) to be selected from: PSYC 1030, PSYC 2130, SOCI 1010 or SOCI 1020.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

Students applying to any AAS Allied Health programs should consult the admission and course requirements for their program of choice and select qualifying courses.

<https://www.roanestate.edu/?11096-Transfer-Program-AS-Pre-Allied-Health-Sciences>



## Pre-Engineering (TPAS PERG)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Engineering.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1910	Calculus I	4
COMM	2025	Fundamentals of Communication	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
MATH	1920	Calculus II	4
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
MATH	2110	Calculus III	4
ENGR	2110	Statics	3
PHYS	2110	Calculus-based Physics I	4
MATH	2010	Introduction to Linear Algebra	3
		Literature Elective	3
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
MATH	2120	Differential Equations	3
ENGR	2120	Dynamics	3
PHYS	2120	Calculus-based Physics II	4
		History Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**65**

\*Contact the transfer institution regarding the elective courses to determine which courses will transfer. These may differ for different disciplines and institutions. All of the specified elective courses may not be required.

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<https://www.roanestate.edu/?10617-Transfer-Program-AS-Pre-Engineering>

## Pre-Health Professions/Pre-Medical, Pre-Dental, Pre-Veterinary, Pre-Pharmacy (UTPS UPHP)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Health Professions.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
CHEM	1110	General Chemistry I	4
MATH	1830	Applied Calculus (Recommended) OR MATH 1910 Calculus I	4
		Social/Behavioral Science Elective	3
		Elective	3
		<b>TERM TOTAL</b>	<b>20</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
CHEM	1120	General Chemistry II	4
		Social/Behavioral Science Elective	3
		<b>TERM TOTAL</b>	<b>13</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Science Sequence <sup>1</sup>	8
		<b>TERM TOTAL</b>	<b>17</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Humanities Elective	3
		Science Sequence <sup>1</sup>	8
		<b>TERM TOTAL</b>	<b>14</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Contact transfer institution about registration/financial aid

**TOTAL HOURS****64**

<sup>1</sup>Choose two from the following three sequences:

BIOL 1110, 1120 General Biology I and II

CHEM 2010, 2020 Organic Chemistry I and II

PHYS 2010, 2020 Non-Calculus based Physics I and II

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at transfer institution.

For further information: Mathematics and Science, 865-354-3000 x 4533

<https://www.roanestate.edu/?10653-Tennessee-Transfer-Pathway-AS-Pre-Health-Professions-Pre-Medical-Pre-Dental-Pre-Veterinary-Pre-Pharmacy>

## Pre-Law (TPAS PLAW)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Law.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
POLS	1010	Intro to Political Science (Recommended) OR Social/Behavioral Science Elective	3
		Natural Science Elective	4
		Mathematics Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
POLS	1030	American Government (Recommended) OR Social/Behavioral Science Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Electives	10
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS****63**

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

<https://www.roanestate.edu/?10619-Transfer-Program-AS-Pre-Law>

## Pre-Nursing (TPAS PNRS)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Nursing.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
BIOL	2010	Anatomy and Physiology I <sup>1</sup>	4
MATH	1530	Introductory Statistics	3
PSYC	1030	Introduction to Psychology	3
		Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Apply to Roane State's AAS Nursing Program (if applicable)  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	2020	Anatomy and Physiology II <sup>1</sup>	4
BIOL	2230	Microbiology <sup>1</sup>	4
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
SOCI	1010	Intro to Sociology (Recommended) or Social/Behavioral Science Elective	3
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Humanities Elective	3
		Electives	9
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup> To apply to Roane State's AAS Nursing Program, please note that completed science courses must be less than 5 years old at the time of admission to the program. See this link for program admissions information: <http://www.roanestate.edu/?5905-Nursing-Program>

- Elective courses should be carefully selected in consultation with a faculty advisor.
- Community college students may also pursue various RN to BSN programs as a means of attaining the BSN degree. These programs assume the completion of the Associate of Applied Science degree with a major in nursing, licensure as a Registered Nurse, and fulfillment of other criteria. Information concerning these programs is available in university catalogs.
- History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

<https://www.roanestate.edu/?10620-Transfer-Program-AS-Pre-Nursing>



## Pre-Occupational Therapy (UTPS UPOT)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Occupational Therapy.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BIOL	1110	General Biology I	4
MATH	1530	Introductory Statistics	3
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	1120	General Biology II	4
MATH	1730	Pre-Calculus	4
PSYC	1030	Introduction to Psychology	3
		Humanities Elective	3
		<b>TERM TOTAL</b>	<b>17</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
BIOL	2010	Human Anatomy and Physiology I	4
PHYS	2010	Non-Calculus based Physics	4
		Literature Elective	3
		History Elective	3
		<b>TERM TOTAL</b>	<b>14</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
BIOL	2020	Human Anatomy and Physiology II	4
CHEM	1110	General Chemistry I	4
		History Elective	3
		Social/Behavioral Science Elective	3
		<b>TERM TOTAL</b>	<b>14</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS****64**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Science, 865-354-3000 x 4533

<https://www.roanestate.edu/?10655-Tennessee-Transfer-Pathway-AS-Pre-Occupational-Therapy>

## Pre-Physical Therapy (UTPS UPPT)

Students who follow this academic plan will receive an Associate of Science with a concentration in Pre-Physical Therapy.

<b>1st Fall</b>		<b>Hours</b>
COLS	1010 Study, Organize, Succeed	3
ENGL	1010 Composition I	3
COMM	2025 Fundamentals of Communication	3
BIOL	1110 General Biology I	4
MATH	1530 Introductory Statistics	3
PSYC	1030 Introduction to Psychology	3
<b>TERM TOTAL</b>		<b>19</b>
Action Items		
Oct	Meet with Success Coach or Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Visit colleges and universities Register for next term	
<b>1st Spring</b>		<b>Hours</b>
ENGL	1020 Composition II	3
BIOL	1120 General Biology II	4
MATH	1730 Pre-Calculus	4
	Humanities Elective	3
	Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>		<b>17</b>
Action Items		
Mar	Meet with Success Coach or Faculty Advisor	
April	Decide on transfer institution Register for next term	
<b>2nd Fall</b>		<b>Hours</b>
	Literature Elective	3
	History Elective	3
	Science Sequence <sup>1</sup>	8
<b>TERM TOTAL</b>		<b>14</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
	History Elective	3
	Humanities Elective	3
	Science Sequence <sup>1</sup>	8
<b>TERM TOTAL</b>		<b>14</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
<b>TOTAL HOURS</b>		<b>64</b>

<sup>1</sup>Choose two from the following three sequences:

BIOL 2010, 2020 Anatomy and Physiology I and II

CHEM 1110, 1120 General Chemistry I and II

PHYS 2010, 2020 Non-Calculus based Physics I and II

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Mathematics and Sciences, 865-354-3000 x 4533

<https://www.roanestate.edu/?10656-Tennessee-Transfer-Pathway-AS-Pre-Physical-Therapy>

## Psychology/AA (UTPA UPSY)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Psychology.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
PSYC	1030	Introduction to Psychology	3
BIOL	1110	General Biology I	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>19</b>

#### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
BIOL	1120	General Biology II	4
		Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Foreign Language Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Foreign Language Elective	3
		Psychology Elective <sup>1</sup>	3
		Elective	4
<b>TERM TOTAL</b>			<b>13</b>

#### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>Choose a course from the following: PSYC 2110 Psychology of Adjustment, PSYC 2130 Lifespan Development Psychology, PSYC 2120 Social Psychology, PSYC 2230 Abnormal Psychology.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10634-Tennessee-Transfer-Pathway-AA-Psychology>

## Psychology/AS (UTPS UPSY)

Students who follow this academic plan will receive an Associate of Science with a concentration in Psychology.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
PSYC	1030	Introduction to Psychology	3
BIOL	1110	General Biology I	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>19</b>

#### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Visit colleges and universities Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
BIOL	1120	General Biology II	4
		Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

Mar	Meet with Success Coach or Advisor
April	Decide on transfer institution Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Elective	3
		Social/Behavioral Science Elective	3
		Psychology Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Apply for admission to transfer institution Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Psychology Elective <sup>1</sup>	3
		Elective	7
<b>TERM TOTAL</b>			<b>13</b>

#### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
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Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>Choose a course from the following: PSYC 2110 Psychology of Adjustment, PSYC 2130 Lifespan Development Psychology, PSYC 2120 Social Psychology, PSYC 2230 Abnormal Psychology.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10658-Tennessee-Transfer-Pathway-AS-Psychology>



# Secondary Education (TPAS ESEC)

Students who follow this academic plan will receive an Associate of Science with a concentration in Secondary Education.

Students seeking to pursue licensure in the following areas should not follow this program, but follow the TN Transfer Pathway/Associate of Science in Teaching for these areas:

- Secondary Education - English
- Secondary Education - Mathematics
- Secondary Education - Social Studies

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
EDU	101	Intro to the Teaching Profession (Recommended) OR Elective	3
		Natural Science Elective	4
		Mathematics Elective	3
<b>TERM TOTAL</b>			<b>19</b>

Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
		Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
		Electives	6
<b>TERM TOTAL</b>			<b>15</b>

Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	7

	<b>TERM TOTAL</b>	<b>13</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

<https://www.roanestate.edu/?10611-Transfer-Program-AS-Education-Secondary>

## Social Work/AA (UTPA USW)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Social Work.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
MATH	1530	Introductory Statistics	3
SOCI	1010	Intro to Sociology	3
SWRK	2010	Introduction to Social Work	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
POLS	1030	American Government	3
COMM	2025	Fundamentals of Communication	3
PSYC	1030	Introduction to Psychology	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
SOCI	1040	Social Problems	3
		Natural Science Elective	4
		History Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ANTH	1230	Introduction to Cultural Anthropology (Recommended) <i>OR</i> ECON 2100 Macroeconomics <i>OR</i> ECON 2200 Microeconomics	3
		History Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		Foreign Language Elective	3

	Electives	1
	<b>TERM TOTAL</b>	<b>17</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Contact transfer institution about registration/financial aid	
	<b>TOTAL HOURS</b>	<b>63</b>

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

<https://www.roanestate.edu/?10605-Transfer-Program-AA-Social-Work>

## Social Work/AS (UTPS USW)

Students who follow this academic plan will receive an Associate of Science with a concentration in Social Work.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed	3
MATH	1530	Introductory Statistics	3
SOCI	1010	Introduction to Sociology	3
SWRK	2010	Intro to Social Work	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
POLS	1030	American Government	3
COMM	2025	Fundamentals of Communication	3
PSYC	1030	Introduction to Psychology	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
SOCI	1040	Social Problems	3
		Natural Science Elective	4
		History Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ANTH	1230	Introduction to Cultural Anthropology (Recommended) OR ECON 2100 Macroeconomics OR ECON 2200 Microeconomics	3
		History Elective	3
		Natural Science Elective	4
		Humanities Elective	3
		Electives	4
<b>TERM TOTAL</b>			<b>17</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Social Science, Business and Education Division, 865-354-3000, x4582

<https://www.roanestate.edu/?10621-Transfer-Program-AS-Social-Work>

## Sociology/AA (UTPA USOC)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Sociology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
SOCI	1010	Introduction to Sociology	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
SOCI	1040	Social Problems	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
ANTH	1230	ANTH 1230 Intro to Cultural Anthropology (Recommended) <i>or</i> Sociology Elective <sup>1</sup>	3
PSYC	2130	Lifespan Development Psychology (Recommended) <i>or</i> Social/Behavioral Science Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Foreign Language Elective	3
		Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

<sup>1</sup>Universities will determine whether the sociology elective course counts toward requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.

Sociology Electives meeting this requirement include:

ANTH 1230 Introduction to Cultural Anthropology

ANTH 2150 Native American Studies

PSYC 2120 Social Psychology

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10635-Tennessee-Transfer-Pathway-AA-Sociology>



## Sociology/AS (UTPS USOC)

Students who follow this academic plan will receive an Associate of Science with a concentration in Sociology.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
SOCI	1010	Introduction to Sociology	3
		Natural Science Elective	4
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Visit colleges and universities Register for next term	
<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
SOCI	1040	Social Problems	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Decide on transfer institution Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Literature Elective	3
		History Elective	3
ANTH	1230	Intro to Cultural Anthropology (Recommended) or Sociology Elective <sup>1</sup>	3
PSYC	2130	Lifespan Development Psychology (Recommended) or Social/Behavioral Science Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov		Apply for admission to transfer institution Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Humanities Elective	3
		Social/Behavioral Science Elective	3
		Elective	7
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Contact transfer institution about registration/financial aid	

**TOTAL HOURS****63**

<sup>1</sup>Universities will determine whether the sociology elective course counts toward requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.

Sociology courses meeting the requirement for Sociology elective include:

ANTH 1230 Intro to Cultural Anthropology

ANTH 2150 Native American Studies

PSYC 2120 Social Psychology

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Social Science, Business and Education Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10659-Tennessee-Transfer-Pathway-AS-Sociology>

## Theatre Arts/AA (UTPA UTHA)

Students who follow this academic plan will receive an Associate of Arts with a concentration in Theatre Arts.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
THEA	1030	Introduction to Theatre	3
		Natural Science Elective	4
		Mathematics Elective	3
		Theatre Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Humanities Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
THEA	1015	Acting I	3
THEA	1025	Stage Craft I	3
		Literature Elective	3
		History Elective	3
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Theatre Electives	4
		Foreign Language Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

\*The BS Degree with a major in Theatre Arts is available at MTSU and TSU. The BFA degree is offered at APSU.

\*\*Excluding theatre history courses

\*\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10636-Tennessee-Transfer-Pathway-AA-Theatre-Arts>

## Theatre Arts/AS (UTPS UTHA)

Students who follow this academic plan will receive an Associate of Science with a concentration in Theatre Arts.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
THEA	1030	Introduction to Theatre	3
		Natural Science Elective	4
		Mathematics Elective	3
		Theatre Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
COMM	2025	Fundamentals of Communication	3
		Natural Science Elective	4
		Humanities Elective	3
		Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
THEA	1015	Acting I	3
THEA	2015	Stage Craft I	3
		Literature Elective	3
		History Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Elective	3
		Theatre Electives	4
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

\*The BS Degree with a major in Theatre Arts is available at MTSU and TSU. The BFA degree is offered at APSU. \*\*Excluding theatre history courses

\*\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

This is a Tennessee Transfer Pathway: [www.tntransferpathway.org](http://www.tntransferpathway.org)

All Elective courses should be carefully selected to meet requirements at the transfer institution.

For further information: Humanities Division, 865-354-3000 x 4582

<https://www.roanestate.edu/?10660-Tennessee-Transfer-Pathway-AS-Theatre-Arts>

## Wildlife and Fisheries (TPAS WFSL)

Students who follow this academic plan will receive an Associate of Science with a concentration in Wildlife and Fisheries.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MATH	1130	College Algebra (Recommended) OR Mathematics Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

- Oct Meet with Success Coach or Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Visit colleges and universities  
Register for next term

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
BIOL	1120	General Biology II (Recommended) OR Natural Science Elective	4
		Social/Behavioral Science Elective	3
		Humanities Elective	3
		Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Decide on transfer institution  
Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CHEM	1110	General Chemistry I (Recommended) OR Elective course(s)	4
		Literature Elective	3
		History Elective	3
		Humanities Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Apply for admission to transfer institution  
Register for next term

<b>2nd Spring</b>			<b>Hours</b>
		History Elective	3
		Social/Behavioral Science Elective	3
		Electives	9
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Contact transfer institution about registration/financial aid

**TOTAL HOURS**

**63**

Elective courses should be carefully selected in consultation with a faculty advisor. Students should choose courses appropriate for transfer to the senior institution they have selected.

\*History courses – students are advised to consult with his/her transfer institution to determine if a particular history course or sequence is required.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<https://www.roanestate.edu/?10624-Transfer-Program-AS-Wildlife-and-Fisheries>



# Career Preparation Programs

The Associate of Applied Science (AAS) programs are designed primarily for students who wish to seek employment after two years of college. These programs are not designed for transfer to a senior institution. Although the general education core is transferable, senior institutions may grant elective credit for other courses in the curricula, and all are college courses. Students planning to graduate with an Associate of Applied Science Degree are required to complete the general education courses of the core curriculum for career preparation programs listed at the beginning of this section.

## Core Curriculum for Career Preparation Programs

NOTE: Some degree programs may require more than the minimum 60 hours. See the individual program descriptions.

Areas	Courses
English Composition	3 hours
Humanities/Fine Arts*	3 hours
Social/Behavioral Sciences*	3 hours
Natural Science/Mathematics*	3 hours
One additional course from the categories of:	3 or 4 hours
Communication, Humanities/Fine Arts, Social/Behavioral Sciences, or Natural Science/Mathematics*	_____
	15 or 16 hours

\*Specific courses satisfying these requirements must be the same courses that satisfy the general education requirement for the A.S. and A.A. degrees.

A certain number of credit hours in each program must be completed at Roane State in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

# Associate of Applied Science Degree Programs

## Business, no concentration (BUSN 9999)

This self-directed program provides students with a well rounded business background while providing the flexibility to explore multiple business disciplines. Students, in consultation with their faculty advisor, may strategically choose elective courses that will assist with meeting their individual interests and career focus.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>18</b>

#### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

<b>1st Spring</b>			<b>Hours</b>
ACCT	1010	Principles of Accounting I	3
BUSN	1380	Supervisory Management	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
Discipline-Specific Directed Electives <sup>1</sup>			6
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

Mar	Meet with Success Coach or Advisor
Apr	Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics (Recommended) OR ECON 2200 Principles of Microeconomics	3
BUSN	2380	Principles of Marketing	3
Discipline-Specific Directed Electives <sup>1</sup>			9
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor
Nov	Register for next term

<b>2nd Spring</b>			<b>Hours</b>
BUSN	2399	Management Seminar <sup>2</sup>	3
Discipline-Specific Directed Electives <sup>1</sup>			12
<b>TERM TOTAL</b>			<b>15</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Begin job search using RaiderRecruit

**TOTAL HOURS**

**63**

<sup>1</sup>Discipline-Specific Directed Electives: Students may choose from many course offerings in Accounting (ACCT), Business (BUSN), Economics (ECON), Financial Services (FNCE), Management (MGT), Prior Learning Credit, Cooperative Education, as well as ALHS 2311, ALHS 2312, ALHS 1300, ALHS 2314, ALHS 2317, BIOL elective (3-4 credits) which are intended for the Healthcare Management Area of Emphasis students.

<sup>2</sup>This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program should follow the appropriate Associate of Science program.

Students pursuing any of the Business programs will be advised by the Social Science, Business and Education Division.

<https://www.roanestate.edu/?6739-Business-AAS>

## Business, Concentration: Accounting (BUSN ACCT)

The accounting concentration provides intensive training to qualify a student for various accounting positions in profit and not-for-profit organizations such as service industries, merchandising businesses, manufacturing companies, and governmental and educational facilities. Areas of responsibility may include cash control, accounts receivable, inventory management, accounts payable, tax returns, budgeting and cost controls.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
ACCT	1010	Principles of Accounting I	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
BUSN	1380	Supervisory Management	3
BUSN	2380	Principles of Marketing	3
ACCT	1020	Principles of Accounting II	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for term

<b>2nd Fall</b>			<b>Hours</b>
ACCT	2321	Intermediate Accounting	3
ACCT	2331	Tax Accounting	3
ACCT	2351	Auditing	3
ACCT	2361	Fund Accounting	3
ECON	2100	Principles of Macroeconomics (Recommended) OR ECON 2200 Principles of Microeconomics	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ACCT	2332	Topics in Taxation	3
ACCT	2341	Cost Accounting	3
ACCT	2382	Accounting Systems Applications	3
BUSN	2370	Legal Environment for Business	3
BUSN	2399	Management Seminar <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Begin job search using RaiderRecruit

**TOTAL HOURS**

**63**

<sup>1</sup>This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

<https://www.roanestate.edu/?5606-Accounting-Option-AAS-Business>

## Business, Concentration: Business Administration (BUSN BUSA)

The Business Administration concentration is designed for those students that do not currently have as their focus the direct supervision of personnel but want to obtain the necessary education and skills to own and operate a small business or to become a significant contributor to a business owner or entrepreneur. A variety of business courses are provided for the student to accomplish these goals. The student may also choose to gain on-the-job experience by selecting cooperative education (COE) as a business elective.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications (Recommended) OR INFS 1010 Computer Applications	3
BUSN	1300	Personal Finance	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
BUSN	2390	Business Presentations (Recommended) OR BUSN 1370 Spreadsheet Applications	3
BUSN	1350	Sales and Service	3
BUSN	2350	Organizational Behavior	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ACCT	1010	Accounting I	3
ECON	2100	Principles of Macroeconomics (Recommended) OR ECON 2200 Principles of Microeconomics	3
BUSN	2380	Principles of Marketing	3
BUSN	2392	Business Innovations	3
BUSN	1380	Supervisory Management	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

<b>2nd Spring</b>			<b>Hours</b>
BUSN	1330	Entrepreneurship	3
ACCT	1020	Accounting II	3

BUSN	2370	Legal Environment for Business	3
BUSN	2399	Management Seminar <sup>1</sup>	3
		Directed Elective <sup>2</sup>	3
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
Mar		Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

<sup>2</sup>Directed Electives: ACCT, BUSN, ECON, FNCE, MGT or COE course.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

<https://www.roanestate.edu/?5615-Business-Administration-Option-AAS-Business>

## Business, Concentration: Management (BUSN BMGT)

The Business Management concentration is designed to provide students with the necessary education and skills to function as a first-line manager or improve their knowledge of the management function that could be applied to all levels of management within a business. A variety of business courses are provided for the student to accomplish these goals. The student may also choose to gain on-the-job experience by selecting cooperative education (COE) as a business elective.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications (Recommended) OR INFS 1010 Computer Applications	3
BUSN	1300	Personal Finance	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
BUSN	2390	Business Presentations	3
BUSN	2350	Organizational Behavior	3
BUSN	1380	Supervisory Management	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
ACCT	1010	Accounting I	3
ECON	2100	Principles of Macroeconomics (Recommended) OR ECON 2200 Principles of Microeconomics	3
BUSN	2380	Principles of Marketing	3
BUSN	2340	Human Resource Management	3
BUSN	2370	Legal Environment for Business	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ACCT	1020	Accounting II	3
BUSN	1320	Business Calculations	3
BUSN	2300	Business Ethics	3
BUSN	2399	Management Seminar <sup>1</sup> Directed Elective <sup>2</sup>	3



	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search with RaiderRecruit	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

<sup>2</sup> Select from any ACCT, BUSN, ECON, FNCE, MGT or COE course.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

<https://www.roanestate.edu/?5614-Business-Management-Option-AAS-Business>

## Chemical Engineering Technology (CET)

The Chemical Engineering Technology Program prepares graduates for a position as process operator/technician in industries where chemical processes are used. Using fundamental chemistry and basic algebra, students will develop an understanding of the safe and efficient operation and maintenance of chemical processing equipment from valves and pumps to more complex processing systems such as gas absorption and chemical reactors. Emphasis is placed on industrial safety and troubleshooting of typical chemical processes while incorporating real world case studies, teamwork, and effective communication skills. Other topics include blueprint interpretation, CAD design, electrical and mechanical fundamentals, and using computers to control processes and collect data. The program accomplishes these tasks by combining classroom study with practical hands-on experience in the labs associated with the coursework.

### Effective Fall 2019

#### 1st Fall

MATH	1130	College Algebra <sup>1</sup>	3
CHEM	1010	Introductory Chemistry I <sup>1</sup>	4
ENST	1362	Industrial Equipment	3
ENST	1350	Industrial Safety	3
MECH	1310	Electrical Components	3
COLS	1010	Study, Organize, Succeed	3
<b>TERM TOTAL</b>			<b>19</b>

#### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

#### 1st Spring

CHET	1410	Process Operations I	4
CHET	1320	Process Control and Instrumentation I	3
CHET	1300	Process Equipment	3
MECH	1320	Mechanical Components and Electrical Drives	3
MECH	1340	Digital Fundamentals and PLCs (Recommended) or Technical Elective <sup>2</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

#### 2nd Fall

CHET	2310	Process Operations II	3
CHET	2320	Process Control and Instrumentation II	3
MECH	2440	Process Control Technologies (Recommended) or Technical Elective <sup>2</sup>	4
		Social/Behavioral Science Elective	3
ENGL	1010	Composition I	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

- Sept Complete Application to Graduate with Faculty Advisor
- Oct Meet with Faculty Advisor
- Nov Register for next term

#### 2nd Spring

ENST	1320	Solidworks I (Recommended) or Technical Elective <sup>2</sup>	3
COMM	2025	Fundamentals of Communication	3
MECH	2320	Motor Control	3
		Humanities Elective	3

	<b>TERM TOTAL</b>	<b>12</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar		
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>2</sup>**Technical Elective - Selected from the following- approved by advisor**

CHEM	1020	Introductory Chemistry II	4
ENST	1320	Solidworks I	3
MECH	1342	Programming in LabView	3
MECH	1340	Digital Fundamentals & PLC's	3
MECH	2440	Process Control Technologies	4
CHET	2190	Internship	1-4

Other electives as approved by program director.

<sup>1</sup>MATH 1000 or appropriate placement scores is a prerequisite. May need to take MATH 1000 in summer before 1<sup>st</sup> Fall.

<https://www.roanestate.edu/?11811-Chemical-Engineering-Technology-AAS>

# Computer Information Technology - Cyber Defense Concentration (CITC CYDF)

Cyber Defense is a concentration in the Associate of Applied Science (AAS) Computer Information Technology degree program that trains students to prepare and protect networks, intranets, and websites. The concentration's focus is on securing computer networks and diagnosing problems, security risks, and cyber analysis processes. Ethical Hackers and digital forensics professionals harden computer networks against unauthorized access and intrusion.

Students who follow this academic plan will receive an Associate of Applied Science in Computer Information Technology-Cyber Defense.

## Effective for Fall 2019

<b>1st Fall</b>				<b>Hours</b>
COLS	1010	Study, Organize, Succeed		3
ENGL	1010	Composition I		3
CITC	1300	HTML & CSS		3
CITC	1302	Intro to Networking		3
CITC	1310	Programming I		3
CITC	1301	Programming & Logic		3
<b>TERM TOTAL</b>				<b>18</b>

### Action Items

Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term

Nov Register for next term

<b>1st Spring</b>				<b>Hours</b>
MATH	1010	Math for General Studies (Recommended) OR Math Elective		3
CITC	1303	Database Concepts		3
CITC	1351	Information Assurance		3
CITC	2326	Network Security		3
CITC	1333	Linux LPIC-1 (Recommended) or CITC Elective <sup>1</sup>		3
<b>TERM TOTAL</b>				<b>15</b>

### Action Items

Mar Meet with Success Coach or Advisor

April Register for next term

<b>2nd Fall</b>				<b>Hours</b>
COMM	2025	Fundamentals of Communication		3
CITC	1321	A+ Hardware (Recommended) OR CITC Elective <sup>1</sup>		3
CITC	2352	Digital Forensics		3
BIOL	1510	Environmental Science		3
SOCI	1010	Introduction to Sociology (Recommended) or Social Science Elective		3
<b>TERM TOTAL</b>				<b>15</b>

### Action Items

Sept Complete Application for Graduation

Oct Meet with Faculty Advisor

Nov Register for next term

<b>2nd Spring</b>				<b>Hours</b>
CITC	2356	Penetration Testing and Network Defense		3
CITC	1311	Programming II (Recommended) or CITC Elective <sup>1</sup>		3

CITC	2399	Co-op/Internship	3
WEBT	2300	Client Side Programming (Recommended) or CITC Elective <sup>1</sup>	3
PHIL	1040	Introduction to Ethics	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		
Mar	Begin job search using RaiderRecruit		
<b>TOTAL HOURS</b>			<b>63</b>

<sup>1</sup>CITC electives must be selected from:

INFS 1010 Computer Applications

CITC 1311 Programming II

CITC 1321 A+ Hardware

CITC 1333 Linux LPIC-1

CITC 2344 Database SQL Programming

WEBT 2300 Client Side Programming (javascript)

or other CITC courses as approved by advisor

For further information: Mathematics and Sciences Division, 865-354-3000 x 4533

<https://www.roanestate.edu/?10982-Computer-Information-Technology-Program-Cyber-Defense>

# Computer Information Technology - Programming Concentration (CITC PROG)

The goal of the Roane State CITC program is to produce programmers who are effective in all the phases of the software lifecycle and who make sound decisions, manage and solve problems, and integrate into any programming team. CITC students develop applications on multiple platforms and operating systems and are prepared to maintain and deploy applications on the UNIX operating system. Students write extensively in the Java programming language and build Java learning artifacts. They also master skill sets that will prepare them to pass Java Oracle certification. On the server side, students become skilled in the latest NodeJs, ExpressJs to develop the server-side logic and definition and maintain the central database to ensure high performance and responsiveness to requests from the front-end.

Students also learn Oracle Database skills sets and environment. Students learn to maintain the security and the integrity of Oracle databases and train to pass the Oracle Database administration certification. In addition to becoming certified software professionals, students train extensively on a variety of networking and hardware platforms.

CITC graduates are ready to be front-end Web developers because they have designed applications that involve HTML5 and CSS bootstrap components, and have embedded JavaScript code that powers the visuals and interactions of the Web. The curriculum combines technical skills with competencies in ethical decision-making, effective communication, and critical and creative thinking.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
CITC	1300	HTML & CSS	3
CITC	1302	Intro to Networking	3
CITC	1310	Programming I	3
CITC	1301	Programming & Logic	3
<b>TERM TOTAL</b>			<b>18</b>

#### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

<b>1st Spring</b>			<b>Hours</b>
MATH	1010	Math for General Studies (Recommended) OR Math Elective	3
CITC	1311	Programming II	3
CITC	1303	Database Concepts	3
INFS	1010	Computer Applications (Recommended) OR CITC elective <sup>1</sup>	3
CITC	1333	Linux LPIC-1 (Recommended) OR CITC elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

#### Action Items

Mar	See faculty advisor
Apr	Register for next term

<b>2nd Fall</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
BIOL	1510	Environmental Science	3
CITC	1318	Data Structures	3
SOCI	1010	Introduction to Sociology (Recommended) OR Social/Behavioral Science elective	3
CITC	2344	Database SQL Programming (Recommended) OR CITC elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

## Action Items

Sept Complete Application for Graduation

Oct Meet with Faculty Advisor

Nov Register for next term

**2nd Spring****Hours**

WEBT	2300	Client-Side Programming (Java Script)	3
CITC	2399	Co-op/Internship	3
CITC	1312	Introduction to .Net Programming	3
CITC	2326	Network Security (Recommended) OR CITC elective <sup>1</sup>	3
PHIL	1040	Introduction to Ethics	3
<b>TERM TOTAL</b>			<b>15</b>

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Begin job search using RaiderRecruit

**TOTAL HOURS 63**

<sup>1</sup> CITC electives must be selected from:

INFS 1010- Computer Applications

CITC 1321 - A+ Hardware

CITC 1333 - Linux LPIC-I

CITC 2326 - Network Security

CITC 2344 - Database SQL Programming

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program should follow the appropriate Associate of Science program.

Students will be advised by the Math/Science Division.

<https://www.roanestate.edu/?10533-Computer-Information-Technology-Program-Programming>

## Contemporary Management (CMGT)

The Contemporary Management Program, designed specifically for working adults, provides the academic credentials and advanced skills necessary for upward mobility in area businesses. This “accelerated” degree program combines reduced in-class instruction with outside assignments; therefore, each 4-credit course meets only one night per week for five weeks plus an additional eight-hour summary session. This unique program design allows working adults to earn a degree in a short period of time while keeping their full-time job. In addition, individuals may receive credit through a portfolio process for prior college-level learning whether in a classroom or on the job. Faculty assessors will review each participant’s background and grant credit if applicable.

Because of its fast-paced format, a very high level of maturity and dedication will be required of students in this program. Each student should discuss his/her interest in taking these accelerated courses with a faculty advisor from the business department.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MGT	200	Foundations of Business	4
MGT	201	Management Concepts	4
MGT	203	Human Resource Management	4
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next semester

<b>1st Spring</b>			
MGT	205	Marketing in the Global Economy	4
MGT	206	Applied Economics	4
MGT	207	Managerial Accounting & Finance	4
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Mar	Meet with Success Coach or Advisor
Apr	Register for next semester

<b>2nd Fall</b>			
SOCI	1040	Social Problems (Recommended) OR Social/Behavioral Science Elective	3
MATH	1010	Math for General Studies (Recommended) OR Mathematics Elective	3
		General Electives <sup>1</sup>	6
		Computer Elective <sup>2</sup>	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor
Nov	Register for next term

<b>2nd Spring</b>			
BUSN	2399	Management Seminar <sup>3</sup>	3
MUS	1030	Introduction to Music (Recommended) OR Humanities Elective	3
BIOL	1510	Environmental Science I (Recommended) OR Natural Science Elective	3-4
		General Electives <sup>1</sup>	6



	<b>TERM TOTAL</b>	<b>15-16</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search using RaiderRecruit	
	<b>TOTAL HOURS</b>	<b>63-64</b>

<sup>1</sup>General Elective hours may be obtained through the successful completion of additional MGT, BUSN, FNCE, ACCT, ECON courses, Prior Learning Credit, Cooperative Education, and/or other General Electives in consultation with an advisor. For more information, go to [www.roanestate.edu/mgt](http://www.roanestate.edu/mgt)

<sup>2</sup>Students may take BUSN 1360, BUSN 1362, BUSN 1370, BUSN 2365, BUSN 2385, or BUSN 2390 to fulfill requirement.

<sup>3</sup>This course should be taken during the final year of coursework and/or after the completion of MGT courses.

This program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?6695-Contemporary-Management-Program>

## Criminal Justice (CRJT)

The two-year Criminal Justice program is designed to provide students with a variety of career opportunities. Careers available include: state and local law enforcement, school resource officers, park ranger, sheriff's deputies, corrections officers, federal agencies such as U.S. Border Patrol, U.S. Marshalls, U.S. Secret Service, Transportation Security Administration, and other U.S. Department of Homeland Security jobs (some of these agencies require a four-year degree).

According to the U.S. Bureau of Labor Statistics, the continued desire for public safety is expected to lead to new openings for officers, although demand may vary by location. The two-year associate degree is formed to meet the needs of society for personnel capable of entry and advancement into these career opportunities. Education requirements range from a high school diploma to a college degree. Most police and corrections officers must graduate from their agency's training academy before completing a period of on-the-job training. Candidates must be U.S. citizens, usually at least 21 years old, and able to meet rigorous physical and personal qualifications.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
COMM	2025	Fundamentals of Communication	3
PSYC	1030	Introduction to Psychology	3
CRMJ	1010	Introduction to Criminal Justice	3
POLS	1010	Introduction to Political Science	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
SOCI	1010	Introduction to Sociology	3
CRMJ	2010	Introduction to Law Enforcement	3
CRMJ	2020	Introduction to Corrections	3
MATH	1530	Introductory Statistics (Recommended) OR Choose from: 1010, 1130, 1630 or higher content level math course OR Natural Science Elective <sup>1</sup>	3
		Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CRMJ	1355	Understanding Terrorism	3
CRMJ	1340	Criminal Investigation	3
CRMJ	1311	Criminal Law	3
POLS	1030	American Government	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

<b>2nd Spring</b>			<b>Hours</b>
CRMJ	1020	Introduction to Legal Process	3

CRMJ	2381	Special Topics <sup>2</sup>	3
CRMJ	2311	Juvenile Justice	3
CRMJ	1330	Criminal Evidence and Procedures	3
		Elective	3
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile) and CRMJ Exit Exam	
Mar		Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>63</b>

\*CRMJ Internship only offered in SPRING. Pre-requisite CRMJ 1010

<sup>1</sup>Students must complete all Math Learning Support requirements before the degree will be awarded.

<sup>2</sup>Other CRMJ courses may be substituted for this requirement. Consult with your faculty advisor.

**Exit Testing:**

AAS Criminal Justice Graduate Exam (CJGE)

All Criminal Justice students seeking an Associate of Applied Science degree must take the ETS Proficiency Profile Exam and the Criminal Justice Graduate Exit Exam prior to receiving a diploma.

You must first file an Application for Graduation and allow time for review and approval. Once your Application for Graduation form has been approved, you can take the CJGE. You must take your CJGE at the Harriman or Oak Ridge campus as it requires a password only known by Testing Center employees.

The CJGE consists of 80 multiple choice questions covering the subject areas of: Introduction to Criminal Justice, Introduction to Law Enforcement, Introduction to Corrections and Introduction to the Legal Process. There is no study guide for this exam. Please allow yourself 1 hour for the ETS Exit Exam and approximately 2 hours for the Criminal Justice Exam.

**Proficiency Credit for Criminal Justice**

Currently enrolled criminal justice students may petition for the granting of academic proficiency credit, based on previous experiential work in the field in which a degree is being pursued. The student is responsible for assembling and presenting a portfolio of materials to support the request. Academic proficiency credit may be awarded for in-service training at specialized schools or academies; contingent upon how the training curriculum corresponds to the competency based curriculum objectives for individual criminal justice courses.

Academic proficiency credit awarded will not exceed 15 semester hours. Copies of training certificates and other portfolio materials should be sent to the Criminal Justice Department for evaluation by the Program Director. The Admissions and Records Office will assign course credit. A grade of "P" will be assigned to proficiency credit. Proficiency credit cannot be granted until the student is enrolled (full- or part-time) for classes at Roane State.

Students who complete a Law Enforcement Training Academy will receive the following proficiency course credit.

			<b>Hours</b>
CRMJ	2010	Intro to Law Enforcement	3
CRMJ	1020	Intro to Legal Process	3
CRMJ	1330	Criminal Evidence and Procedures	3
CRMJ	1340	Criminal Investigation	3
CRMJ	1311	Criminal Law	3
			<b>15</b>

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing this option will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?6669-Criminal-Justice-Program-AAS>

## Dental Hygiene (ADHT)

The Dental Hygiene Program includes a background of general studies, dental science, and clinical skills with which the student becomes a proficient provider of oral health care while working under the supervision of a dentist.

The goals of the Dental Hygiene program are:

1. Provide the didactic and clinical instruction that prepares students for the practice of dental hygiene.
2. Provide students with the skills to effectively interact with dental and other health care providers.
3. Encourage students to commit to lifelong learning.
4. Provide necessary skills that prepare students to become effective members of the dental health team.
5. Encourage students to assume active leadership roles in community and professional organizations.
6. Provide quality patient centered dental hygiene treatment.

Admission Policies for Allied Health Sciences A.A.S. Degrees

In addition to the special admission policies for Allied Health Sciences programs, the Dental Hygiene Program utilizes the following factors in ranking and acceptance of applicants:

1. The number of required course hours completed in the Dental Hygiene Degree Plan
2. The student's grades for required science courses completed. Science courses must be taken within 5 years of the published application deadline.
3. Work experience in the field of Dentistry
4. Registry/Certification in Dental Assisting
5. GPA in the Dental Hygiene degree plan
6. Results of a personal interview and writing sample. Interviews will be granted only to the top twenty selected applicants who have met the minimum requirements for admission to the program.

All DHYG courses must be taken in sequence. All required science courses must be taken in the semester as listed if applicant is admitted to the program OR any of the courses may be completed prior to the beginning of the program in August. Admission to the Dental Hygiene program is required prior to enrolling in any DHYG courses. All DHYG courses are taught on the Oak Ridge Branch Campus.

The program in dental hygiene is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
PSYC	2130	Lifespan Development Psychology (Recommended) OR PSYC 2220 or PSYC 1030	3
BIOL	2010	Human Anatomy and Physiology I <sup>1</sup>	4
MATH	1530	Introductory Statistics (Recommended) OR MATH 1130 or MATH 1630 or a higher content level MATH course	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- |     |   |
|-----|---|
| Oct | Meet with Success Coach or Advisor<br>Complete FAFSA for upcoming fall term |
| Nov | Register for next term  |
| Dec | Complete AHS application  |

<b>1st Spring</b>			<b>Hours</b>
CHEM	1010	Introductory Chemistry I <sup>1</sup>	4
BIOL	2020	Human Anatomy and Physiology II <sup>2</sup>	4
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3
SOCI	1010	Intro to Sociology (Recommended) OR SOCI 1040-Social Problems	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

- |     |   |
|-----|---|
| Feb | Submit supplemental admission documents by program deadline |
|-----|---|

Mar	Meet with Success Coach or Advisor	
April	Register for next term	
<b>1st Summer</b>		<b>Hours</b>
BIOL 2230	Microbiology	4
	<b>TERM TOTAL</b>	<b>4</b>
<b>2nd Fall</b>		<b>Hours</b>
DHYG 101	Pre-clinical Dental Hygiene	5
DHYG 111	Dental Science I	3
DHYG 132	Dental Radiography	3
	<b>TERM TOTAL</b>	<b>11</b>
Action Items		
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Register for next term	
<b>2nd Spring</b>		<b>Hours</b>
DHYG 112	Dental Science II	3
DHYG 121	Clinical Dental Hygiene I	1
DHYG 141	Principles of Dental Hygiene I	3
DHYG 161	Biochemistry and Nutrition	3
	<b>TERM TOTAL</b>	<b>10</b>
Action Items		
Mar	Meet with Faculty Advisor	
April	Register for next term	
<b>2nd Summer</b>		<b>Hours</b>
DHYG 133	General and Oral Pathology	3
DHYG 171	Dental Materials	3
	<b>TERM TOTAL</b>	<b>6</b>
<b>3rd Fall</b>		<b>Hours</b>
DHYG 201	Pharmacology and Pain Control	4
DHYG 221	Clinical Dental Hygiene II	2
DHYG 240	Principles of Dental Hygiene II	2
DHYG 251	Periodontology	3
	<b>TERM TOTAL</b>	<b>11</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor	
Nov	Register for next term Register for National and Clinical Boards	
<b>3rd Spring</b>		<b>Hours</b>
DHYG 211	Dental Hygiene Seminar	2
DHYG 212	Community Health	3
DHYG 222	Clinical Dental Hygiene III	2
DHYG 242	Principles of Dental Hygiene III	2
	<b>TERM TOTAL</b>	<b>9</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search with RaiderRecruit	
	<b>TOTAL HOURS</b>	<b>78</b>

<sup>1</sup>BIOL 2010 and CHEM 1010 must be taken by fall semester of the first year. CHEM 1010 prerequisite is an ACT Math score of 21 or greater *OR* completion of Math Learning support courses **and** MATH 1000- Algebra Essentials.

<sup>2</sup>BIOL 2020 must be taken by spring of the first year.

Students pursuing this option will be advised by the Allied Health Sciences Division.

**Program Application Deadline:** February 28

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?127-Dental-Hygiene>

## Early Childhood Education (ECED)

The AAS Early Childhood Education degree is accredited by the National Association for the Education of Young Children (NAEYC) to ensure programming meets the standards for professional preparation.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
ECED	1310	Introduction to Early Childhood Education	3
ECED	2310	Safe, Healthy, Learning Environments	3
ECED	2335	Initial Practicum	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
ECED	2315	Early Childhood Curriculum	3
ECED	2340	Family Dynamics and Community Involvement	3
ECED	2320	Infant, Toddler, and Child Development	3
PSYC	1030	Introduction to Psychology (Recommended) OR Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term
- May Apply for CDA Credential, if desired. See Program Director.

<b>2nd Fall</b>			<b>Hours</b>
ECED	2380	Language and Literacy in Early Childhood	3
ECED	2385	Math and Science in Early Childhood	3
BIOL	1110	General Biology I (Recommended) OR Natural Science Elective	4
MUS	1030	Introduction to Music (Recommended) OR Humanities Elective	3
PSYC	2130	Lifespan Development Psychology (Recommended) OR General Education Elective course	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

<b>2nd Spring</b>			<b>Hours</b>
ECED	2370	Developmental Assessment	3
ECED	2360	Development of Exceptional Children	3
ECED	2365	Final Practicum	3
ECED		ECED Elective <sup>1</sup>	3

General Education or ECED Elective <sup>2</sup>	3
<b>TERM TOTAL</b>	<b>15</b>

## Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search using RaiderRecruit	
	<b>TOTAL HOURS</b>	<b>64</b>

<sup>1</sup>Choose from:

ECED	2390	Creative Development
ECED	2300	The Mentoring Teacher
ECED	2312	Administration of Child Care Centers
ECED	2375	Socio-Emotional Development
ENGL	2630	Literature for Children (only offered online with TN eCampus)

<sup>2</sup> To be selected from the RSCC General Education listing or another unduplicated course from the list in footnote #1.

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?5594-Early-Childhood-Education-Program-AAS>



## Environmental Health Technology (ENVH)

This program is designed to prepare students for careers in the growing fields of environmental protection, health and safety, and site remediation. Students receive specialized training in environmental law, waste management, protection of human health and safety, industrial hygiene, radiation protection, emergency response, environmental remediation techniques and methods for evaluating environmental quality.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
EHTC	1300	Waste Management and Pollution Prevention	3
MATH	1530	Introductory Statistics	3
BIOL	1110	General Biology I	4
COLS	1010	SOS-Study, Organize and Succeed	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
EHTC	1301	Industrial Hygiene and Safety I	3
BIOL	1120	General Biology II (Recommended) OR BIOL 2530 General Ecology	4
COMM	2025	Fundamentals of Communication	3
BIOL	1510	Environmental Science I	3
MUS	1030	Introduction to Music (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>16</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
EHTC	2301	Environmental Law	3
EHTC	2310	Environmental Instrumentation	3
EHTC	2320	Industrial Hygiene and Safety II	3
CHEM	1110	General Chemistry I	4
GEOL	1040	Physical Geology	4
<b>TERM TOTAL</b>			<b>17</b>

### Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term  
Apply for summer internships<sup>1</sup> (if interested)

<b>2nd Spring</b>			<b>Hours</b>
EHTC	2311	Safety and Emergency Response	3
EHTC	2315	Applied Radiological Control Tech	3
CHEM	1120	General Chemistry II	4
SOCI	1040	Social Problems (Recommended) OR Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Begin job search using RaiderRecruit Take EHT Capstone Exam when prompted by email
<b>TOTAL HOURS</b>	
	<b>62</b>

<sup>1</sup>Internships are optional, and approval of the instructor must be obtained before a student may enroll in an internship.

Students pursuing Environmental Health Technology will be advised by the Social Science, Business and Education Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their faculty advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?6597-Environmental-Health-Technology-Program>

## Financial Services (FINC)

The AAS Financial Services degree is designed for those students who are interested in competing for jobs and/or enhance job skills for current employees within the financial services business sector. This includes jobs in Banking, Insurance and Investing companies. This dynamic industry is projecting a significant need for employment in the area.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
MATH	1530	Introductory Statistics	3
BUSN	1305	Introduction to Business	3
BUSN	1360	Software Applications for Business (Recommended) OR INFS 1010 Computer Applications	3
BUSN	2380	Principles of Marketing	3
<b>TERM TOTAL</b>			<b>18</b>
Action Items			
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term		
Nov	Register for next term		
<b>1st Spring</b>			<b>Hours</b>
COMM	2025	Fundamentals of Communication	3
BUSN	2370	Legal Environment for Business	3
BUSN	2350	Organizational Behavior	3
FNCE	1310	Principles of Finance	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Mar	Meet with Success Coach or Advisor		
April	Register for next term		
<b>2nd Fall</b>			<b>Hours</b>
ECON	2100	Principles of Macroeconomics	3
ACCT	1010	Accounting I	3
FNCE	1320	Consumer Lending	3
FNCE	2310	Money and Banking	3
BUSN	1350	Sales and Service	3
<b>TERM TOTAL</b>			<b>15</b>
Action Items			
Sept	Complete Application for Graduation		
Oct	Meet with Faculty Advisor		
Nov	Register for next term		
<b>2nd Spring</b>			<b>Hours</b>
ECON	2200	Principles of Microeconomics	3
ACCT	1020	Accounting II	3
BUSN	2399	Management Seminar	3
FNCE	1330	Introduction to Investments	3
FNCE	2320	Principles of Insurance	3
<b>TERM TOTAL</b>			<b>15</b>
<b>TOTAL HOURS</b>			<b>63</b>

## Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- Mar Begin job search using RaiderRecruit

<sup>1</sup>This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised to follow the Associate of Science degree program.

Students pursuing any of the Business Management Technology programs will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?9708-Financial-Services-Program>

## General Technology (GTEC)

This degree program provides a foundation for students who wish to pursue individual career goals and an alternative for currently employed adults who wish to continue their formal education. The electives in this program may be earned by taking appropriate courses, through recognized industry certification programs, and by portfolio assessment of college-level learning gained through employment. Additional information on prior learning credit is available in this catalog.

### Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
ENGL	1010	Composition I	3
		Natural Science or Math Elective	3
		Major Field Core Courses <sup>1</sup>	6
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Oct		Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term	
Nov		Register for next term	
<b>1st Spring</b>			<b>Hours</b>
		Social Science Elective	3
		General Education Elective in Math/Science/Humanities or Social Science	3
		Major Field Core Courses <sup>1</sup>	6
		Career Path Course <sup>2</sup>	3
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Mar		Meet with Success Coach or Advisor	
April		Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
		Humanities Elective	3
		Major Field Core Courses <sup>1</sup>	6
		Career Path Courses <sup>2</sup>	6
		<b>TERM TOTAL</b>	<b>15</b>
Action Items			
Sept		Complete Application for Graduation	
Oct		Meet with Faculty Advisor	
Nov		Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
		Career Path Courses <sup>2</sup>	16
		<b>TERM TOTAL</b>	<b>16</b>
Action Items			
Feb		Take Exit Exam (ETS Proficiency Profile)	
		<b>TOTAL HOURS</b>	<b>61</b>

<sup>1</sup>**Major Field Core Courses** (18 cr) must be selected from **two** subject areas: A minimum of 6 credit hours must be in one subject area.

<sup>2</sup>**Career Path Courses** (25 cr hrs) Any additional elective courses to be selected from the same two subject areas as the major field core courses.

**Major Field and Career Path Courses** must be selected from the following subject categories:  
ACCT, BUSN, CHET, CITC, CRMJ, ENST, FNCE, GIS, LEGL, EHTEC, MECH, NDTE, MGT, WELD.

Individual courses cannot be counted for both the Major Field Core Courses and the Career Path Courses simultaneously.

For further information: Mathematics and Sciences Division, 865-354-3000, x4533

<http://www.roanestate.edu/?5609-General-Technology-Program>

## Geographic Information Systems Technology (GIST)

This degree program prepares students for careers as Geographic Information Systems (GIS) analysts. Students receive specialized training in geographic fundamentals, GIS database design, spatial analysis, demographic analysis, computer programming, digital image analysis, cartographic design and global positioning system (GPS) principles. Students become skilled in using popular GIS software packages and GPS mapping products.

<b>1st Fall</b>			<b>Hours</b>
COLS	1010	Study, Organize, Succeed	3
GIS	101	Introduction to GIS	4
GIS	105	Computer Cartography	3
INFS	1010	Computer Applications	3
ENGL	1010	Composition I	3
GEOG	2010	World Geography	3
<b>TERM TOTAL</b>			<b>19</b>

### Action Items

Sept	Meet with instructor to obtain ArcGIS software
Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

<b>1st Spring</b>			<b>Hours</b>
GIS	110	GIS Database Technology	3
GIS	220	Demographics	3
MATH	1530	Introductory Statistics	3
COMM	2025	Fundamentals of Communication	3
CITC	1301	Introduction to Programming and Logic	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term

<b>2nd Fall</b>			<b>Hours</b>
GIS	210	GPS and Imagery	3
CITC	1312	Intro to .Net Programming	3
BUSN	2365	Database Creation and Design	3
GEOL	1040	Physical Geology	4
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Sept	Complete Application for Graduation
Oct	Meet with Faculty Advisor
Nov	Register for next term

<b>2nd Spring</b>			<b>Hours</b>
GIS	230	Project Management	3
GIS	211	Internet Mapping	3
CITC	1310	Programming I	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>12</b>

### Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
-----	--

Mar Begin job search using RaiderRecruit  
 Meet with Faculty Advisor to discuss job search

<b>2nd Summer</b>			<b>Hours</b>
GIS	290	Directed Research	4
<b>TERM TOTAL</b>			<b>4</b>
<b>TOTAL HOURS</b>			<b>63</b>

Students pursuing this area of study will be advised by the Social Science, Business and Education Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?6684-Geographic-Information-Systems-AAS>



# Health Information Management (HIM)

The field of health information management is rapidly growing with a predicted growth rate above average over the next ten years according to the Bureau of Labor Statistics. The health information management professional ensures completeness and accuracy of the patient record in all health care settings. Development of specialized skills needed to perform as a health information technician is the focus of the health information management (HIM) program. The HIM degree program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Students who successfully complete the degree requirements for the HIM degree program are eligible to sit for the national certification examination to become a Registered Health Information Technician.

Admission Policies for Allied Health Sciences A.A.S. Degrees

HIMT 1300 Medical Terminology, HIMT 1301 Fundamentals of Health Information Management, and one additional general education course, are prerequisites for the degree program. Students must also obtain a grade of C or better in each required science course, as well as, each HIMT course to be accepted and remain in either the Medical Coding or HIM program.

Part time and full time academic plans are available for the HIM degree student.

## 1st Fall

ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I <sup>1</sup>	4
HIMT	1301	Introduction to Health Information Management <sup>2</sup>	3
INFS	1010	Computer Applications OR Computer Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

## 1st Spring

BIOL	2020	Human Anatomy and Physiology II <sup>1</sup>	4
HIMT	1300	Medical Terminology <sup>2</sup>	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	
PSYC	1030	Introduction to Psychology (Recommended) OR Social Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Complete AHS Application in Raidernet by application deadline\*  
Register for next term

## 2nd Fall

HIMT	1303	Basic ICD Coding I	3
HIMT	1302	HIM Legal Aspects <sup>3</sup>	3
HIMT	1401	Disease Processes <sup>3</sup>	4
<b>TERM TOTAL</b>			<b>10</b>

### Action Items

- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

## 2nd Spring

HIMT	2302	Basic ICD Coding II	3
HIMT	2301	CPT Coding	3
HIMT	1201	Medical Office Procedures	2

HIMT	1305	Computer Applications in Health Information	3
		<b>TERM TOTAL</b>	<b>11</b>
Action Items			
	Mar	Meet with Faculty Advisor	
	April	Register for next term	
	May	Complete drug screening and background check	
<b>3rd Fall</b>			
HIMT	2211	Quality Improvement	2
HIMT	2303	Advanced Coding	3
HIMT	2304	Management Principles	3
		<b>TERM TOTAL</b>	<b>8</b>
Action Items			
	Oct	Complete Application for Graduation	
	Nov	Register for next term	
<b>3rd Spring</b>			
HIMT	2309	Data Analysis and Statistics	3
HIMT	2305	Revenue Cycle Management	3
HIMT	2307	Professional Practice Experience	3
HIMT	2212	Seminar in Health Information Management	2
		<b>TERM TOTAL</b>	<b>11</b>
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>66</b>

<sup>1</sup>Recommended to be completed prior to acceptance.

<sup>2</sup>An open course that may be taken by any student and is required to be completed prior to acceptance.

<sup>3</sup>An open enrollment course that may be taken prior to being accepted into the program.

**\*Program Application Deadline:** (A.A.S. Degree)–May 15 (Fall Semester)

Only HIMT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation. This does not apply to open enrollment HIMT courses.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?6024-Health-Information-Management-HIM>

## Health Sciences (HEAS)

This is an Associate of Applied Science (AAS) degree program in Health Sciences. This degree will provide a pathway for the following students:

- Those currently enrolled in a certificate-level program in a Health Sciences discipline from an accredited community or technical college.
- Those who have completed a certificate-level program in a Health Sciences discipline from a TN College of Applied Technology (TCAT) or other accredited community or technical college.
- Those currently credentialed as allied health/nursing practitioner who wish to continue their formal education and earn an Associate of Applied Sciences degree.

Allied Health Sciences discipline-specific core credits may be earned by:

- Current enrollment in appropriate allied health sciences courses.
- Transferring credits earned in a health science-related program or an allied health sciences certificate program from a TN College of Applied Technology (TCAT) or other accredited college or university.
- Portfolio assessment of college-level learning related to an allied health discipline.

In addition to the 15 credit hours of General Education courses currently required for an A.A.S. degree, students will complete the Health Science Core courses (ALHS 2311-Management and Leadership for Allied Health Supervisors, ALHS 2314-Medical Law and Ethics, ALHS 2312-Contemporary Issues in Healthcare) and one of the two options (Certificate or Experiential Learning Portfolio).

**Class Location:** The ALHS classes are primarily online with an orientation session held the first week of classes each semester at the Oak Ridge campus. Students may start the program Fall, Spring, or Summer semesters.

**Program Application Deadline:** None. Selective admission is not applicable to this program.

### Effective Fall 2019

General Education and Core Degree Requirements			Hours
ENGL	1010	Composition I	3
COLS	1010	Study, Organize, Succeed <sup>1</sup>	3
		Natural Science/Math Elective <sup>6</sup>	3-4
		Social Science Elective	3
		Humanities Elective	3
		General Education Elective <sup>2</sup>	3
ALHS	2311	Management/Supervision for AHS Supervisors	3
ALHS	2314	Medical Law and Ethics	3
ALHS	2312	Contemporary Issues in Healthcare	3
		ALHS Electives <sup>3</sup>	6
<b>SUB-TOTAL</b>			<b>33-34</b>

Choose one of the following two options:

#### Option 1: Certificate<sup>4</sup>

Certificate credits-must complete certificate to be eligible for degree	16-30
Guided Electives (if needed)	0-14

**TOTAL DEGREE HOURS** **60**  
**OR**

#### Option 2: Experiential Learning Portfolio<sup>5</sup>

ALHS 2315	Experiential Learning	3
ALHS 2316	Experiential Learning Portfolio	3-27
	Guided Electives (if needed)	0-24

**TOTAL DEGREE HOURS****60**

<sup>1</sup> Students with demonstrated academic success in previous college-level courses may be eligible to receive proficiency credit for this course. See the program director.

<sup>2</sup> General Education electives: One additional course from Communication, Humanities/Fine Arts, Social Behavioral Sciences, or Natural Science/Mathematics.

<sup>3</sup> Choose from: any excess credits from an Allied Health Technical Certificate *OR* ALHS elective courses (ALHS 2313, ALHS 2315 and ALHS 2317) not used elsewhere to fulfill requirements. Electives should be chosen in consultation with an academic advisor to ensure they are appropriate and add value to the intended career path.

<sup>4</sup> Completion of an allied health technical certificate is required for this option of the AAS degree program.

<sup>5</sup> Experiential portfolio assessment will be completed using the Council for the Assessment of Experiential Learning (CAEL) guidelines and assessment instruments. The maximum number of college credits that will be awarded for experiential learning portfolio will be 27 credit hours.

<sup>6</sup> Students must complete all Math Learning Support requirements (if applicable) before degree will be awarded.

Students pursuing this option will be advised by the Health Sciences Division.

**Contact**

Michael Laman  
lamanma@roanestate.edu  
(865) 354-3000 ext. 4267

## Mechatronics Technology (MECT)

The Associate of Applied Science degree in Mechatronics Technology prepares students for positions in the modern manufacturing workplace through a blend of electrical, mechanical, and computerized automation technologies in which they develop the skills to work as problem-solving technicians in an integrated, multi-disciplinary, high-tech industrial environment. The program is aligned with the Siemens Mechatronics Systems Certification Program. Students can earn Siemens Level 1 and Level 2 Certifications along with additional certifications (through technical electives) in robotics (FANUC), Solidworks (CAD), Injection Molding (Petersen), and in Industrial Safety (OSHA 30-hour).

### 1st Fall

COLS	1010	Study, Organize, Succeed	3
MECH	1320	Mechanical Components and Electrical Motors	3
ENST	1320	Solidworks I (CAD for Mechatronics) (Recommended) OR Technical Elective <sup>1</sup>	3
MECH	1330	Pneumatic and Hydraulic Control Circuits	3
WELL	1010	Lifetime Wellness (Recommended) OR Social/Behavioral Science Elective	3
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>18</b>

### Action Items

Oct	Meet with Success Coach or Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term

### 1st Spring

MECH	1310	Electrical Components	3
ENGL	1010	Composition I	3
MECH	1340	Digital Fundamentals and Programmable Logic Controllers	3
MECH	1350	Industrial Robots (Recommended) OR Technical Elective <sup>1</sup>	3
PHIL	1030	Intro to Philosophy (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Mar	Meet with Success Coach or Advisor
Apr	Register for next term
May	Register for Siemens Level 1 Mechatronics Assistant Certification Exam

### 2nd Fall

MECH	2440	Process Control Technologies	4
MECH	2441	Introduction to Totally Integrated Automation	4
MECH	2480	Automation Systems	4
MATH	1010	Math for General Studies	3
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

Oct	Complete Application for Graduation
Nov	Register for next term

### 2nd Spring

MECH	2320	Motor Controls	3
MECH	2425	Mechanics and Machine Elements	4
MECH	2490	Manufacturing Applications (Capstone Course)	4
PHYS	1010	Intro to Physics (Recommended) <b>OR</b> PHYS 2010 Non-calculus Based Physics I	4

	<b>TERM TOTAL</b>	<b>15</b>
Action Items		
Feb	Take Exit Exam ETS Proficiency Profile	
Mar	Begin job search using RaiderRecruit	
May	Register for Siemens Level 2 Mechatronics Associate Certification Exam	
	<b>TOTAL HOURS</b>	<b>63</b>

<sup>1</sup>Technical Elective - *Selected from the following- approved by advisor*

ENST	1320	Solidworks I (CAD for Mechatronics)
ENST	1350	Industrial Safety
MECH	1342	Programming in LabVIEW
MECH	1350	Industrial Robotics
MECH	1351	Autonomous Robots
MECH	1380	Computer Integrated Manufacturing
MECH	1381	Introduction to Injection Molding
MECH	1382	Injection Molding: Part Problems & Solutions
MECH	1390	Innovative Production & Problem Solving
MECH	1195	Internship in Mechatronics (1-3 credits)
MECH	2195	Internship in Mechatronics (1-3 credits)

This program is designed for students who plan to enter the workforce upon graduation and for those who wish to continue on to a four-year university to pursue higher degrees. RSCC has articulation agreements with certain State universities for students to pursue engineering or engineering technology degrees. Students should check with their academic advisor and the four-year institution regarding specific transfer of courses and for recommended electives for such a transfer.

Students pursuing Mechatronics Technology will be advised by the Mathematics and Sciences Division.

<http://www.roanestate.edu/?8368-Mechatronics-Program-AAS>

## Medical Informatics

The Medical Informatics program will provide a pathway for students who are interested in a career in Medical Informatics as either a technician or a developer. The discipline-specific courses offered during the first year will be the same for either specialty track and required for the medical informatics career options in the second year. Following the first year and upon acceptance into the program, students will select which specialty track they wish to pursue.

Students completing this program will not only meet all prerequisites to continue their education to become a medical informatics professional, they will have earned an Associate of Applied Science degree in Medical Informatics.

Admission Policies for Allied Health Sciences A.A.S. Degrees

### Developer Specialty Track (MINF MIFD)

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
INFS	1010	Computer Applications <sup>1</sup>	3
BIOL	2010	Anatomy and Physiology I	4
HIMT	1301	Intro to Health Information Management <sup>1</sup>	3
HIMT	1300	Medical Terminology <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

Sept	Meet with Success Coach or Advisor
Oct	Complete Allied Health Sciences application Complete FAFSA for upcoming fall term
Nov	Register for next term

<b>1st Spring</b>			<b>Hours</b>
CITC	1303	Database Concepts	3
CITC	1300	Beginning HTML and CSS	3
CITC	1310	Programming I	3
BIOL	2020	Anatomy and Physiology II	4
HIMT	1302	HIM Legal Aspects	3
<b>TERM TOTAL</b>			<b>16</b>

#### Action Items

Mar	Meet with Success Coach or Advisor
April	Register for next term

<b>2nd Fall</b>			<b>Hours</b>
CITC	1312	Intro to .NET Programming	3
CITC	2344	Database SQL Programming	3
MEDI	1201	Healthcare Vocabularies and Clinical Terminologies	2
HIMT	1303	Basic ICD Coding I	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>14</b>

#### Action Items

Sept	Complete Application for Graduation
Oct	Complete FAFSA for upcoming fall term
Nov	Register for next term

<b>2nd Spring</b>			<b>Hours</b>
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CITC	1333	Linux LPIC-I	3
CITC	1311	Programming II	3
HIMT	1201	Medical Office Procedures	2
WEBT	2300	Client-Side Programming (JavaScript)	3
PSYC	1030	Introduction to Psychology (Recommended) OR PSYC 2130 Lifespan Development Psychology	3
<b>TERM TOTAL</b>			<b>14</b>
Action Items			
Feb	Take Exit Exam (ETS Proficiency Profile)		
Mar	Begin job search using RaiderRecruit		
<b>TOTAL HOURS</b>			<b>60</b>

<sup>1</sup> Courses required to be completed prior to admission to the program: HIMT 1300, HIMT 1301, INFS 1010. A grade of “C” or better is required.

<sup>2</sup> Students accepted into the Medical Informatics Program will choose from the Developer or Technician Track for completion of the degree.

**Courses required for the Developer Track Electives include:** CITC 1310 - Programming I, CITC 1311- Programming II, and CITC 1312- Intro to .NET Programming.

**Courses required for the Technican Track Electives include:** CITC 1321 - A+ Hardware, CITC 1302 - Intro to Networking, and CITC 2399 - Internship.

Students must also obtain a grade of C or better in each required science course, as well as, each CITC and HIMT course to be accepted and remain in the Medical Informatics Program.

**Program application deadline:** October 31 (for Spring term admission), May 15 (for Fall term admission)

Students pursuing this option will be advised by the Allied Health Sciences Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

## Technician Specialty Track (MINF MIFT)

1st Fall			Hours
ENGL	1010	Composition I	3
INFS	1010	Computer Applications <sup>1</sup>	3
BIOL	2010	Anatomy and Physiology I	4
HIMT	1301	Intro to Health Information Management <sup>1</sup>	3
HIMT	1300	Medical Terminology <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>16</b>
Action Items			
Oct	Meet with Success Coach or Advisor Complete Allied Health Sciences application Complete FAFSA for upcoming fall term		
Nov	Register for next term		
1st Spring			Hours
CITC	1303	Database Concepts	3
BIOL	2020	Anatomy and Physiology II	4
CITC	1300	Beginning HTML and CSS	3
HIMT	1302	HIM Legal Aspects	3
PHIL	1040	Elementary Ethics (Recommended) OR Humanities Elective	3



		<b>TERM TOTAL</b>	<b>16</b>
Action Items			
	Mar	Meet with Success Coach or Advisor	
	April	Register for next term	
<b>2nd Fall</b>			<b>Hours</b>
HIMT	1303	Basic ICD Coding I	3
CITC	1321	A+ Hardware	3
CITC	1302	Introduction to Networking	3
CITC	2344	Database SQL Programming	3
MEDI	1201	Healthcare Vocabularies and Clinical Terminologies	2
		<b>TERM TOTAL</b>	<b>14</b>
Action Items			
	Sept	Meet with Faculty Advisor Complete Application for Graduation	
	Oct	Complete FAFSA for upcoming fall term	
	Nov	Register for next term	
<b>2nd Spring</b>			<b>Hours</b>
CITC	1333	Linux LPIC-I	3
CITC	2399	Internship	3
HIMT	1201	Medical Office Procedures	2
WEBT	2300	JavaScript	3
PSYC	1030	Introduction to Psychology OR PSYC 2130 Lifespan Development Psychology	3
		<b>TERM TOTAL</b>	<b>14</b>
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>60</b>

<sup>1</sup>Courses required to be completed prior to admission to the program: HIMT 1300, HIMT 1301, INFS 1010. A grade of “C” or better is required.

Students must also obtain a grade of C or better in each required science course, as well as, each CITC and HIMT course to be accepted and remain in the Medical Informatics Program.

**Program application deadline:** October 31 (for Spring term admission), May 15 (for Fall term admission)

Students pursuing this option will be advised by the Allied Health Sciences Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

# Nursing

The Associate of Applied Science degree program in Nursing emphasizes patient-centered approaches to nursing care. The graduate nurse is able to provide highly skilled nursing care for patients and families in a variety of health care delivery settings. The program of learning includes the study of clinical application of nursing theory and principles. The graduate is eligible to apply to take the NCLEX examination to become a registered nurse.

## Admission Policies for Associate of Applied Science in Nursing

The RSCC Academic Council has established (for both beginning and transfer students) the following requirements in considering applicants for admission into the Associate of Applied Science Degree Nursing Program.

- I. Applicants must:
  - A. Apply and be accepted to RSCC.
  - B. Submit high school transcripts or GED equivalent and transcripts of all previous college work to the Admissions and Records Office.
  - C. Take the ACT exam (for applicants under 21 years of age).
  - D. Satisfy any required Learning Support competencies prior to the application deadline to the nursing program as determined by the requirements specified in the Admission Requirements of the RSCC catalog under "General Student Classifications."
  - E. Pass the nursing pre-admission test by the application deadline. Pre-admission testing for entrance into the Nursing program is waived for those applicants with a previously earned associate degree or above from an accredited college (SACSCOC or equivalent accrediting body.)
- II. In addition to requirements above, applicants must meet requirement A, B, C, and D below prior to the published application deadline.
  - A. Be a minimum of 18 years old by the end of spring semester in the year petitioning for admission related to clinical requirements.
  - B. Complete at least 13 of the 27 required credit hours of Nursing general education courses including: ENGL 1010, MATH 1530, BIOL 2010, and PSYC 1030 or a guided elective (3 cr.).
  - C. Complete the required general education courses with a grade of "C" or above.
  - D. Achieve a 2.75 GPA (GPA is calculated only on the required general education courses).
  - E. Licensed Practical Nurses may be admitted by fulfilling the following:
    1. Meet requirements A, B, C, and D in the above Section I.
    2. Meet requirements A, B, C, and D in Section II.
    3. Pass a proficiency exam.
- III. Only nursing specialty courses which were completed within three years prior to applying for admission or readmission will be considered. Science courses more than five (5) years old will not be considered.
- IV. An information session will be scheduled in early summer (date to be published) for all accepted students. Students will receive information about health requirements, background checks, CPR, uniforms and other program requirements. Students will be permitted to register for nursing classes after attending the information session.
- V. A mandatory orientation to the nursing program will be scheduled prior to the first day of classes. Prior to this orientation students must submit:
  - A. A completed physical examination providing evidence of physical status necessary for practice in all areas of nursing care.
  - B. Proof of current CPR certification that includes one-person, two-person and infant and child CPR (Health Care Provider).
  - C. Evidence of completed background check and urine drug screening. Must be conducted after the student has turned 18 years of age.
  - D. Students who do not attend this orientation and submit physical examinations and proof of CPR certification by the first day of class will be withdrawn from the program.
- VI. Health:
  - A. Even though preliminary admission to the Nursing Program has been granted, a student will be required to undergo a physical exam/health verification before final admission to the program. Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Core performance standards for admission and progression which comply with the Americans with Disabilities Act of 1990 are listed in the catalog under Career Preparation Programs.
  - B. Students will be required to meet all health guidelines of the affiliating agencies. For example, health insurance may be required by some affiliating agencies. Not having health insurance could limit a student's educational experience. Students are responsible for costs incurred from injury or illness while in the Nursing Program.
- VII. Other
  - A. Criminal background checks and urine drug screens are a requirement of affiliated clinical sites utilized for training in the nursing program. Based on the results of these checks, an affiliated clinical site may determine to not allow a student's presence at their facility. This would result in the student's inability to successfully complete the requirements of the Nursing Program. Students will be responsible for the costs of the background check and urine drug screens. Additionally, a criminal background may preclude licensure or employment. More information is available from the Division Dean or program director.
  - B. Students will be required to provide nursing care under supervision for patients with infectious diseases. Any student refusing assignment to an infectious patient may be subject to dismissal from the program.
  - C. The applicant must report if any license in any health care field has been suspended, revoked or denied.
  - D. Additional testing and counseling may be recommended on an individual basis.

- E. The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Division Dean and the office of the Dean of Students/Student Services. Please refer to the nursing handbook for further information. Failure to correct the problem will result in termination from the Nursing Program.
- F. There are additional expenses for the nursing program. Uniforms are required. Financial Aid may be available. Questions should be directed to the Financial Aid office.

The Nursing Admissions Committee considers all eligible applicants and recommends applicants for acceptance into the Nursing Program. Students who have not met minimum requirements will not be considered. All students meeting minimum criteria will be considered competitively, using the published applicant ranking tool. It will be to the applicant's benefit to complete as many general education courses as possible by application deadline. The earlier application date will also be considered if admission ranking is equal. MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

### **Transferring Nursing Students**

RSCC General Student classification admission policies for transfer students apply to transferring nursing students. Students wishing to transfer nursing credits must meet RSCC general admissions requirements. Nursing Program admission requirements must also be met with the exception of the nursing pre-admission test. A letter of recommendation including evidence of clinical and lab competency must be submitted from the director of the previous nursing program. The student must be eligible to progress in their previous program. No nursing courses earned in a school of practical nursing may be credited by transfer, although academic courses, if earned through a college or university, will be evaluated for transfer. Nursing courses from an ACEN accredited or state approved School of Nursing will be evaluated for transfer on an individual basis.

### **Retention Policies**

1. The student must maintain a cumulative GPA of 2.0 or better. A "C" must be achieved in required general education and nursing courses in order to progress.
2. A student must satisfactorily complete each clinical rotation in order to continue in the program. A grade of "incomplete" must be removed prior to the first clinical day of the following semester in order to progress to the next nursing course.
3. The student must carry professional liability insurance while enrolled in nursing courses.
4. The student must maintain CPR Certification while enrolled in the nursing program.
5. The student must abide by the course and clinical policies as outlined in the Student Nurse Handbook. Failure to do so may result in dismissal from the program.

### **Readmission Procedures**

1. Only one readmission to the nursing program is permitted. Readmission to the nursing program is also contingent upon the availability of space. Requirements for initial admission to the nursing program with the exception of the 5-year requirement for science courses must be met in order for a student to be considered for readmission. Students with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the nursing faculty. Students seeking readmission to the nursing program must have an exit interview and state their intention in writing to the Program Director. For fall readmission, the exit interview and statement are due by April 1. For spring semester readmission, the exit interview and statement are due by October 1.
2. If two "D" grades or below are received in nursing courses, the student will be dismissed from the program and is not eligible for readmission into the nursing program.
3. Students repeating nursing courses must repeat both theoretical, clinical, and laboratory components of the course.
4. Students readmitted who have not been continuously enrolled in clinical courses must submit a new criminal background check, urine drug screen and physical exam form.
5. Readmitted students must complete all graduation requirements in effect for the program at the time of readmission.

### **Legal Limitations for Licensure**

A graduate of an approved school of nursing who has been convicted of a violation of the law other than a minor traffic violation may be denied a nursing license. A graduate's eligibility for licensure is determined on an individual basis. Applicants for initial licensure in Tennessee must obtain a criminal background check no more than 6 months prior to making application. Information about this process is supplied to students in the final year of the program. The Tennessee Board of Nursing Web site has more detailed information about this requirement. Interested parties should consult the Board of Nursing Rules and Regulation.

### **Academic Advisement**

Nursing faculty provide academic advisement for prospective nursing students as well as for those students admitted into the program. The faculty assist students with scheduling classes and dealing with academic concerns. Students should contact a faculty member for advisement as needed. It is recommended that students experiencing academic difficulties make an appointment and discuss this with a faculty member as soon as possible.

### **Core Performance Standards for Admission and Progression**

The Roane State Community College Nursing Program has adopted the following core performance standards. Admission to and progression in the nursing program is not based on these standards, rather they will be used to assist each student in determining whether accommodations or

modifications are necessary.

If a student believes that he or she cannot meet one or more of the standards without accommodations or modifications, the nursing program will determine, on an individual basis, whether or not the necessary accommodations or modifications can be made reasonably.

Below are the issues, standards and some examples of necessary activities:

**Critical Thinking** - Critical thinking ability sufficient for clinical judgement. (Identify cause/effect relationships in clinical situations, develop nursing care plans.)

**Interpersonal** - Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds. (Establish rapport with patients/clients and colleagues.)

**Communication** - Communication abilities sufficient for interaction with others in verbal and written form. (Explain treatment procedures, initiate health teaching, document and interpret nursing actions and patient/client responses.)

**Mobility** - Physical abilities sufficient to move from room to room and maneuver in small spaces. (Move around in patient's room, work spaces, and treatment areas, administration of cardiopulmonary procedures.)

**Motor Skills** - Gross and fine motor abilities sufficient to providing safe and effective nursing care. (Calibrate and use equipment; position patients/clients.)

**Hearing** - Auditory ability sufficient to monitor and assess health needs. (Hear monitor alarm, emergency signals, auscultatory sounds, cries for help.)

**Visual** - Visual ability sufficient for observation and assessment necessary in nursing care. (Observe patient/client responses.)

**Tactile** - Tactile ability sufficient for physical assessment. (Perform palpation, functions of physical examination and/or those related to therapeutic intervention, e.g. insertion of catheters.)

### Accreditation

The Roane State Nursing Program is accredited by:

Accreditation Commission for Education in Nursing (ACEN)  
3343 Peachtree Road, Suite 850  
Atlanta, GA 30326  
404-975-5000  
www.acenursing.org

<http://www.roanestate.edu/?5905-Nursing-Program>

## Traditional Program Option (NURT)

The Associate of Applied Science degree program in Nursing emphasizes patient-centered approaches to nursing care. The graduate nurse is able to provide highly skilled nursing care for patients and families in a variety of health care delivery settings. The program of learning includes the study of clinical application of nursing theory and principles. The graduate is eligible to apply to take the NCLEX examination to become a registered nurse.

1st Fall			Hours
ENGL	1010	Composition I <sup>1</sup>	3
PSYC	1030	Introduction to Psychology or Guided Elective <sup>1</sup>	3
BIOL	2010	Anatomy and Physiology I <sup>1,2</sup>	4
MATH	1530	Introductory Statistics (formerly Probability and Statistics) <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Sept	Take HESI Exam
Oct	Meet with Success Coach or Advisor to determine eligibility Complete A.A.S. Nursing application Complete FAFSA for upcoming fall term
Nov	Register for next term

**1st Spring**      **MAY be taken this term or concurrently with NRSNG courses.**      **Hours**

PSYC	1030	Introduction to Psychology or Guided Elective <sup>1,3</sup>	3
BIOL	2020	Anatomy and Physiology II <sup>2,3</sup>	4
BIOL	2230	Microbiology <sup>2,3</sup>	4
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective <sup>3</sup>	3

**2nd Fall**      **Hours**

NRSNG	1710	Fundamentals of Nursing	7
NRSNG	1360	Pharmacology in Nursing	3
BIOL	2020	Anatomy and Physiology II <sup>3</sup> (if not taken previously)	(4)
PSYC	1030	Introduction to Psychology <sup>3</sup> (if not taken previously)	(3)
<b>TERM TOTAL</b>			<b>10-17</b>

## Action Items

- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

**2nd Spring**      **Hours**

NRSNG	1320	Women's Health and the Childbearing Family	3
NRSNG	1620	Medical-Surgical Nursing I	6
BIOL	2230	Microbiology <sup>3</sup> (if not taken previously)	(4)
<b>TERM TOTAL</b>			<b>9 - 13</b>

## Action Items

- Mar Meet with Faculty Advisor
- April Register for next term

**3rd Fall**      **Hours**

NRSNG	2630	Medical-Surgical Nursing II	6
NRSNG	1330	Pediatric Nursing	3
		Guided Elective <sup>1</sup> (if not taken previously)	(3)
<b>TERM TOTAL</b>			<b>9 - 12</b>

## Action Items

- Sept Complete Application for Graduation
- Oct Meet with Faculty Advisor
- Nov Register for next term

**3rd Spring**      **Hours**

NRSNG	1340	Mental Health Nursing	3
NRSNG	2240	Professional Practice in Nursing	2
NRSNG	2640	Medical-Surgical Nursing III	6
		Humanities Elective <sup>3</sup> (if not taken previously)	(3)
<b>TERM TOTAL</b>			<b>11-14</b>

## Action Items

- Mar Take Exit Exam (ETS Proficiency Profile)  
Begin job search using RaiderRecruit
- Post Take Licensing Exam

**TOTAL HOURS**      **66**

<sup>1</sup> Courses to be completed prior to the application deadline are: ENGL 1010, BIOL 2010, MATH 1530, PSYC 1030 or a guided elective (3 cr.) to be selected from: ENGL 1020, COMM 2025 or PSYC 2130.

<sup>2</sup> Science courses cannot be more than five (5) years old.

<sup>3</sup> General Education requirement course to be taken either prior to admission or after admitted to the Nursing program.

Nursing Program Application Deadline: 4th Friday in January for admission into the following Fall class.

This program is designed for students who plan to enter the field upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

## LPN Mobility Program Option (NURL)

LPN Career Mobility may not be offered every year. Availability of this option is dependent upon the number of qualified applicants.

This program is designed to facilitate the achievement of a registered nurse level education by LPNs who qualify for admission. LPNs who wish to qualify for this program are required to pass the proficiency examination. The examination will cover fundamentals of nursing.

Examination scores are valid for three (3) years. Candidates who do not enter the program after three (3) years will be required to repeat the examination process.

Admission to the Career Mobility option is not automatic. Academic qualifications as well as test scores will be considered in the selection process. Admission is also contingent on available space in the program. Other admission, progression, readmission, and retention policies are the same as those for the Traditional nursing program.

A grade of "C" or better must be achieved in all of the required courses. Science Courses must be less than 5 years old at time of admission to the Nursing Program.

1st Fall			HOURS
BIOL	2010	Anatomy and Physiology I <sup>1,2</sup>	4
ENGL	1010	Composition I <sup>1</sup>	3
MATH	1530	Introductory Statistics <sup>1,3</sup> (formerly Probability and Statistics)	3
PSYC	1030	Introduction to Psychology (Recommended) OR Guided Elective <sup>1</sup>	3
<b>Term Total</b>			<b>13</b>

### Action Items

Sept	Take LPN Challenge Exam
Oct	Meet with Success Coach or Faculty Advisor Complete FAFSA for upcoming fall term
Nov	Register for next term
Dec	Complete Nursing application in RaiderNet

### 1st Spring **MAY be taken this term or concurrently with NRSNG courses**

BIOL	2020	Anatomy and Physiology II <sup>2</sup>	4
BIOL	2230	Microbiology	4
		Guided Elective (Recommended) OR PSYC 1030 General Psychology(must take, if not previously taken) <sup>1</sup>	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3

### Action Items

Mar	Meet with Success Coach or Faculty Advisor
Apr	Register for next term

### 2nd Fall

NRSNG	1320	Women's Health and the Childbearing Family	3
NRSNG	1360	Pharmacology in Nursing	3
NRSNG	1100	Transition to Professional Nursing	1
BIOL	2020	Anatomy and Physiology II <sup>2</sup> (If not taken previously)	4
<b>Term Total</b>			<b>7-11</b>

## Action Items

- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

**2nd Spring**

NRSG	1620	Medical-Surgical Nursing I	6
BIOL	2230	Microbiology <sup>2</sup> (If not taken previously)	4
NRSG	1340	Mental Health Nursing	3
<b>Term Total</b>			<b>9-13</b>

## Action Items

- Mar Meet with Faculty Advisor
- April Register for next term

**3rd Fall**

NRSG	1330	Pediatric Nursing	3
NRSG	2630	Medical-Surgical Nursing II	6
<b>Term Total</b>			<b>9</b>

## Action Items

- Oct Complete Application for Graduation
- Nov Register for next term

**3rd Spring**

NRSG	2240	Professional Practice in Nursing	2
NRSG	2640	Medical-Surgical Nursing III	6
PHIL	1040	Elementary Ethics (Recommended) OR Humanities Elective (If not taken previously)	3
<b>Term Total</b>			<b>11</b>

## Action Items

- Feb Pay Credit by Proficiency fee in Business Office  
Take Exit Exam
- Mar Begin job search using RaiderRecruit  
LPN Challenge Exam Credit - NRSG 1710 <sup>3</sup>
- Total Hours** **67**

<sup>1</sup> Courses to be completed prior to the application deadline are: ENGL 1010, BIOL 2010, MATH 1530, PSYC 1030 or a Guided Elective (3 cr.) to be selected from: ENGL 1020, COMM 2025 or PSYC 2130.

<sup>2</sup> Science courses cannot be more than 5 years old upon admission to the program. Strongly recommend completion of BIOL 2020 prior to taking nursing courses.

<sup>3</sup> NRSG 1710-Fundamentals of Nursing Practice - 7 credits, to be awarded on RSCC transcript for LPN Challenge Exam.

Nursing Program Application Deadline: 4th Friday in January for admission into the following Fall class.

Academic Advisement: Student pursuing this option will be advised by the Nursing Division. A mandatory orientation to the Nursing Program will be scheduled prior to the first day of nursing classes.

## Occupational Therapy Assistant (AOTA)

The Occupational Therapy Assistant (OTA) is a health professional who uses purposeful activity to enhance functional abilities of individuals limited by physical injury or illness, psychosocial dysfunction, developmental or learning disabilities, poverty and cultural differences, or the aging process. The OTA works under the supervision of a occupational therapist (OT) and collaborates with others to maximize independence, prevent disability, and maintain the health of individuals who require services. Students are trained in the skills and techniques necessary to participate in assessment and treatment in accordance with the occupational therapy plan of care.

### Admission Policies for Allied Health Sciences A.A.S. Degrees

In addition to meeting the general requirements for the college and the Allied Health Sciences programs, applicants to the Occupational Therapy Assistant (OTA) program must:

1. Obtain a minimum GPA of 2.5 in the general education courses included in the OTA degree plan. Required science courses older than 5 years at time of program admission will not be considered.
2. Complete eight (8) observational or volunteer hours in two (2) different practice settings and submit a recommendation form from each of the two (2) supervisors. Supervisors who complete the recommendation form must be either an OT or OTA with a minimum of one (1) year of clinical experience and may not be related to the applicant.
3. Ensure that all application materials are received by the March 31 application deadline.
4. If selected, participate in an interview with OTA program representatives. Students will receive notification of the interview through their RaiderNet email.

Up to twenty (20) students are typically admitted to the Oak Ridge cohort. Students may seek admission to the Roane State OTA program through the East TN Alliance with the completion of 12 or more applicable credit hours at Chattanooga State Community College. Up to ten (10) qualified students may be admitted through the East TN Alliance.

The OTA curriculum includes a blend of online and hybrid courses coupled with face-to-face labs. All students are required to travel to the Oak Ridge campus one day per week for labs. Level I and Level II fieldwork experiences are completed in community-based practice settings. Placement decisions are based on factors such as site availability, alignment with program philosophy, and geographic proximity to the student.

*NOTE: All OTA students must complete Level II Fieldwork within 18 months following completion of academic preparation.*

Graduates of the program will be able to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification of Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Initial certification is a requirement for licensure in all states.

*NOTE: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination.*

Roane State Community College's OTA program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. (301) 652-AOTA.

1st Fall			Hours
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
PSYC	2130	Lifespan Development Psychology	3
<b>TERM TOTAL</b>			<b>10</b>

#### Action Items

Oct	Meet with Success Coach or Advisor Attend OTA Group Advising Complete FAFSA for upcoming fall term
Nov	Register for next term Apply to OTA Program through Raidernet
Dec	Schedule OTA Observations

1st Spring			Hours
BIOL	2020	Human Anatomy and Physiology II	4
PSYC	2230	Abnormal Psychology	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>10</b>



Action Items

- Feb Submit recommendation forms before OTA deadline
- Mar Meet with Success Coach or Advisor
- April Register for next term

<b>1st Summer</b>		<b>Hours</b>
OTAP 1110	OTA Program Orientation (required for those accepted to the program)	1
	<b>TERM TOTAL</b>	<b>1</b>

Action Items

- June Must take this online course in summer session IF admitted to OTA Program
- Aug Attend on-campus New OTA Student Orientation

<b>2nd Fall</b>		<b>Hours</b>
ALHS 1211	Terminology for Medical Communication <sup>1</sup>	2
OTAP 1210	Foundations of OT	2
OTAP 1320	Exploring Occupations	3
OTAP 1220	OT Documentation w/Level 1A	2
OTAP 1340	Human Movement for Occupation	3
	<b>TERM TOTAL</b>	<b>12</b>

Action Items

- Oct Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>2nd Spring</b>		<b>Hours</b>
OTAP 1520	Theory and Treatment: Psych	5
OTAP 1240	OT Documentation w/Level 1B	2
OTAP 1510	Neurological Theory and Treatment	5
	<b>TERM TOTAL</b>	<b>12</b>

Action Items

- April Register for next term

<b>3rd Fall</b>		<b>Hours</b>
OTAP 2510	Physical Dysfunction	5
OTAP 2220	Practice Management	2
OTAP 2520	Pediatrics	5
OTAP 2110	Level I C	1
	<b>TERM TOTAL</b>	<b>13</b>

Action Items

- Sept Complete Application for Graduation

<b>3rd Spring</b>		<b>Hours</b>
OTAP 2610	Level II A	6
OTAP 2620	Level II B	6
	<b>TERM TOTAL</b>	<b>12</b>

Action Items

- Feb Take Exit Exam (ETS Proficiency Profile)
- May Begin job search using RaiderRecruit
- Register for NBCOT exam to take certification exam
- Apply for state licensure

<b>TOTAL HOURS</b>	<b>70</b>
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Applicants are advised to complete general education requirements prior to seeking admission to the OTA program.

<sup>1</sup>Students who are required to take 12 credit hours for federal financial aid are advised to take ALH 118 in the first semester of the first year in the OTA program. Note: Completion of ALH 118 prior to admission does NOT influence admission points.

**Program Application Deadline: March 31**

This program is designed for students who plan to enter the workforce upon graduation. It is not intended as a transfer pathway into an occupational therapy program. Students who intend to transfer to a four-year institution should follow the TN Transfer Pathway in Pre-Occupational Therapy

<http://www.roanestate.edu/?5979-Occupational-Therapy-Assistant>

# Paralegal Studies (LEGL)

*ABA Approved*

A legal assistant or paralegal is a person qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity who performs specifically designated substantive legal work for which a lawyer is responsible. (American Bar Association Standing Committee on Legal Assistants.)

The paralegal studies program is designed to prepare students to be proficient in paralegal duties and responsibilities. Students who complete this curriculum will be able to apply basic legal concepts and become familiar with Tennessee’s court system and its substantive and procedural laws. Competency objectives include skills in legal ethics, research, writing, problem solving, and communication. Students will participate in an internship for practical experience. Admission to this program will require students to meet the minimum course standards for other two-year technical degree programs.

*Roane State’s Paralegal Studies program supports the general principles of ethical legal practice, professional responsibility, and the prohibition against the unauthorized practice of law by non-lawyers (including paralegals).*

The objectives of the Paralegal Studies program are to educate and make students proficient in the following areas: legal ethics, procedural law, substantive law, and working in a legal environment.

These objectives are met by requiring students to complete (1) legal introductory courses; (2) legal specialty courses; and (3) a required internship and by exposing them to (4) quality instruction in each of these areas that promotes mastery of the procedural aspects of legal work. Upon completion of the Paralegal Studies program, students will be able to: recognize, evaluate, and appropriately respond to ethical dilemmas; perform legal research tasks; perform legal writing tasks (including pleading, briefs, correspondence, real property documents, bankruptcy documents, business organization documents, and internal memoranda); interview clients and witnesses; investigate legal matters; work closely with supervising attorneys in a wide variety of substantive legal matters; and quickly familiarize themselves with and work well in a variety of legal office settings.

After successful completion of coursework within the major, all students will be required to take a final comprehensive exam to measure program competency achievement. The exam is designed to determine to what degree students have achieved program objectives and competencies. Students should demonstrate a minimal level of competence to satisfy the requirements to graduate. Graduates of this program will be eligible to sit for the National Association of Legal Assistants (NALA) certified legal assistant exam.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
LEGL	1300	Introduction to the Legal Profession and Ethics	3
LEGL	1305	Survey of American Law	3
LEGL	1320	Legal Research	3
COMM	2025	Fundamentals of Communication	3
<b>TERM TOTAL</b>			<b>15</b>

Action Items

- Aug Attend Paralegal Studies Orientation
- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term
- Dec Join Paralegal Association - See advisor for info

<b>1st Spring</b>			<b>Hours</b>
ENGL	1020	Composition II	3
LEGL	1330	Legal Writing	3
LEGL	1360	Criminal Law	3
LEGL	1370	Trusts and Estates	3
MATH	1530	Introductory Statistics (Recommended) OR Mathematics Elective OR Natural Science Elective	3-4
<b>TERM TOTAL</b>			<b>15-16</b>

Action Items

- Mar Meet with Success Coach or Advisor

Mar Contact Program Director regarding summer internship

April Register for next term

**1st Summer**

LEGL	2390	Legal Internship	3
<b>TERM TOTAL</b>			<b>3</b>

**2nd Fall**

INFS	1010	Computer Applications (Recommended) OR HIMT 1300 Medical Terminology	3	<b>Hours</b>
LEGL	1340	Family Law	3	
LEGL	1350	Torts	3	
LEGL	2380	Civil Litigation Skills I	3	
		Humanities Elective	3	
<b>TERM TOTAL</b>			<b>15</b>	

Action Items

Sept Complete Application for Graduation

Oct Meet with Faculty Advisor

Nov Register for next term

**2nd Spring**

LEGL	2315	Legal Environment of Business for Paralegals	3	<b>Hours</b>
LEGL	2340	Property Law	3	
LEGL	1315	Technology in the Law Office	3	
SOCI	1010	Introduction to Sociology (Recommended) OR ANTH 1230 Intro to Cultural Anthropology	3	
<b>TERM TOTAL</b>			<b>12</b>	

Action Items

Feb Take Exit Exam (ETS Proficiency Profile)  
Begin review for Program Exit Review (Graduation Requirement)

Mar Contact advisor to complete program exit exam

Apr Begin job search using RaiderRecruit

**TOTAL HOURS** **60-61**

<sup>1</sup>Students must complete all Math Learning Support requirements before degree will be awarded.

Students pursuing this option will be advised by the Social Science, Business and Education Division.

The maximum number of credit hours of legal specialty courses a student may transfer to the Associate of Applied Science degree in Paralegal Studies is fifteen (15) credit hours. The legal specialty credit hours to be transferred must have been earned from a fully accredited institution of higher learning and must be approved by the program director to ensure that the credit can be classified as legal specialty and is comparable to course work offered within the program. The Paralegal Studies program does not award legal specialty credit by examination.

Graduates of the paralegal program are encouraged to continue their education. For more information concerning transfer of courses, please contact the program director.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?5597-Paralegal-Studies-Program>

# Physical Therapist Assistant (APTA)

The Physical Therapist Assistant (PTA) Program prepares students to assist the supervising physical therapist in providing physical therapy care. The 1+1 curriculum design includes the equivalent of one year of general education coursework and a second year of physical therapy technical courses. All first-year program prerequisites must be completed prior to being considered for admission into the second year. The program is competitive and draws many applicants. A maximum of twenty students are selected based on academic performance, recommendation scores (based on clinical observation assignment as a part of PTAT 2210 -Introduction to Physical Therapy) and interview scores. Those not accepted can apply for the following year or seek advisement on other possible career options.

Once accepted into the PTA program, the student begins the second year (technical phase) which includes academic and laboratory components taught at the Oak Ridge campus, and clinical components located in regional healthcare facilities. The second year requires full-time participation and lasts one calendar year from August to August. Second year students will be required to attend an orientation session and be certified (and maintain certification) in Basic First Aid and Basic Life Support for Healthcare Providers (CPR) through the American Heart Association prior to the start of classes. Classes taken during the second year must be taken in sequence and require a full-time course load. During the second year, students may be required to travel within the East Tennessee region to clinical facilities.

## Admission Policies for Allied Health Sciences A.A.S. Degrees

In addition to general entrance requirements for the Allied Health Sciences programs, the applicants for the PTA program must:

1. Complete all first-year general education courses (prerequisites) by the program application deadline. Required science courses older than 5 years at time of program admission will not be considered.
2. Submit all admission materials, including applications, final transcripts and spring semester grades by May 15th of the year applying. Those applicants who fail to have documents in by the deadline will not be considered in the applicant pool.
3. Obtain a cumulative GPA of 2.5 or better in the required general education courses for the program.
4. Obtain a "C" or better in each of the required first year general education courses.
5. Complete 12 hours of clinical observation under the supervision of a licensed PT or PTA (completed in PTAT 2210 -Intro to Physical Therapy)
6. If selected, participate in an interview with PTA program representatives. Students will receive notification of the interview through their RaiderNet email.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
MATH	1530	Introductory Statistics	3
ALHS	1211	Terminology for Medical Communications	2
<b>TERM TOTAL</b>			<b>12</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Attend Group Advising Session  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
BIOL	2020	Anatomy and Physiology II	4
PSYC	2130	Lifespan Development Psychology (Recommended) OR PSYC 1030 Introduction to Psychology	3
PTAT	2200	Introduction to Physical Therapy	2
<b>TERM TOTAL</b>			<b>12</b>

### Action Items

- Jan Apply to PTA Program through Raidernet
- Mar Meet with Success Coach or Advisor
- April Register for next term
- Post Interview for PTA Program  
Candidates Accepted  
Informational meeting for accepted students

<b>2nd Fall</b>			<b>Hours</b>
PTAT	2410	Kinesiology for the PTA	4
PTAT	2440	Biophysical Agents for the PTA	4
PTAT	2460	Patient Care Skills for the PTA	4
PTAT	2370	Professional Development for the PTA	3
PTAT	2190	Integrated Clinical Education I	1
<b>TERM TOTAL</b>			<b>16</b>

## Action Items

Aug	Mandatory orientation for new candidates
Sept	Complete criminal background check and CPR Complete Application for Graduation
Nov	Register for next term

<b>2nd Spring</b>			<b>Hours</b>
PTAT	2530	Medical and Surgical Conditions for the PTA	5
PTAT	2510	Musculoskeletal Conditions and Treatment for the PTA	5
PTAT	2520	Neuromuscular Conditions and Treatment for the PTA	5
PTAT	2170	Professional Development for the PTA	1
PTAT	2191	Integrated Clinical Education II	1
<b>TERM TOTAL</b>			<b>17</b>

## Action Items

Feb	Take Exit Exam (ETS Proficiency Profile)
Mar	Apply for Tennessee License Register for Summer term
May	Register to take NPTE

<b>2nd Summer</b>			<b>Hours</b>
PTAT	2280	Seminar for the PTA	2
PTAT	2493	Terminal Clinical Education I	4
PTAT	2494	Terminal Clinical Education II	4
<b>TERM TOTAL</b>			<b>10</b>

## Action Items

July	Take NPTE Begin job search using RaiderRecruit	
<b>TOTAL HOURS</b>		<b>67</b>

**Program Application Deadline: May 15**

Students pursuing this program will be advised by the Allied Health Sciences Division.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

The Physical Therapist Assistant Program at Roane State Community College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: (703) 706-3245; email: accreditation@apta.org; website: <http://www.capteonline.org>

<http://www.roanestate.edu/?5956-Physical-Therapist-Assistant>

# Radiologic Technology (ARDT)

The radiographer is a health care professional that performs radiographic procedures that provide information to assist in the diagnosis and treatment of the patient. The Radiologic Technology Program consists of five semesters of full-time study which includes supervised clinical coursework in a radiology department. The program is affiliated with 17 area hospitals. Each student will be assigned to a variety of clinical sites during the two years of clinical coursework. Clinical experiences will include evening rotations.

Applicants for the program may begin working on the general education courses at any time. The professional courses must be taken in sequence and are offered only at the Oak Ridge Branch Campus except for the clinical courses.

## Admission Policies for Allied Health Sciences A.A.S. Degrees

Along with the general entrance requirements of the Allied Health Sciences programs, the applicants for Radiologic Technology Program must also:

1. Submit all admission materials including applications and transcripts by May 15th of the year you are applying. Applicants who fail to have documents in by the deadline will not be considered for admission.
2. Obtain a GPA of 2.5 or better in the required courses.
3. Obtain a "C" or better in each required course.
4. Science courses more than 5 years old at the time of admission to the program will not be considered. Exceptions require the approval of the program director.
5. Be a minimum of 18 years old by the end of the spring semester in the year petitioning for admission as per clinical affiliate requirements.

The Radiologic Technology Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; (312) 704-5300; [www.jrcert.org](http://www.jrcert.org). Graduates of the program are eligible to take the certification examination administered by the American Registry of Radiologic Technology.

<b>1st Fall</b>			<b>Hours</b>
ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I <sup>1</sup>	4
RADT	1200	Introduction to Medical Imaging	2
MATH	1530	Introductory Statistics (Recommended) OR MATH 1130, 1630, 1730 or higher level math course	3
<b>TERM TOTAL</b>			<b>12</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Attend a group advising session  
Complete FAFSA for upcoming fall term
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
BIOL	2020	Human Anatomy and Physiology II <sup>1</sup>	4
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
PSYC	2130	Lifespan Development Psychology (Recommended) OR Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>10</b>

### Action Items

- Mar Meet with Success Coach or Advisor  
Apply to the Rad Tech program<sup>3</sup>
- April Register for next term

<b>2nd Fall</b>			<b>Hours</b>
RADT	1215	Introduction to Radiography	2
RADT	1210	Radiographic Image Critique I	2
RADT	1260	Radiographic Practicum I	2
RADT	1330	Radiographic Procedures I	3
RADT	1385	Radiographic Equipment Operation	3

	<b>TERM TOTAL</b>	<b>12</b>
Action Items		
Oct	Meet with Faculty Advisor Complete FAFSA for upcoming fall term	
Nov	Register for Spring and Summer terms	
<b>2nd Spring</b>		<b>Hours</b>
RADT 1235	Radiographic Image Critique II	2
RADT 1340	Radiographic Procedures II	3
RADT 1270	Radiographic Practicum II	2
RADT 1390	Principles of Image Acquisition	3
RADT 1220	Radiation Biology and Safety	2
	<b>TERM TOTAL</b>	<b>12</b>
Action Items		
Mar	Meet with Faculty Advisor	
April	Register for next term	
<b>2nd Summer</b>		<b>Hours</b>
RADT 2260	Radiographic Practicum III	2
RADT 2115	Radiographic Image Critique	1
RADT 2330	Radiographic Procedures III	3
	<b>TERM TOTAL</b>	<b>6</b>
<b>3rd Fall</b>		<b>Hours</b>
RADT 2370	Radiographic Practicum IV	3
RADT 2335	Radiographic Procedures IV	3
RADT 1380	Principles of Radiation Physics	3
RADT 1250	Radiographic Digital Imaging	2
	<b>TERM TOTAL</b>	<b>11</b>
Action Items		
Sept	Complete Application for Graduation	
Oct	Meet with Faculty Advisor	
Nov	Register for next term	
<b>3rd Spring</b>		<b>Hours</b>
RADT 2380	Radiographic Practicum V	3
RADT 2250	Advanced Patient Care	2
RADT 2385	Radiographic Capstone	3
RADT 2210	Radiographic Pathology	2
RADT 2295	Radiographic Seminar	2
	<b>TERM TOTAL</b>	<b>12</b>
Action Items		
Feb	Take Exit Exam (ETS Proficiency Profile)	
Mar	Begin job search using RaiderRecruit	
	<b>TOTAL HOURS</b>	<b>75</b>

<sup>1</sup>These courses are prerequisites to all 200 level RADT courses.

<sup>2</sup>An open enrollment course available to any Radiologic Technology candidate.

<sup>3</sup>**Program Application Deadline:** May 15th

This program is designed for students who do not intend to transfer to a baccalaureate degree program.



**Advanced Standing Program (for registered technologists)**

This program is designed for the technologist that is registered with the American Registry of Radiologic Technologists and is seeking to complete a degree in Radiologic Technology. Applicants must apply to the Allied Health Science Admissions Committee for official acceptance to the program. Applicants accepted to the program will be given course credit for the following Radiologic Technology courses after submitting a copy of the ARRT certificate to the program director and completion of the Credit by Proficiency form available in the Records Office.

**The following courses will be assigned course equivalency:**

RADT	1200	Introduction to Medical Imaging	2
RADT	1210	Radiographic Image Critique	2
RADT	1215	Introduction to Radiography	2
RADT	1220	Radiation Biology and Safety	2
RADT	1235	Radiographic Image Critique II	2
RADT	1250	Radiographic Digital Imaging	2
RADT	1260	Radiographic Practicum I	2
RADT	1270	Radiographic Practicum II	2
RADT	1330	Radiographic Procedures I	3
RADT	1340	Radiographic Procedures II	3
RADT	1380	Principles of Radiation Physics	3
RADT	1385	Radiographic Equipment Operation	3
RADT	1390	Principles of Image Acquisition	3
RADT	2210	Radiographic Pathology	2
RADT	2115	Radiographic Image Critique III	1
RADT	2250	Advanced Patient Care	2
RADT	2260	Radiographic Practicum III	2
RADT	2295	Radiographic Seminar	2
RADT	2330	Radiographic Procedures III	3
RADT	2335	Radiographic Procedures IV	3
RADT	2370	Radiographic Practicum IV	3
RADT	2380	Radiographic Practicum V	3
RADT	2385	Radiographic Capstone	3
		<b>TOTAL CREDIT AWARDED</b>	<b>55</b>

**The following courses are required:**

BUSN	1380	Supervisory Management	3
ENGL	1010	Composition I	3
MATH	1130	College Algebra or Higher Level Math	3
		Humanities Elective	3
		Physical Education Elective	1
		Science Elective	4
		Social Science Elective	3
		ARRT Certification Credits	55
		<b>TOTAL SEMESTER HOURS</b>	<b>75</b>

Students pursuing this program will be advised by the faculty in the Radiologic Technology Program.

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?5995-Radiologic-Technology>

## Respiratory Care (ARSP)

The Respiratory Care program prepares an individual to perform the staff responsibilities of the respiratory care profession. General education courses and respiratory care courses which include supervised clinical experience in area hospitals make up the building blocks of this exciting curriculum. All respiratory care courses are taught at the Knox County campus.

Along with the general entrance requirements of the Allied Health Sciences programs, the applicants for Respiratory Care must also:

1. Obtain a GPA of 2.75 or greater in the in the general education courses required in the Respiratory Care curriculum.
2. Complete BIOL 2010 Anatomy and Physiology I with a grade of "C" or better.
3. Obtain a "C" or better in each required science course.
4. Only respiratory care courses which were completed within three years prior to applying for admission or readmission will be considered for transfer. Science courses more than ten (10)years old will not be considered.

Students that have been admitted into the program must attend an orientation to the Respiratory Care program prior to the first day of class. Students must submit physical examination forms at this time. Students who fail to attend orientation or submit physical examination forms and CPR certification may be dropped from the program. Proof of CPR certification must be submitted prior to beginning RESP 1420.

All students must pass a mock written registry to graduate from RSCC. Upon graduation, students are eligible to take the credentialing examinations offered by the National Board of Respiratory Care. The program is accredited by the Commission on Accreditation for Respiratory Care.

**These classes may be taken prior to being accepted into the program.**

### 1st Fall

ENGL	1010	Composition I	3
BIOL	2010	Human Anatomy and Physiology I	4
MATH	1530	Introductory Statistics (Recommended) OR MATH 1130, 1630, 1730 or higher level math	3
PSYC	1030	Introduction to Psychology (Recommended) OR Social/Behavioral Science Elective	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

- |     |   |
|-----|---|
| Oct | Meet with Success Coach or Advisor<br>Complete FAFSA for upcoming fall term |
| Nov | Register for next term  |

### 1st Spring

BIOL	2230	Microbiology	4
BIOL	2020	Human Anatomy and Physiology II	4
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective	3
<b>TERM TOTAL</b>			<b>11</b>

### Action Items

- |     |   |
|-----|---|
| Feb | Complete Health Sciences application before May 15th deadline |
| Mar | Meet with Success Coach or Advisor                            |

### 2nd Fall

RESP	1410	Fundamentals of RC - 1	4
RESP	1320	Cardiopulmonary Physiology	3
RESP	1225	Cardiopulmonary Pharmacology	2
<b>TERM TOTAL</b>			<b>9</b>

### Action Items

- |     |                                       |
|-----|---------------------------------------|
| Oct | Complete FAFSA for upcoming fall term |
| Nov | Register for next term                |

### 2nd Spring

RESP	1420	Fundamentals of RC - 2	4
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RESP	1310	Cardiopulmonary Pathophysiology	3
RESP	1220	Introduction to Clinical Practice	2
		<b>TERM TOTAL</b>	<b>9</b>
Action Items			
	Apr	Register for Summer and Fall terms	
<b>2nd Summer</b>			
RESP	2440	Mechanical Ventilation	4
RESP	2230	Introduction to Critical Care	2
		<b>TERM TOTAL</b>	<b>6</b>
<b>3rd Fall</b>			
RESP	2460	Fundamentals of RC - 3	4
RESP	2330	Hemodynamic Monitoring	3
RESP	2370	Neonatal Respiratory Care	3
RESP	2341	Clinical Practice - 2	3
		<b>TERM TOTAL</b>	<b>13</b>
Action Items			
	Oct	Complete Application for Graduation	
	Nov	Register for next term	
<b>3rd Spring</b>			
RESP	2320	Fundamentals of RC - 4	3
RESP	2120	Respiratory Care Seminar	1
RESP	2310	Comprehensive ACLS	3
RESP	2457	Clinical Practice - 3	4
		<b>TERM TOTAL</b>	<b>11</b>
Action Items			
	Mar	Take Exit Exam (ETS Proficiency Profile)	
	Apr	Complete State Licensure Application Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>72</b>

Students pursuing this option will be advised by the Allied Health Sciences Division.

**Program Application Deadline: May 15**

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their academic advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?6002-Respiratory-Care>

## Surgical Technology (ASRG)

Surgical technologists are allied health professionals who work under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

The Surgical Technology program includes lecture classes held at the Oak Ridge Campus and supervised clinical coursework in an operating room. Labs are conducted on the Oak Ridge campus.

Applicants for the program may begin working on the general education courses at any time. The professional courses must be taken in sequence and are offered at the Oak Ridge Branch Campus except for the clinical courses. The program is affiliated with several area hospitals. Students will be assigned to a clinical affiliate to complete their required clinical rotations. Clinical rotations are part of the educational experience, and students will work under the direction and supervision of hospital staff while at their assigned facility. Clinical experiences may include evening rotations.

### Admission Policies:

Due to limited enrollment, there are special admission policies for the Surgical Technology Program.

Applicants must:

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Be at least 18 years old by the end of spring semester of the year petitioning for admission and complete the electronic Application by the published program deadline (see Surgical Technology information on the RSCC website). Go to RaiderNet and click on "Apply for a Health Science Program".
3. Meet the following academic admission criteria:
  - a. Satisfy all learning support competencies *prior to acceptance into the Surgical Technology program*
  - b. Be enrolled in or have completed required prerequisite general education courses before final admission.
  - c. Attain a GPA of 2.50 or better after completion of at least 13 semester hours of the following prerequisite general education courses: ENGL 1010, MATH 1530, BIOL 2010, ALHS 1300. Science courses more than 5 years old by the application deadline will not be considered.
  - d. Attain a "C" or better in all required courses.
4. Meet the following additional admission requirements:
  - a. Complete an interview to be considered for admission to the program. The top candidates will be selected for an interview based on the admission criteria point system.
  - b. Be able to physically meet the demands of the job as defined by the discipline, available industry standards and the

All students meeting minimum criteria will be considered competitively, MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

### Program Application Deadline

In order for applicants to have priority consideration for entrance into the Surgical Technology Program for the following fall semester, applications must be submitted prior to the published deadline.

Incomplete applications will not be processed. Any applications received after the published application deadline may be considered by the Program Director on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the appropriate department by the published application deadline.(SAME)

Final selection of students will be made by the Surgical Technology Admissions Committee.

Students will be notified electronically via RaiderNet email of acceptance to the Surgical Technology. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

### Conditional Admission

Students that do not meet minimum requirements may be considered for conditional acceptance status on a space-available basis.

### Criminal Background Checks

Criminal background checks and drug screening are a requirement at affiliated clinical sites utilized for training in healthcare related programs. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude certification with licensure or employment. More information is available from your program director.

### Health Guidelines

Complete required physical exam/health verification prior to enrollment. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required to meet all health guidelines of affiliated clinical agencies including current AHA CPR for healthcare provider. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled.

### Program Application Deadline

In order for applicants to have priority consideration for entrance into the Surgical Technology Program for the following fall semester, applications should be submitted prior to the published deadline, which is March 31.

Incomplete applications will not be processed. Any applications received after the published application deadline may be considered by the Program Director on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the appropriate department by the published application deadline.

### Conditional Admission

Students that do not meet minimum requirements may be considered for conditional acceptance status on a space-available basis.

### Retention Policies

A student must maintain the following standards or he/she will be dismissed from his/her respective program.

1. A grade of "C" or better in a required courses.
2. Completion of specialty courses as specified by the degree checklist.
3. Evidence of malpractice insurance and physical examination prior to clinical training.
4. Be physically and mentally capable of performing the essential functions of the program as defined in each program's Core Performance Standards.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Health Sciences and the Dean of Students.

### Readmission Procedures

1. Students applying for readmission must meet all admissions criteria for the selected degree program.
2. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
3. One (1) readmission to the Surgical Technology program will be permitted
4. The applicant applying for readmission may be required to interview with the Program Director and other program faculty, if applicable, before the review date by the Surgical Technology Admissions Committee. Interview requirements are listed on the program webpage.
5. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty
6. *Readmission is contingent upon the availability of space.*
7. Students who are dismissed for reasons associated with academic misconduct or code of ethics violations will not be considered for readmission.

*Note: The Program Director will verify that all readmission documents including licensure/credentials are current and valid. Meeting Minimum Requirements Does Not Guarantee Acceptance. Preference will be given to Tennessee residents.*

Successful admission and completion of the Surgical Technology program does not guarantee state or national licensure or registration to practice as there may be additional state/national criteria required for attainment of various allied health licenses/certifications.

For additional information, review the Surgical Technology Web page.

The Roane State Community College Surgical Technology program is accredited by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Graduates from an accredited program will be eligible to take the certification examination administered by the National Board of Surgical Technology and Surgical Assisting.

Effective Fall 2019

<b>1st Term</b>			<b>Hours</b>
ENGL	1010	Composition I	3
ALHS	1300	Introduction to Health-Related Professions	3
BIOL	2010	Human Anatomy and Physiology I <sup>1,2</sup>	4
MATH	1530	Introductory Statistics	3
<b>TERM TOTAL</b>			<b>13</b>

## Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term
- Dec Complete Surgical Tech Application in Raidernet

**Additional course requirements that MAY be taken prior or concurrently with SURG courses**      **Hours**

BIOL	2020	Human Anatomy and Physiology II <sup>1,2</sup>	4
BIOL	2230	Microbiology <sup>2</sup>	4
COMM	2025	Fundamentals of Communication	3
HIMT	1300	Medical Terminology	3

**Courses to be taken upon official acceptance to the program:**

<b>1st Fall after SURG admission</b>			<b>Hours</b>
HIMT	1300	Medical Terminology <sup>3</sup> (If not taken previously)	3
SURG	1102	Orientation to Surgical Tech	1
SURG	1410	Surgical Tech and Patient Care I	4
SURG	2310	Surgical Microbiology and Asepsis	3
BIOL	2020	Human Anatomy and Physiology II (If not taken previously)	4
<b>TERM TOTAL</b>			<b>15</b>

## Action Items

- Oct Meet with Faculty Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for Spring and Summer terms

<b>1st Spring after admission</b>			<b>Hours</b>
SURG	2420	Surgical Tech and Patient Care II	4
SURG	1305	Surgical Pharmacology	3
SURG	2321	Surgical Procedures I	3
BIOL	2230	Microbiology (If not taken previously)	4
<b>TERM TOTAL</b>			<b>14</b>

## Action Items

- Mar Meet with Faculty Advisor
- April Register for Fall term

<b>2nd Fall after admission</b>			<b>Hours</b>
SURG	2330	Surgical Procedures II	3
SURG	2103	Clinical Practicum I	1
SURG	2201	Clinical Practicum II	2
COMM	2025	Fundamentals of Communication (If not taken previously)	3
<b>TERM TOTAL</b>			<b>9</b>

## Action Items

- Sept Complete Application for Graduation

	Oct	Meet with Faculty Advisor	
	Nov	Register for next term	
<b>2nd Spring after admission</b>			<b>Hours</b>
SURG	2302	Clinical Practicum III	3
PHIL	1040	Introduction to Ethics (Recommended) OR Humanities Elective (If not taken previously)	3
PSYC	1030	Introduction to Psychology (Recommended) OR PSYC 2130 Lifespan Development Psychology (If not taken previously)	3
		<b>TERM TOTAL</b>	<b>9</b>
Action Items			
	Feb	Take Exit Exam (ETS Proficiency Profile)	
	Mar	Begin job search using RaiderRecruit	
		<b>TOTAL HOURS</b>	<b>60</b>

<sup>1</sup> Course must be taken and completed with a grade of “C” or better before an applicant will be considered for admission to the program.

<sup>2</sup> Science courses more than 5 years old by the application deadline will not be considered.

<sup>3</sup> An open enrollment course available to any student interested in a healthcare profession. Can be taken prior to acceptance into the Surgical Technology program.

Program application deadline: March 31st for the following fall semester.

Students pursuing this option will be advised by the Surgical Technology Instructors.

This program is designed for students who plan to enter the workforce upon graduation. It is not designed for students who intend to transfer to a baccalaureate degree program.

<http://www.roanestate.edu/?9053-Surgical-Technology-Program>

# Vision Care Technology (VECT)

Effective Fall 2019 this program name is changing from Opticianry to Vision Care Technology.

The Vision Care Technology program is a two-year associate of applied science degree career preparation program. Graduates of this program will be eligible to sit for the Tennessee State Board Licensing Examination in Ophthalmic Dispensing and the national board certification examinations. The total educational program will include general studies, technical, and field work components.

Opticians are licensed professionals who design and fit glasses, contact lenses and other specialized optical devices, based on the doctor's prescription and the patient's visual needs. Fashion is also a factor in designing eyewear.

The Vision Care Technology program is nationally accredited by the Commission on Opticianry Accreditation.

Admission Policies for Allied Health Sciences A.A.S. Degrees

Admission to the program is required prior to enrolling in any VECT course. Courses must be taken in sequence. All professional VECT courses are taught at the main campus in Harriman.

## Effective Fall 2019

1st Fall			Hours
ENGL	1010	Composition I	3
VECT	1410	Introduction to Vision Care	4
VECT	1430	Anatomy and Physiology of the Eye	4
MATH	1010	Math for General Studies (Recommended) OR Mathematics Elective	3
<b>TERM TOTAL</b>			<b>14</b>

### Action Items

- Oct Meet with Success Coach or Advisor  
Complete FAFSA for upcoming fall term
- Nov Register for next term

1st Spring			Hours
VECT	1420	Ophthalmic Dispensing I	4
VECT	1440	Ophthalmic Materials I	4
VECT	1330	Geometric Optics for Opticians	3
VECT	1450	Contact Lenses I	4
<b>TERM TOTAL</b>			<b>15</b>

### Action Items

- Mar Meet with Success Coach or Advisor
- April Register for next term

1st Summer			Hours
COMM	2025	Fundamentals of Communication	3
ART	1035	Introduction to Art (Recommended) OR Humanities Elective	3
VECT	2140	Practicum	1
<b>TERM TOTAL</b>			<b>7</b>

2nd Fall			Hours
VECT	2410	Ophthalmic Dispensing II	4
VECT	2420	Ophthalmic Materials II	4
VECT	2430	Contact Lenses II	4
ALHS	2311	Management and Leadership for Allied Health Supervisors (Recommended) OR Business Elective <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>15</b>



## Action Items

Sept Complete Application for Graduation

Oct Meet with Faculty Advisor

Nov Register for next term

**2nd Spring****Hours**

VECT 2460 Ophthalmic Dispensing III

4

VECT 2470 Ophthalmic Materials III

4

VECT 2480 Contact Lenses III

4

PSYC 1030 Introduction to Psychology (Recommended) OR  
Social/Behavioral Science Elective

3

**TERM TOTAL****15**

## Action Items

Feb Take Exit Exam (ETS Proficiency Profile)

Mar Begin job search using RaiderRecruit

**TOTAL HOURS****66**

<sup>1</sup>Business elective may be chosen from the following: ACCT 1010, ALHS 2311, BUSN 1305, 1330 or 1380.

**Program Application Deadline:** May 15

This program is designed for students who plan to enter the workforce upon graduation. Students intending to transfer to a baccalaureate program are advised that they should check with their faculty advisor and the four-year institution regarding specific transfer of courses.

<http://www.roanestate.edu/?5951-Vision-Care-Technology>

# Technical Certificate Programs

Generally, no placement testing is required of the Technical Certificate programs except for some of the specialized Allied Health Science Certificates, or testing could be required for meeting course prerequisites. Financial Aid may not be available for all certificates. Contact the Financial Aid Office for more information. For students to receive a certificate at the end of the program, a 2.0 GPA must be maintained. Certificate programs do not qualify for academic honors. A certain number of credit hours in each program must be completed at Roane State in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

## Advanced Emergency Medical Technician (EMSH/AEMS)

The Advanced Emergency Medical Technician (AEMT) program is a one-semester certificate program. The lecture and lab consists of approximately 270 clock hours. The clinical/field internship is approximately 134 clock hours. The program has a Fall and Spring start.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare the students for National Registry exams and enable him/her to demonstrate competence as an entry level AEMT. Graduates of this program may work in emergency medical services (EMS), fire/rescue, hospital emergency departments, medical clinics, sports medicine, industrial medicine, or similar occupations. Students are eligible to apply for the Paramedic Certificate Program after they become credentialed as an AEMT.

The Advanced Emergency Medical Technician (AEMT) Technical Certificate program is offered on the Knox Center for Health Sciences and designated RSCC satellite campuses.

### Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Health Science application on RaiderNet and submit by the published application deadline.  
*Note: When completing the application, select "Advanced EMT"*
3. Complete a required program admission examination:
  - Complete the Accuplacer Exam. If test results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from Accuplacer testing. Accuplacer or Compass scores within the last three years are accepted. Test scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by the published application deadline. See the Testing Center webpage for registration directions, exemptions, and more.
  - OR
  - Student may have an ACT Score of 19 or above in Reading.\*
  - OR
  - Student may have a HESI score of 70% or above. \*
  - OR
  - Completion of ENGL 1010 (English Composition) with a grade of C or better.  
*\*Note: Scores are considered valid for 3 years or by approval of the program director*
4. Be currently licensed as an Emergency Medical Technician in the State of Tennessee or have successfully completed an EMT education program within 120 days of beginning the Advanced EMT education program and have successfully completed a Tennessee EMS Board approved EMT competency written and practical examination.\*
5. Complete all other entrance requirement detailed on the Advanced Emergency Medical Technician webpage.
6. Students must follow the admissions process in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services and the RSCC Emergency Medical Services (EMS) program. Applicants must report if their license in any health care field has been suspended, revoked, or denied.
7. Final selection of students will be made by the Allied Health Programs Admission Committee.

*Note: Students may not register for discipline-specific courses until they have been accepted to the program and their major has been changed by the Health Sciences Admissions Advisor.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

\*Tennessee Emergency Medical Services Board requirement.

### Program Application and Deadlines

Fall Admission: June 15, late applications may be considered on a space-available basis.

Spring Admission: October 31, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Advanced Emergency Medical Technician program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

### **Criminal Background Checks**

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

### **Health Guidelines**

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the program.

### **Retention**

1. Maintain current Tennessee licensure as EMT and maintain current CPR certification at the level of American Heart Association-Health Care Provider level.
2. Maintain 80% in didactic, lab and clinical areas.
3. A grade of C or better is required in all EMS coursework.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Health Sciences and the office of the Dean of Students.

### **Readmission Procedures**

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the Allied Health Science Programs Admission Committee.
3. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
4. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
5. Readmission to a Health Sciences program is contingent upon the availability of space.
6. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
7. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
8. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) requires a grade of 70 or greater.

*Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC EMS program. An Admissions Committee considers all eligible applicants and recommends applicants to the Allied Health Programs Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.*

<b>Fall Start</b>			<b>Hours</b>
EMSA	1501	Advanced EMT Medical Emergencies	5
EMSA	1502	Advanced EMT Trauma and Medical Emergencies	5
EMSA	1201	Advanced EMT Medical Skills Lab	2
EMSA	1202	Advanced EMT Trauma and Medical Skills Lab	2
EMSA	1111	Advanced EMT Clinical	1
EMSA	1112	Advanced EMT Field Internship	1
<b>TOTAL CERTIFICATE HOURS</b>			<b>16</b>

## Action Items

- Sept Complete Application for Graduation
- Dec Complete Ceremony Participation Form

<b>Spring Start</b>			<b>Hours</b>
EMSA	1501	Advanced EMT Medical Emergencies	5
EMSA	1502	Advanced EMT Trauma and Medical Emergencies	5
EMSA	1201	Advanced EMT Medical Skills Lab	2
EMSA	1202	Advanced EMT Trauma and Medical Skills Lab	2
EMSA	1111	Advanced EMT Clinical	1
EMSA	1112	Advanced EMT Field Internship	1
<b>TOTAL CERTIFICATE HOURS</b>			<b>16</b>

## Action Items

- Mar Complete Application for Graduation
- Complete Ceremony Participation Form

Students wishing to pursue an A.A.S. in Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

<http://www.roanestate.edu/?9621-Advanced-Emergency-Medical-Technician-AEMT>

# Advanced Pharmacy Technology (PHRH/APHR)

The Roane State Advanced Pharmacy Technology Certificate Program is a two-semester program preparing students to enter the pharmacy field as trained technicians. It is intended to provide comprehensive, quality training to students so they will be able to function in community and organized health care pharmacy settings. Upon completion of the certificate program students will be ready to obtain national certification by taking the Pharmacy Technician Certification Board (PTCB) examination.

All Pharmacy Technology courses are taught at the Oak Ridge Campus. Enrollment is limited.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Advanced Pharmacy Technology. If 'Advanced Pharmacy Technology' is not selected as a Planned Course of Study you will not be considered for the program.*
3. Possess English language proficiency (including reading, writing and speaking).
4. Possess math proficiency sufficient to fulfill the requirements of pharmacy technician job responsibilities.
5. Possess a GPA of 2.0 or better after completion of 9 semester hours of courses.
6. Certification as a Basic Life Support Healthcare Provider is encouraged prior to admission and is required prior to clinical rotations.

The tools used to evaluate English language proficiency (including reading, writing, and speaking) and math proficiency include but are not limited to: Providing ACT, SAT, Compass, Accuplacer or other approved standardized exams, with test scores that are less than 3 years old *OR* providing college transcripts that document the applicant has previously taken and successfully completed developmental learning support or college level courses in those areas.

*Note: Students meeting minimum requirements are not guaranteed acceptance. Preference will be given to Tennessee residents.*

## Program Application Deadline

March 31. Applications will be accepted until the program is filled.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in Health Science and Nursing programs. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the requirements of a Health Science or Nursing program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude registration with the state board of pharmacy or employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Advanced Pharmacy Technology Program.

## Retention

A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must reapply to a subsequent class.
3. Prior to clinical training, evidence of malpractice insurance and a physical examination must be provided.
4. Students may have to register with the Tennessee Board of Pharmacy before attending clinicals.
5. Students admitted to the program whose use of alcohol or consciousness-altering drugs interferes with their performance will be referred for a drug screen and counseling. Failure to correct the problem will result in dismissal from the program.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In

cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Students.

### Readmission Procedures

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within one year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

<b>1st Fall</b>			<b>Hours</b>
PHRX	2010	Pharmacology and Therapeutics	4
PHRX	1030	Pharmacy Calculations	4
PHRX	1050	Pharmacy Law and Ethics	3
PHRX	1010	Intro to Pharmacy Practice	3
<b>TERM TOTAL</b>			<b>14</b>

#### Action Items

- Sept Complete Application for Graduation
- Nov Register for next term  
Complete clinical requirements in “My Record Tracker” (Background check, drug test, vaccines, physical, etc.)

<b>1st Spring</b>			<b>Hours</b>
PHRX	2110	Pharmacy Technology Seminar	2
PHRX	1020	Pharmacy Practice 2	3
PHRX	2030	Sterile Products	3
PHRX	2100	Clinical Pharmacy Experience	4
<b>TERM TOTAL</b>			<b>12</b>

#### Action Items

- Mar Turn in Graduation Participation Form
- April Return all evaluations from clinical sites to the program director  
Begin job search using RaiderRecruit

**TOTAL CERTIFICATE HOURS** **26**

Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Pharmacy Technology should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

# Chemical Engineering Technology (CETC)

The Chemical Engineering Technology certificate program results in a limited-use certificate meeting the needs of a few, but not most, chemical process employers. The certificate program provides a sampling of some of the topics that a process operator/technician would be expected to understand, and indicates that the student has made significant progress toward meeting the program requirements of the Chemical Engineering Technology AAS degree. However, it does not provide skills and knowledge at the same level as in the AAS degree program, and students will not have the same level of understanding of applicable topics. Employers who require students to have attained the Certificate usually also require continued active progress toward the remaining AAS program requirement.

## Effective Fall 2019

<b>1st Fall</b>			<b>Hours</b>
CHEM	1010	Introductory Chemistry I <sup>1</sup>	4
MATH	1130	College Algebra <sup>1</sup>	3
ENST	1362	Industrial Equipment	3
MECH	1310	Electrical Components	3
<b>Term Total</b>			<b>13</b>

### Action Items

Oct	Meet with Faculty Advisor
Nov	Register for next term

### 1st Spring

MECH	1320	Mechanical Components and Electrical Drives	3
CHET	1300	Process Equipment	3
CHET	1410	Process Operations I	4
CHET	1320	Process Control and Instrumentation I	3
<b>Term Total</b>			<b>13</b>

### Action Items

Feb	Meet with Faculty Advisor Complete Application for Graduation
Apr	Begin job search using RaiderRecruit

**TOTAL HOURS** **26**

<sup>1</sup>MATH 1000 or appropriate placement scores is a prerequisite. Students may need to take MATH 1000 in summer before 1<sup>st</sup> Fall

Students pursuing this program are advised by the Mathematics and Sciences Division.

<http://www.roanestate.edu/?11812-Chemical-Engineering-Technology-Certificate>

# Computer Information Technology (CIT)

The Computer Information Technology certificate program encompasses applications in databases, networking, JAVA programming, webpage design, and Visual Basic programming. The certificate is designed to add value to existing computer professionals and allow for career mobility.

<b>1st Fall</b>			<b>Hours</b>
CITC	1300	Beginning HTML and CSS	3
CITC	1310	Programming I	3
CITC	1321	A+ Hardware (Recommended) or Elective <sup>1</sup>	3
CITC	1302	Introduction to Networking	3
<b>TERM TOTAL</b>			<b>12</b>

#### Action Items

Sept	Complete Application for Graduation
Nov	Register for next term

<b>1st Spring</b>			<b>Hours</b>
CITC	1312	Introduction to .Net Programming	3
CITC	1303	Database Concepts	3
CITC	1311	Programming II (Recommended) or Electives <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>9</b>

#### Action Items

Mar	Turn in Graduation Participation Form
April	Begin job search using RaiderRecruit

**TOTAL CERTIFICATE HOURS**                      **21**

#### <sup>1</sup>List of Course Electives (choose two courses):

CITC	1321	A+ Hardware
CITC	1301	Intro to Programming and Logic
CITC	1318	Data Structures
CITC	2326	Network Security
CITC	1311	Programming II
CITC	2344	Database SQL Programming
CITC	1333	Linux LPIC-1

Students pursuing this certificate will be advised by the Mathematics and Sciences Division.

<http://www.roanestate.edu/?6836-Computer-Science-Certificate>



# Early Childhood Education (ECHC)

The Early Childhood Technical Certificate is designed to prepare professionals in the field of early childhood education. Students in this program will gain knowledge in areas such as child development, family and community involvement, and curriculum development. Graduates will be prepared to work in various early childhood settings and conduct themselves as members of the early childhood profession

<b>1st Fall</b>		<b>Hours</b>
ECED	1310 Intro to Early Childhood Education	3
ECED	2340 Family Dynamics and Community Involvement	3
ECED	2310 Safe, Healthy Learning Environments	3
ECED	2315 Early Childhood Curriculum	3
<b>TERM TOTAL</b>		<b>12</b>
Action Items		
Oct	Meet with Success Coach or Advisor	
Nov	Apply for CDA license** (see note below) Register for next term	
<b>1st Spring</b>		<b>Hours</b>
ECED	2380 Language and Literacy in Early Childhood	3
ECED	2385 Math and Science in Early Childhood	3
ECED	2335 Initial Practicum	3
ECED	Elective <sup>1</sup>	3
<b>TERM TOTAL</b>		<b>12</b>
Action Items		
Jan	Complete Application for Graduation	
Mar	Begin job search using RaiderRecruit	
<b>TOTAL CERTIFICATE HOURS</b>		<b>24</b>

## **<sup>1</sup>List of Course Electives (choose one course):**

ECED	2390 Creative Development (Sp, Alternating Years)	3
ECED	2312 Administration of Child Care Centers (Sp, Alternating Years)	3
ECED	2360 Development of Exceptional Children (F, Alternating Years)	3
ECED	2300 The Mentoring Teacher (F, Alternating Years)	3
ECED	2320 Infant, Toddler Child Development (Sp, Alternating Years)	3
ECED	2370 Developmental Assessment (Sp, Alternating Years)	3
ECED	2375 Socio-Emotional Development	3

F: Class is typically offered during the Fall Semester

Sp: Class is typically offered during the Spring Semester

\*\*CDA License: The CDA (Child Development Associate) license is not a Roane State credential. Talk to the ECED program Director for additional information regarding licensure and visit: [www.cdacouncil.org](http://www.cdacouncil.org)

Students pursuing this certificate will be advised by the Social Science, Business and Education Division.

<http://www.roanestate.edu/?8794-Early-Childhood-Technical-Certificate>

# Emergency Medical Technician (HEMT/AEMT)

The Emergency Medical Technician (EMT) program is a one-semester certificate program. The lecture and lab consists of approximately 240 clock hours. The clinical/field internship is approximately 134 clock hours. The program has a Fall and Spring start.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare the graduates for National Registry exams and enable him/her to demonstrate competence as an entry level EMT. Graduates of this program may work in fire/rescue, industrial positions, and are eligible to apply for the Advanced EMT certificate program after they become credentialed as an EMT.

The Emergency Medical Technician (EMT) Technical Certificate program is offered on the Knox Center for Health Sciences and designated RSCC satellite campuses.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Health Science application on RaiderNet and submit by the published application deadline.
3. Complete a required program admission examination:
  - Complete the Accuplacer Exam. If test results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from Accuplacer testing. Accuplacer or Compass scores within the last three years are accepted. Test scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by the published application deadline. See the Testing Center webpage for registration directions, exemptions, and more.
  - OR
  - Student may have an ACT Score of 19 or above in Reading.\*
  - OR
  - Student may have a HESI score of 70% or above. \*
  - OR
  - Completion of ENGL 1010 (English Composition) with a grade of C or better.

*\*Note: Scores are considered valid for 3 years or by approval of the program director.*
4. Students must follow the admissions process in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services and the RSCC Emergency Medical Services program. Applicants must report if their license in any health care field has been suspended, revoked, or denied.
5. Final selection of students will be made by the Allied Health Programs Admission Committee.

*Note: Students may not register for discipline-specific courses until they are accepted to the program and their major has been changed by the Health Sciences Admissions advisor.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

*\*Tennessee Emergency Medical Services Board requirement.*

## Program Application and Deadlines

Fall Admission: June 15, late applications may be considered on a space-available basis.

Spring Admission: October 31, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Emergency Medical Technician program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional

fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the program.

**Retention**

1. Maintain current CPR certification at the level of American Heart Association-Health Care Provider level.
2. Maintain 80% in didactic, lab and clinical areas.
3. A grade of C is or better is required in all EMS coursework.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Health Sciences and the office of the Dean of Students.

**Readmission Procedures**

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the Allied Health Science Programs Admission Committee.
3. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
4. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
5. Readmission to a Health Sciences program is contingent upon the availability of space.
6. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
7. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
8. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) requires a grade of 70 or greater.

*Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC EMS program. An Admissions Committee considers all eligible applicants and recommends applicants to the Allied Health Science Programs Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.*

<b>Fall Start</b>	<b>Hours</b>
EMSB 1601 EMT Medical Emergencies and EMS Operations	6
EMSB 1602 EMT Trauma and Medical Emergencies	6
EMSB 1101 EMT Medical Skills Lab	1
EMSB 1102 EMT Trauma and Medical Skills Lab	1
EMSB 1111 EMT Clinical	1
EMSB 1112 EMT Field Internship	1
<b>TOTAL CERTIFICATE HOURS</b>	<b>16</b>

Action Items

- Sept Complete Application for Graduation
- Oct Apply for Advanced EMT by Oct 31
- Dec Turn in Ceremony Participation Form

<b>Spring Start</b>	<b>Hours</b>
EMSB 1601 EMT Medical Emergencies and EMS Operations	6
EMSB 1602 EMT Trauma and Medical Emergencies	6
EMSB 1101 EMT Medical Skills Lab	1

EMSB	1102	EMT Trauma and Medical Skills Lab	1
EMSB	1111	EMT Clinical	1
EMSB	1112	EMT Field Internship	1
<b>TOTAL CERTIFICATE HOURS</b>			<b>16</b>

## Action Items

- Mar Complete Application for Graduation  
Turn in Ceremony Participation Form
- Apr Apply for Advanced EMT by June 15

Students wishing to pursue an A.A.S. in Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your faculty advisor for the requirement of your program.

<http://www.roanestate.edu/?7357-Emergency-Medical-Technician-EMT>

# Geographic Information Systems (GIS)

This program offers the knowledge and ability to use modern analysis tools to display information relative to features on the ground, below ground or above ground. Small, economical computer systems now have the speed and software to empower a trained user to manage, present and analyze geographic information.

<b>1st Fall</b>			<b>Hours</b>
GIS	101	Introduction to GIS	4
GIS	105	Computer Cartography	3
GIS	210	GPS and Imagery	3
<b>TERM TOTAL</b>			<b>10</b>

#### Action Items

Sept	Complete Application for Graduation Meet with Faculty Advisor to obtain and install ArcGIS software Check out GPS unit (if needed)
Nov	Register for next term
Dec	Return GPS unit (if needed)

<b>1st Spring</b>			<b>Hours</b>
GIS	110	GIS Database Technology	3
GIS	220	GIS Demographics	3
GIS	230	GIS Project Management	3
<b>TERM TOTAL</b>			<b>9</b>

#### Action Items

Feb	Meet with Faculty Advisor to begin job search
Mar	Turn in Graduation Participation Form
April	Begin job search using RaiderRecruit

<b>1st Summer</b>			<b>Hours</b>
GIS	290	GIS Directed Research	4
<b>TERM TOTAL</b>			<b>4</b>

#### Action Items

Jul	Contact Faculty Advisor regarding job search
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**TOTAL CERTIFICATE HOURS** **23**

Students pursuing this option will be advised by the Social Science, Business & Education Division.

<http://www.roanestate.edu/?6684-Geographic-Information-System-GIS-Program>

# Healthcare Documentation Specialist (HDSH/AHDS)

*This program is being terminated and is no longer accepting new students. Students currently enrolled in the program must complete by the end of Summer term 2020.*

The Healthcare Documentation Specialist Program is a three-semester certificate program. Classes may also be scheduled to provide opportunity to complete the program in 9 months if certain conditions are met and with the permission of the Program Director. Graduates of this program are prepared to transcribe and edit speech-generated medical reports dictated by physicians. They may also learn to perform the duties of a medical scribe. Medical transcriptionists, speech recognition editors, and medical scribes may work in hospitals, clinics, doctor's offices, and transcription services. Graduates are eligible to take the AHDI (Association for Healthcare Documentation Integrity) RHDS certification examination. The program is approved by the ACCP (Approval Committee for Certificate Programs). The ACCP Committee operates under the authority of the AHDI National Leadership Board.

Traditional classes are taught at the Oak Ridge Branch Campus. All courses are also available online. Enrollment is limited.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Healthcare Documentation Specialist. If this program is not selected as a Planned Course of Study you will not be considered for the Healthcare Documentation Specialist Program.*
3. Complete a required program admission examination:
  - A. Healthcare Documentation Specialist Preadmission Test.\* This test assesses applicant skills in three (3) areas: Basic computer skills; basic transcription (assesses grammar, spelling, and punctuation; does not require knowledge of medical terminology); and keyboarding. A minimum composite score of 75 is required along with a minimum typing speed of 45 WPM.  
AND
  - B. Complete the Accuplacer (Placement Test).\* If Accuplacer results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from Accuplacer testing. Accuplacer scores within the last three years are accepted. Test scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the Accuplacer webpage for registration directions, exemptions, and more.  
OR
    - Student scores a minimum of 90 on the grammar, spelling, and punctuation parts of the Healthcare Documentation Specialist Preadmission test.  
OR
    - Students have an ACT score of 19 or above in Reading and 18 or above in English.\*  
OR
    - Student has a HESI score of 70% or above.\*  
OR
    - Completion of ENGL 1010 (Composition I) with a C or better.  
*Note: Scores are considered valid for 3 years or by program director approval.*
4. Complete all other entrance requirements detailed on the Healthcare Documentation Specialist webpage.
5. Final selection of students will be made by the AHS Admissions Committee.

*Note: Students may not register for discipline-specific courses until their major has been changed by the Allied Health Sciences/Nursing Admissions Advisor.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

## Program Application and Deadline

June 15. Late applicants may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Healthcare Documentation Specialist program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Medical Transcription Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Medical Transcription Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

**Health Guidelines**

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Medical Transcription Program.

**Retention**

Students’ grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of “C” or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must re-apply to a subsequent class.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

**Readmission Procedures**

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above.  
The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.
10. Healthcare Documentation Specialist I (HCDS 1504) must be repeated before students are allowed to enroll in Healthcare Documentation Specialist II and/or the Clinical Practicum (HCDS 1312).

<b>1st Fall</b>	<b>Hours</b>
HCDS 1302 Medical Terminology I	3
HCDS 1303 Anatomy Concepts in Healthcare Documentation	3
HCDS 1504 Healthcare Documentation Specialist I	5
HCDS 1305 Healthcare Documentation Specialist Procedures	3
HCDS 1210 Technology Concepts in Healthcare Documentation I	2
<b>TERM TOTAL</b>	<b>16</b>

Action Items

Sept Complete Application for Graduation

Nov Register for Spring and Summer terms

<b>1st Spring</b>			<b>Hours</b>
HCDS	1511	Healthcare Documentation Specialist II	5
HCDS	1218	Technology Concepts in Healthcare Documentation II	2
HCDS	1320	Medical Terminology II	3
HCDS	1325	Pharmacology Concepts in Healthcare Documentation	3
<b>TERM TOTAL</b>			<b>13</b>

Action Items

Mar Turn in Graduation Participation Form

April Begin job search using RaiderRecruit

<b>1st Summer</b>			<b>Hours</b>
HCDS	1312	Clinical Education	3
<b>TERM TOTAL</b>			<b>3</b>
<b>TOTAL CERTIFICATE HOURS</b>			<b>32</b>

HCDS 1350 Special Topics in Healthcare Documentation<sup>1</sup> (Optional) 2-5

<sup>1</sup>HCDS 1350 is optional unless the total number of minutes transcribed is less than 2100 upon completion.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Medical Transcription should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.



# Massage Therapy (MSSG/MSSA)

Massage therapy is an 11-month certificate program to prepare students for entry level careers in the growing field of massage, bodywork, and somatic therapies. Graduates will be eligible to sit for the Massage and Bodywork Licensing Exam (MBLEx) and, upon successful passage of the exam, be eligible for a Tennessee Massage Therapy License.

The focus of this program will be Swedish Massage and Neuromuscular Therapy with an overview of the many other modalities practiced by Licensed Massage Therapists. More than 100 different approaches to therapeutic manipulation of muscles, tendons, ligaments, fascia, and circulatory structures are available in the market. Most require advanced training beyond the scope of this certificate program.

Massage therapists practice in a wide variety of settings: health clubs and wellness centers; chiropractic and physical therapy offices; hotels, resorts and cruise lines; health food stores and sports outfitters; pain management and sports injury clinics; psychological and psychiatric clinics; and private homes and offices. Some work under the supervision of other licensed health care providers. Some are in business for themselves as private contractors. Many work part-time. Many work exclusively from their home offices.

All Massage Therapy courses are taught at the Oak Ridge Branch Campus. Enrollment is limited.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Massage Therapy'. If 'Massage Therapy' is not selected as a Planned Course of Study you will not be considered for the Massage Therapy Program.*
3. Complete the required program admission examination. Complete the COMPASS or Accuplacer assessment. If COMPASS or Accuplacer results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. *Note: Some applicants may be exempt from COMPASS/Accuplacer testing. COMPASS/Accuplacer scores within the last three years are accepted. COMPASS/Accuplacer transcripts from other colleges must be turned into the RSCC Admission and Records Office by published application deadline. See the COMPASS/Accuplacer webpage for registration directions, exemptions, and more.*
4. Or
  1. Student may have an ACT score of 19 or above in Reading. Or
  2. Student may have a HESI score of 70% or above. Or
  3. ENGL 1010 (Composition I) with a grade of C or better  
*Note: Scores are considered valid for 3 years or program director approval*
5. Qualified applicants will be interviewed prior to acceptance.
6. Final selection of students will be made by the AHS Admissions Committee.
7. Students will be notified electronically via RaiderNet email of acceptance to the Massage Therapy program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.
8. The Allied Health Science/Nursing Admissions Advisor will change the major of all accepted students to accurately reflect their program of study. Students may not register for discipline-specific courses until their major has been changed.

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

## Program Application Deadline

June 15. Late applicants may be considered on a space-available basis.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Massage Therapy Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Massage Therapy Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation

Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Massage Therapy Program.

### Retention

Students' grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must re-apply to a subsequent class.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

### Readmission Procedures

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above.  
The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission will be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
9. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

<b>1st Fall</b>	<b>Hours</b>
MASS 1401 Fundamentals of Muscle Anatomy	4
MASS 1301 TN Massage Law & Practice Ethics	3
MASS 1302 Swedish Massage	3
MASS 1303 Massage for Special Populations	3
<b>TERM TOTAL</b>	<b>13</b>

#### Action Items

- Oct Complete Application for Graduation  
Nov Register for next term

<b>1st Spring</b>	<b>Hours</b>
MASS 1601 Principles of Physiology and Pathology	6
MASS 1201 Massage Business, Professionalism, and Communication	2
MASS 1101 Student Massage Clinic	1
MASS 1402 Medical Massage Therapies	4
<b>TERM TOTAL</b>	<b>13</b>

#### Action Items

Mar	Complete Ceremony Participation Form	
<b>1st Summer</b>		<b>Hours</b>
MASS 1102	Clinical Fieldwork	1
MASS 1304	Overview of Somatic Therapies	3
	<b>TERM TOTAL</b>	<b>4</b>
Action	Items	
June	Begin job search using RaiderRecruit	
	<b>TOTAL CERTIFICATE HOURS</b>	<b>30</b>

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Massage Therapy should contact their advisor.

A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?5983-Massage-Therapy>

# Mechatronics (MECA)

Technology has advanced the manufacturing process to a point where skilled workers are in high demand to both operate and maintain the wide range of machinery used in parts production today. Our courses will train you in mechanics, automation, robotics, electronics, computer programming, hydraulics, pneumatics, and many other skills you will need to have a successful career in this field. You will learn to operate, test, fine-tune, service and repair equipment that is critically important to any manufacturing company.

The program is aligned with the Siemens Mechatronics Systems Certification Program. Students seeking the Career Certificate can earn their Siemens Level 1 Certification. The two required technical electives could earn additional certifications in robotics (FANUC), Solidworks (CAD), Injection Molding (Petersen), and/or in Industrial Safety (OSHA 30-hour).

This program is offered in a cohort format with classes during the day and evening. Review the Mechatronics webpage for additional information and course scheduling options.

## EFFECTIVE FALL 2019

### 1st Fall

MECH	1310	Electrical Components	3
MECH	1320	Mechanical Components and Electric Motors	3
MECH	1330	Pneumatic and Hydraulic Control Circuits	3
MECH	1340	Digital Fundamentals and Programmable Logic Controllers	3
<b>TERM TOTAL</b>			<b>12</b>

### Action Items

Oct	Meet with Faculty Advisor
Nov	Register for next term

### 1st Spring

MECH	2320	Motor Controls	3
MECH	2480	Automation Systems <i>OR</i>	4
MECH	2441	Introduction to Totally Integrated Automation	
MECH	1350	Industrial Robots (Recommended) OR Technical Electives <sup>1</sup>	3
ENST	1320	Solidworks I (Recommended) OR Technical Electives <sup>1</sup>	3
<b>TERM TOTAL</b>			<b>13</b>

### Action Items

Jan	Meet with Faculty Advisor Complete Application for Graduation
Apr	Begin job search using RaiderRecruit
May	Register for Siemens Level 1 Mechatronics Assistant Certification Exam

**TOTAL CERTIFICATE HOURS 25**

### <sup>1</sup>Technical Electives - Selected from:

ENST	1320	Solidworks I (CAD for Mechatronics)
ENST	1350	Industrial Safety
MECH	1342	Programming in LabVIEW
MECH	1350	Industrial Robotics
MECH	1351	Autonomous Robots
MECH	1380	Computer Integrated Manufacturing
MECH	1381	Introduction to Injection Molding
MECH	1382	Injection Molding: Part Problems & Solutions
MECH	1390	Innovative Production & Problem Solving
MECH	1600	Programming with LabView (3 cr.)
MECH	1950	Internship in Mechatronics (1-6 cr.)

Students pursuing this area of study will be advised by the Mathematics and Sciences Division, 865-354-3000 x 4533.

<http://www.roanestate.edu/?8368-Mechatronics-Certificate>

# Medical Coding (MCOD/MEDC)

The Medical Coding Technical Certificate program is a full-time nine month certificate program designed to prepare students to perform medical diagnosis and procedure coding in an outpatient or ambulatory health care setting. The courses completed in the Medical Coding certificate program correspond to the first year course for the Health Information Management (HIM) degree program. Medical Coding students may elect to continue into HIM degree program after successful completion of the certificate courses on a space-available basis. All admission requirements for the HIM degree program must also be met for acceptance into the HIM program after completion of the Medical Coding Certificate.

Starting Fall 2019, the Medical Coding Certificate will be offered via distance education utilizing the internet and computer technology. Zoom technology will be used in the Coding Classes to enhance student learning. Medical Terminology may be offered on campus in addition to the distance education offering. Enrollment is limited.

Courses not previously completed prior to admission to the Medical Coding certificate program, must be completed as specified in the catalog.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student. Click here to access the college application.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Medical Coding' Coding'. If 'Medical Coding is not selected as a Planned Course of Study you will not be considered for the Medical Coding Program.*
3. Any required Learning Support requirements must be completed before a student can enroll in BIOL 2010 -Anatomy and Physiology I. Placement testing via ACT or Accuplacer may be required. Visit the Testing Center webpage to schedule, if necessary.
4. If necessary, the following factors are utilized in ranking and accepting applicants:
  - A. Completion of HIMT 1300 Medical Terminology
  - B. Completion of BIOL 2010 and BIOL 2020.
5. Only HIMT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.
6. Complete all other entrance requirements detailed on the Medical Coding webpage.
7. Final selection of students will be made by the AHS Admissions Committee.

*Note: Students may not register for discipline-specific courses until their major has been changed by the Allied Health Sciences/Nursing Admissions Advisor.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

## Program Application and Deadline

June 15. Late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Medical Coding program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Medical Coding Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Medical Coding Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Medical Coding Program.

**Retention**

A student must maintain the following standards or he/she will be dismissed from the program.

1. A grade of “C” or better is required in each HIMT course and required science course.
2. Completion of specialty courses as outlined by the degree checklist. Exceptions to this must be approved by the program director.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

**Readmission Procedures**

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at anytime during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.

**1st Fall**

BIOL	2010	Anatomy & Physiology I <sup>1</sup>	4
HIMT	1301	Intro to Health Information Management <sup>2</sup>	3
HIMT	1300	Medical Terminology <sup>2</sup>	3
HIMT	1303	Basic ICD Coding I	3
<b>Fall Semester Total</b>			<b>13</b>

Action Items

- Sept Meet with Faculty Advisor
- Oct Complete Application for Graduation
- Nov Register for next term

**1st Spring**

BIOL	2020	Anatomy & Physiology II <sup>1</sup>	4
HIMT	2302	Basic ICD Coding II	3
HIMT	2301	CPT Coding	3
HIMT	1201	Medical Office Procedures	2
<b>Spring Semester Total</b>			<b>12</b>

Action Items

- Mar Complete Ceremony Participation Form
- Apr Register for CCA test (optional - see advisor for information)
- May Begin job search using RaiderRecruit

**TOTAL SEMESTER HOURS 25**

<sup>1</sup> Recommended to be completed prior to acceptance and must be completed with a grade of C or better.

<sup>2</sup> An open course that may be taken by any student & is recommended to be completed prior to acceptance.

Students pursuing this certificate will be advised by the Health Sciences Division. Students wishing to pursue an A.A.S. Health Sciences with an

emphasis in Medical Coding should contact their advisor.

Any Learning Support course requirements must be completed before taking BIOL 2010.

A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program. Only HIMT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.

<http://www.roanestate.edu/?6028-Medical-Coding>



# Paramedic (PARH/PARA)

The Paramedic program is a three-semester certificate program. The lecture and lab consists of approximately 600 hours. The clinical/field internship is approximately 540 hours.

The program consists of four components of instruction: lecture, skills laboratory, clinical education and field internship. The successful completion of these components will prepare graduates for National Registry exams and enable him/her to demonstrate competence as an entry level paramedic. Graduates of this program may work in emergency medical services (EMS), fire/rescue, hospital emergency departments, medical clinics, sports medicine, industrial medicine, or similar occupations.

All Paramedic courses are taught at the Knox Center for Health Sciences. Enrollment is limited.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student. Click here for the application.
2. Complete the electronic Health Science application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Paramedic'. If 'Paramedic' is not selected as a Planned Course of Study you will not be considered for the Paramedic Program.*
3. Complete the required program admission examinations:
  - A. State Approved Paramedic Entrance Exam.\* A minimum composite score of 75 is required.  
AND
  - B. Complete the Accuplacer Exam. If test results indicate a reading deficiency, all Learning Support requirements for reading comprehension must be successfully completed before applicant will be considered for admission to the program. Note: Some applicants may be exempt from Accuplacer testing. Accuplacer or Compass scores within the last three years are accepted. Test scores and any transcripts from other colleges must be turned into the RSCC Admission and Records Office by the published application deadline. See the Testing Center webpage for registration directions, exemptions, and more.
    - OR
      - Students may have an ACT Score of 19 or above in reading.\*  
OR
      - Student may have a HESI score of 70% or above. \*  
OR
      - ENGL 1010 (English Composition) with a grade of C or better.  
*\*Note: Test Scores are considered valid for 3 years or by approval of the program director.*
4. Be currently licensed as an AEMT in the state of Tennessee.
5. Complete all other entrance requirements detailed on the Paramedic webpage.
6. Qualified applicants will complete an interview to be considered for admission to the program.
7. Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Office of Emergency Medical Services and the RSCC Emergency Medical Services program. A Paramedic Admissions Committee considers all eligible applicants and recommends applicants to the Health Science Admission Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.

*Note: Students may not register for discipline-specific courses until their major has been changed by the Health Science Admissions Advisor.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

\*Tennessee Emergency Medical Services Board requirement.

## Program Application and Deadlines

June 15, late applications may be considered on a space-available basis.

Students will be notified electronically via RaiderNet email of acceptance to the Paramedic program. Students must acknowledge their acceptance via reply email by the designated response date stated in the acceptance email.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Paramedic program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Paramedic program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students

will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Paramedic program.

### Retention

1. Maintain current Tennessee licensure as EMT and maintain current CPR certification at the level of American Heart Association-Health Care Provider level.
2. Maintain 80% in didactic, lab and clinical areas.
3. Advanced placement and/or experiential learning are not applicable to replace any program didactic, laboratory, clinical or field requirements.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Health Sciences and the office of the Dean of Student Services.

### Readmission Procedures

A student must request readmission after a grade of "D" or "F" is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the Allied Health Science Programs Admission Committee.
3. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
4. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The Health Sciences Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
5. Readmission to a program in Health Sciences is contingent upon the availability of space.
6. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
7. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
8. A student may be readmitted to the program within two years from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

*Note: Students must follow the admissions process regarding interviews and testing in compliance with EMS rules and regulations as set forth by the Tennessee Department of Health, Division of Emergency Medical Services and the RSCC Paramedic program. A Paramedic Admissions Committee considers all eligible applicants and recommends applicants to the Health Science Program Admissions Committee. Applicants must report if their license in any health care field has been suspended, revoked, or denied.*

### 1st Fall

EMSP	1801	Fund. of Paramedic I	8
EMSP	1401	Paramedic Skills Lab I	4
EMSP	1311	Paramedic Clinical I	3
		<b>TERM TOTAL</b>	<b>15</b>

### Action Items

Jun	Apply to program by June 15
Nov	Register for next term

### 1st Spring

EMSP	2802	Fund. of Paramedic II	8
EMSP	2402	Paramedic Skills Lab II	4
EMSP	2412	Paramedic Clinical II	4

	<b>TERM TOTAL</b>	<b>16</b>
Action Items		
Feb	Complete Application for Graduation	
Mar	Complete Ceremony Participation Form	
<b>1st Summer</b>		
EMSP 2403	Paramedic Capstone	4
EMSP 2303	Paramedic Practicum	3
EMSP 2513	Paramedic Field Internship	5
	<b>TERM TOTAL</b>	<b>12</b>
	<b>TOTAL CERTIFICATE HOURS</b>	<b>43</b>

Students wishing to pursue an A.A.S. in Allied Health Sciences with an emphasis in Emergency Medical Services should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?7539-Paramedic>

# Polysomnography (POLY/POLA)

Polysomnographic technology is an allied health specialty for the diagnosis and treatment of sleep disorders. There are over 80 different sleep disorders including sleep apnea, narcolepsy and insomnia.

Students will learn how to operate sophisticated electronic monitoring devices which record brain activity (EEG), muscle and eye movements, blood oxygen levels and physiological events. Polysomnography technologists are employed in sleep disorders centers in hospitals, clinics and office settings. This program will provide lectures, laboratory and clinical experiences at quality sleep centers. A major emphasis of the program will be to prepare technologists for board registration by the Association of Polysomnographic Technologists.

It is highly recommended that interested applicants tour a sleep center and observe a polysomnogram (sleep study) prior to beginning the program.

All Polysomnography courses are taught at the Knox Campus Center for Health Sciences Campus. Enrollment is limited.

## Admission Requirements

1. Complete the Roane State Community College (RSCC) admissions process to become an admitted student.
2. Complete the electronic Allied Health Science (AHS) application on RaiderNet and submit by the published application deadline.  
*Note: When choosing the Planned Course of Study, select 'Polysomnography'. If 'Polysomnography' is not selected as a Planned Course of Study you will not be considered for the Polysomnography Program.*
3. Complete the required program admission examination. See the TEAS V for AH webpage for registration directions, exemptions, and more.
4. Complete all other entrance requirements detailed on the Polysomnography webpage.
5. Qualified applicants will be interviewed prior to acceptance.

*Note: Students may not register for discipline-specific courses until their major has been changed.*

*Note: Meeting minimum requirements does not guarantee acceptance. Preference will be given to Tennessee Residents.*

## Program Application Deadline

June 15. Late applicants may be considered on a space-available basis.

## Criminal Background Checks

Criminal background checks and drug screening may be a requirement at affiliated clinical sites utilized for training in the Polysomnography Program. Based on the results of these checks, an affiliated clinical site may determine to not allow your presence at their facility. This would result in your inability to successfully complete the Polysomnography Program. Students will be responsible for the costs of the background check. Additionally, a criminal background may preclude licensure or employment. More information is available from your program director.

## Health Guidelines

Students will be required to meet all health guidelines of affiliated clinical agencies. Personal health insurance may be required by some agencies. Students are highly encouraged to carry personal health insurance and are responsible for costs incurred due to injury or illness while enrolled. Students will be responsible for the cost of the physical examination and required immunizations and/or testing.

Students will be required, during the course of the program to demonstrate their physical and/or emotional fitness to meet the essential requirements of the program. Such essential requirements include freedom from communicable diseases, the ability to perform certain tasks, and suitable emotional fitness. Any appraisal measures used to determine such physical and/or emotional fitness will be in compliance with Section 504 of the Rehabilitation Act of 1973 and the American Disabilities Act of 1990. Students will be required to meet all health guidelines of the affiliating agencies. Students are responsible for cost incurred from injury or illness while in the Polysomnography Program.

## Retention

Students' grades will be evaluated at the end of each semester by the Program Director. A student must maintain the following standards or he/she will be dismissed from the program:

1. A grade of "C" or better in each specialty course.
2. Completion of specialty courses as specified by the certificate checklist. A student must be able to complete courses with the class in which he/she was admitted. A student who cannot graduate with the class in which he/she was admitted will be dropped from that class and must re-apply to a subsequent class.
3. Evidence of malpractice insurance and physical examination must be provided prior to clinical training.

The RSCC policy of Student Conduct and Disciplinary Sanctions applies to all students regardless of the program in which they are enrolled. In cases where alcohol and drug violations occur, disciplinary action, as well as the decision whether to test for alcohol or drugs, will be processed through the Dean of Allied Health Sciences and the office of the Dean of Student Services and Multicultural Affairs.

**Readmission Procedures**

A student must request readmission after a grade of “D” or “F” is received in a core course or after withdrawal from the program at any time during the semester.

A student may be considered for readmission to the program if all of the following criteria are met:

1. Students applying for readmission must meet all admissions criteria listed above. The applicant must submit a readmission request in writing to the Program Director at least thirty (30) days prior to enrollment. The request must be a detailed personal reflection of the reason(s) for the unsuccessful performance and a plan of correction.
2. One (1) readmission to the program will be permitted.
3. The applicant applying for readmission may be required to interview with the Program Director for consideration of readmission before the review date by the AHS Admissions Committee.
4. An acceptable level of discipline-specific competency may need to be demonstrated prior to readmission.
5. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.  
*Note: The AHS Program Director will verify that all readmission documents and criteria including licensure/credentials are current and valid.*
6. Readmission to an Allied Health Sciences program is contingent upon the availability of space.
7. Students who are dismissed for reasons associated with academic misconduct or violations of a code of ethics will not be considered for re-admission.
8. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better in the course.
9. A student may be readmitted to the program within two year from the semester they failed. Before being considered for readmission they will be required to take a competency exam for those course(s) which they previously successfully completed. Upon successful completion of those exams they will be considered for readmission to the program and be required to take only the course(s) they failed. If they do not successfully complete the competency exam(s), they can reapply for admission but will have to repeat all courses. Successful completion of a competency exam(s) would mean a grade of 70 or greater.

<b>1st Fall</b>			<b>Hours</b>
PSG	101	Polysomnography I	4
PSG	104	Sleep Disorders Diagnosis and Treatments	4
PSG	116	Polysomnographic Interpretations	3
<b>TERM TOTAL</b>			<b>11</b>

Action Items

- Oct Meet with Faculty Advisor  
Complete Application for Graduation
- Nov Register for next term

<b>1st Spring</b>			<b>Hours</b>
PSG	111	Polysomnography II	4
PSG	107	Polysomnographic EKG Interpretation	3
PSG	120	Clinical I	3
PSG	125	Clinical II <sup>1</sup>	(5)
<b>TERM TOTAL</b>			<b>10</b>

Action Items

- Jan Complete FAFSA if you plan to continue after certificate
- Mar Meet with Faculty Advisor  
Complete Clinical Preparation Requirements
- April Register for next term

<b>1st Summer</b>			<b>Hours</b>
PSG	125	Clinical II <sup>1</sup>	5
HIMT	1300	Medical Terminology <sup>2</sup>	3
<b>TERM TOTAL</b>			<b>8</b>

Action Items

- Jun Begin job search using RaiderRecruit

**TOTAL CERTIFICATE HOURS 29**

<sup>1</sup>PSG 125 Clinical II is offered both in the Spring and Summer terms, but students only need to take the course once.

<sup>2</sup>May be completed prior to or at any time during the program.

Students pursuing this certificate will be advised by the Allied Health Sciences Division. Students wishing to pursue an A.A.S. Allied Health Sciences with an emphasis in Polysomnography should contact their advisor. A certain number of credit hours in each program must be completed in order to meet the graduation residency requirement. Contact your advisor for the requirement of your program.

<http://www.roanestate.edu/?6118-Polysomnography>

# Welding

*Effective Spring Semester 2019: This program has been terminated through the Tennessee Board of Regents and is no longer available as a program of study.*

The Welding Certificate is a one-semester program consisting of four courses. It is intended for students who already have the skills and knowledge to weld carbon and stainless steel, using Arc, MIG and TIG processes. Program is designed to deepen the skills and knowledge of welders, by providing training in aluminum welding, by teaching how to program robotic welding machines, and by giving a theoretical background in metallurgy and material testing.

## 1st Term

WELD	1410	Metallurgy for Welders	4
MECH	2700	Robotic Welding	4
WELD	2010	Aluminum Welding	4
NDTE	1010	Introduction to Non-destructive Testing	4
<b>TOTAL CERTIFICATE HOURS</b>			<b>16</b>

## Action Items

Sept Complete Application for Graduation

Students pursuing this area of study will be advised by the Mathematics and Sciences Division, 865-354-3000 x 4533.

# Course Descriptions

Note: The terms in which a course is normally taught is at the end of each description (F=Fall, Sp=Spring, Su=Summer).

## RSCC Courses

### Accounting

#### *ACCT 1010* Principles of Accounting I

Credits: 3

Basic principles and procedures in accounting relating to the complete accounting cycle for both service and merchandising companies owned as sole proprietorships and as corporations. Also, detailed analysis of assets and liabilities and owner's equity. F, Sp, Su  
Course designed for transfer and part of the TN Transfer Pathways.

#### *ACCT 1020* Principles of Accounting II

Credits: 3

Continues with corporate accounting and long-term liabilities, cash flow statement, and analysis of financial statements. Also, an emphasis on managerial and cost accounting for making sound business decisions. (Prerequisite: ACCT 1010; a grade of C or better is strongly recommended in ACCT 1010) F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

#### *ACCT 2321* Intermediate Accounting I

Credits: 3

Extensive analysis of the principal elements of accounting systems and statements with emphasis on the assets, liabilities, and stockholder's equity of the balance sheet. (Prerequisite: ACCT 1020; a grade of 'C' or better is strongly recommended in ACCT 1020)  
Not part of a TN Transfer Pathway

#### *ACCT 2331* Tax Accounting

Credits: 3

Federal income tax laws with emphasis on the preparation of returns for individuals. Both manual and computerized tax returns will be prepared. (Prerequisite: ACCT 1010 & 1020)  
Not part of a TN Transfer Pathway

#### *ACCT 2332* Topics in Taxation

Credits: 3

This course introduces the student to specialized topics in taxation.  
Not part of a TN Transfer Pathway.

#### *ACCT 2341* Cost Accounting

Credits: 3

Principles of manufacturing and distribution cost accounting. Material, labor, and overhead costs in job order and process cost accounting, budgeting analysis of cost distribution, standard costing, and related problems. (Prerequisite: ACCT 1020; a grade of 'C' or better is strongly recommended in ACCT 1020)  
Not part of a TN Transfer Pathway

#### *ACCT 2351* Auditing

Credits: 3

An introduction to auditing. The course emphasizes the traditional role of the latest function and rendering of an opinion on published financial statements. Topics include generally accepted auditing standards (GAAS), the auditor's report (opinion), professional ethics, audit evidence, planning the audit and the evaluation of risk and the professional responsibility and legal liability relative to auditing standards. (Prerequisite: ACCT 1020)  
Not part of a TN Transfer Pathway

#### *ACCT 2361* Fund Accounting

Credits: 3

The theory and practice of a fund accounting system used by a not-for-profit entity. Emphasis is on the budget process, appropriations and revenue funds for governmental agencies, schools, charities, and not-for-profit medical facilities. (Prerequisite: ACCT 1010 or consent of instructor) F  
Not part of a TN Transfer Pathway



**ACCT 2382 Accounting Systems Application**

Credits: 3

A course designed to acquaint business management majors with commercial accounting software applications. (Prerequisites: ACCT 1010 and INFS 1010; a grade of 'C' or better is strongly recommended in ACCT 1010)

Not part of a TN Transfer Pathway

## Agriculture

**AGRI 1020 Introduction to Animal Science**

Credits: 4

This course will introduce the student to the broad field of animal science including a basic study of the anatomy and physiology of farm animals, livestock production systems, and contemporary issues regarding animal science. The student will become familiar with the fundamentals of feeding, genetics, marketing, animal health, and meat production. The student should also develop an appreciation for the importance of the livestock and meats industry in today's economy. 3 hour lecture and 2 hour lab. This course may be charged a lab fee. F, Sp

Course designed for transfer and part of a TN Transfer Pathway.

**AGRI 1030 Introduction to Plant Science**

Credits: 4

This course will introduce the student to the broad field of plant science including a basic study of the structure, reproduction, physiology, ecology, and classification of plants. The student will become familiar with the principles and practices involved with the culture, management, and utilization of economically important horticultural and agronomic crops.

Course designed for transfer and part of a TN Transfer Pathway.

**AGRI 1050 Introduction to Soil Science**

Credits: 4

This course will introduce students to the broad field of soil science including the chemical, physical and biological properties of soil. It is designed to help prepare students for work on agriculture and natural ecosystems by learning to identify, understand, and manage soils in both agriculture and forestry. The course will include soil identification, classification, conservation, management practices, and soil fertility and productivity. F, S

Course designed for transfer and part of the TN Transfer Pathway.

## Allied Health

**ALH 119 Keyboarding for Allied Health Science Professionals**

Credits: 3

A software-based computer course designed to develop proper touch keyboarding techniques. Speed, accuracy and control are emphasized in developing mastery for alphabetic, numeric, and symbol information input. This course is designed specifically for students choosing a career in Healthcare Documentation Specialist or a related healthcare discipline. The course will not be considered a substitute for INFS 1010 or related computer science courses. Note: A net minimum typing speed of 45 words per minute is required. 3 hours/week

Not part of a TN Transfer Pathway.

## Allied Health Science

**ALHS 1211 Terminology for Medical Communication**

Credits: 2

This is a web course that allows the student to use a combination of learning tools to gain a sound background in medical terminology. This will allow the student to communicate effectively with other professionals. 2 lecture hours/week. Course availability determined by program director.

Not part of a TN Transfer Pathway

Previously ALH 118

**ALHS 1300 Introduction to Health-Related Professions**

Credits: 3

This course is designed for students who are interested in exploring, planning, and preparing for a career as a health care practitioner. The course presents the essential information that students need to make an informed decision about the health care discipline they would like to pursue that best matches their individual interests, skills, and abilities. Course materials and student projects will develop the student's awareness of the demands and expectations of health care professionals, including technical, ethical, legal, and professional competencies. 3 lecture hours/week. (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 1010

**ALHS 2310 Global Perspectives on Health: Community Based Rehabilitation**

Credits: 3

This course will expose students to views of health, wellness, and social acceptance from a different cultural perspective. Basic human rights including physical, mental and social well-being will be considered. Conditions supporting or denying these basic rights will be explored. Students will be expected to immerse themselves in the lifestyle of the host country, including working alongside local residents, service providers and recipients of services. 3 lecture hours/week. Course availability determined by program director.

Not part of a TN Transfer Pathway

Previously ALH 210

**ALHS 2311 Management and Leadership for Allied Health Supervisors**

Credits: 3

This course is designed to introduce the student to management functions and leadership principles and their application in health care organizations. Student projects will develop the student's ability to apply the principles of organizational theory, management theory, management style and behavioral aspects of management across a variety of health care settings. Many allied health practitioners will assume the role of a manager during the course of their career. This course is designed to provide theory and application focusing on the development of leadership and management strategies and skills to prepare these practitioners to assume professional responsibilities in management and administration. F, Sp, Su. 3 lecture hours/week (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 211

**ALHS 2312 Contemporary Issues in Healthcare**

Credits: 3

This is an issues-oriented course that examines the healthcare delivery system in the United States. The course examines the entire continuum of care and uses the construct of a fully integrated system as a means to evaluate the current system, identify the key issues confronting health care today, examine the causes and propose reasonable solutions to a current set of problems. The student will develop an understanding of the unique interplay of the new and changing health care, technology, work force, research, financing, regulation, and personal and professional behaviors, values and assumptions that underlie the current health care system. F, Sp, Su. 3 lecture hours/week. (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 212

**ALHS 2313 Special Topics in Healthcare Management**

Credits: 3

This course is designed to allow the student the opportunity to engage in independent study of a selected topic of interest in the field of health care administration or related area, which will enhance the student's ability to function more effectively as a manager in the health care field. The course will be conducted in a seminar or symposium format where each student is an active and involved participant in the selection of topic questions and material to be covered. Topics might include but are not limited to organizational learning, women in leadership, adult learning, leadership and culture, re-engineering and organizational resizing, or healthcare finance. The course may be used to meet part of the elective requirements for business degree programs. Topics may be repeated in future semesters or may change from semester to semester. F, Sp, and as determined by program director. 3 lecture hours/week. (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 213

**ALHS 2314 Medical Law and Ethics**

Credits: 3

This course provides an introduction to legal and ethical issues that impact health care professionals. Laws and regulations related to the health care industry such as HIPAA, Patient Bill of Rights, and standard of care are addressed. In addition, ethical and moral issues that health care professionals may encounter are presented. The student will develop an understanding of the unique interplay of the new and changing health care, technology, work force, research, financing, regulation, and personal and professional behaviors, values and assumptions that underlie the current health care system. F, Sp, Su. 3 lecture hours/week (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 214

**ALHS 2315 Experiential Learning**

Credits: 3

This course is designed to accommodate the student licensed/credentialed in a health sciences discipline and has significant work experience in that discipline but who has not attended a formal postsecondary program. The student will receive directed guidance in the development of an Experiential Learning portfolio, as described in the Experiential Learning Student Guide, for which they may receive college credit based on demonstrated achievement of college-level competencies in their discipline. F, Sp 3 lecture hours/week. (Prerequisite: Completion of Reading and Writing Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 215

**ALHS 2316 Experiential Learning Portfolio**Credits: 3 TO  
27

The student will submit an Experiential Learning portfolio, as described in the Experiential Learning Student Guide, for which they may receive college credit based on demonstrated achievement of college-level competencies in their discipline. The Experiential Learning portfolio will be evaluated by one (1) faculty member with demonstrated expertise in the designated health sciences discipline using the criteria established by the Council for the Advancement of Experiential Learning (CAEL) as published in the Experiential Learning Student Guide. Tuition/fees for this course will be based on the recommended college credit hours to be awarded, as per institutional policy. Credit hours earned in the course may not be used to satisfy any graduation residency requirements. 3-27 hours of field experience/week. F, Sp, Course availability by program director. (Prerequisite: Completion of Reading and Writing Learning Support, if required)

Not part of a TN Transfer Pathway.

Previously ALH 216??

**ALHS 2317 Fundamentals of Healthcare Fin**

Credits: 3

This course will provide students with theory, tools and practical experience in health care financial management. It examines payment sources and reimbursement arrangements; the public and private financing of health care service organizations from both a theoretical and practical perspective, and discusses emerging trends in the health care industry that affect financial decision-making. Topics of study include capital and debt financing, capital structure, financial planning, operating revenue, working capital, resource allocation and financial analysis of the industry. A case study method will be used to provide the student with the opportunity to analyze a working health care organization. 3 lecture hours/week. Course availability determined by program director. (Prerequisite: Completion of Reading Learning Support, if required)

Not part of a TN Transfer Pathway.

**Anthropology****ANTH 1130 Introduction to Physical Anthropology**

Credits: 3

Focuses on the range of human genetic variation and adaptation that is demonstrated in living populations today, comparisons of biology and behavior between human and non-human primates and examination of our human prehistory as outlined in the fossil record. (Prerequisite: Completion of Reading Learning Support, if required) Sp

Course designed for transfer and part of the TN Transfer Pathways.

Roane State General Education Course approved and designed for transfer (TTP Course).

**ANTH 1230 Introduction to Cultural Anthropology**

Credits: 3

This course is an introductory survey of the principles, concepts, methods, and scope of anthropology. Emphasis is placed on the nature of culture, sociocultural adaptation, language, kinship, social systems, subsistence patterns, art, ritual and belief systems, and the impact of change. (Prerequisite: Completion of any Reading Learning Support requirements, if needed) F, Sp

Formerly SOCI 2110

Roane State General Education course approved and designed for transfer.

**ANTH 1430 Introduction to Prehistoric Archeology**

Credits: 3

This course is an introductory survey of human origins and prehistoric cultures. Emphasis is placed on the general principles, history, theoretical orientations, and methods of archaeology. This course will examine a number of prehistoric cultural lifeways from the beginnings of human culture to the rise of civilization. Course availability determined by dean. (Prerequisite: Completion of Reading Learning Support requirements, if needed) F, Sp

Formerly SOCI 2120

Roane State General Education course approved and designed for transfer.

**ANTH 2150 Native American Studies**

Credits: 3

A general survey of native American cultures with emphasis on cultural development, diversity, and comparative analysis. Topics include prehistory, social organization, kinship, politics, religion, and material culture, as well as discussion of current Native American concerns. Course availability determined by dean.

Roane State General Education course approved and designed for transfer.

## Art

**ART 1035 Introduction to Art**

Credits: 3

Form and meaning in the visual arts, lecture-discussion. Especially for non-majors. Prerequisite: Completion of Reading Learning Support, if required. F, Sp

Roane State General Education course approved and designed for transfer.

Formerly ARTH 1030 Art Appreciation

**ART 1045 Drawing I**

Credits: 3

Exploration and refinement of fundamental aspects of drawing with emphasis on composition, techniques, and concepts. A minimum of two hours drawing outside class is required. (3 hours lecture, 3 hours laboratory) F, Sp

Course designed for transfer and part of the TN Transfer Pathways.

Formerly ARTP 1010 Drawing I

**ART 1050 Drawing II**

Credits: 3

A continuation of Drawing I. (Prerequisite: ART 1045 or instructor approval) (3 hours lecture, 3 hours laboratory) F, Sp

Course designed for transfer and part of the TN Transfer Pathways.

Formerly ARTP 1020 Drawing II

**ART 1110 Foundations Studio I**

Credits: 3

Surface composition and color. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. (3 hours lecture, 3 hours laboratory) F

Formerly ARTP 1110

Course designed for transfer and part of the TN Transfer Pathways.

**ART 1120 Foundations Studio II**

Credits: 3

Projects dealing with real space and three dimensional materials. Primarily for art, architecture, art education, and interior design and housing majors. Additional work may be required outside class. (3 hours lecture, 3 hours laboratory) Sp

Course designed for transfer and part of the TN Transfer Pathways.

Formerly ARTP 1120

**ART 1130      Painting I: Introduction**

Credits: 3

An introduction to the techniques, materials, and tools of oil and acrylic painting. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1000 or ART 1110 or instructor approval) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1130

**ART 1140      Painting II**

Credits: 3

A continuation of ART 1130 with an emphasis on individual experimentation. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1130) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1140

**ART 1200      Drawing III**

Credits: 3

A continuation of Drawing II. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1020 or instructor approval) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1020

**ART 1310      Photography I**

Credits: 3

Introduction to the art of black and white photography. Field and studio shooting, history of photography, basic developing, and enlarging techniques. Some outside lab work will be necessary. Some additional fees for supplies may be required. (3 hours lecture, 3 hours laboratory) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1310

**ART 1320      Photography II**

Credits: 3

Individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1310) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1320

**ART 1330      Photography III**

Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1320) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1330

**ART 1340      Photography IV**

Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1330) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1340

**ART 1350      Photography V**

Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1340) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1350

**ART 1360 Photography VI**

Credits: 3

Continued individual research in specific photographic topics. Some additional fees for supplies may be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1360) Class availability determined by program director.

Not part of a TN Transfer Pathway.

Formerly ARTP 1360

**ART 1410 Beginning Graphic Design**

Credits: 3

Survey of graphic design; tools, materials, techniques; lettering, and use of type; layout and design. Some additional work may be required outside class. 3 hours lecture, 3 hours laboratory (Prerequisites: ART 1110 & ART 1420) F

Not part of a TN Transfer Pathway.

Formerly ARTP 1410

**ART 1420 Computer Art**

Credits: 3

Introduction to various applications of Computer Graphics and an overview of examples produced with the newest technology. Hands-on experience in working with computer graphics software to solve a variety of design problems with simple computer graphics. Emphasis on applying the principles of art design to the media to create clear and creative graphic. A minimum of 3 hours lab work per week will be necessary to complete course work. F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1420

**ART 1430 Computer Art II**

Credits: 3

Advanced exploration of computer applications and graphic design for pagination, presentation, illustration, three dimensional modeling, or animation. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time. (Prerequisite: ART 1420) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1430

**ART 1440 Computer Art III**

Credits: 3

Continuation of ART 1430. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time.

(Prerequisite: ART 1430) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1440

**ART 1450 Computer Art IV**

Credits: 3

Continuation of ART 1440. 2 hours lecture, 1 hour laboratory per week required AND 4-6 hours per week (minimum) computer lab time.

(Prerequisite: ART 1450) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1440

**ART 1510 Ceramics I: Handbuilding**

Credits: 3

All ceramic hand building techniques including forming methods, glazing, clay preparation, firing, small and large scale pieces. Ceramic history through slide lectures. Some work outside class may be required. (3 hours lecture, 3 hours laboratory) Class availability determined by program director.

Not part of a TN Transfer Pathway.

**ART 1520 Ceramics II: Throwing**

Credits: 3

Thrown ceramic forms including functional utilitarian pottery techniques, glazing and firing methods. Some work outside class may be required. 3 hours lecture, 3 hours laboratory. Class availability determined by program director. (Prerequisite: ART 1510)  
Not part of a TN Transfer Pathway.

**ART 1530 Ceramics III**

Credits: 3

Continued individual research in specific ceramic techniques including hand building, wheel throwing, and advanced surface exploration. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1520) F, Sp  
Not part of a TN Transfer Pathway.

**ART 1540 Ceramics IV**

Credits: 3

Continued individual research in specific ceramic techniques including hand building, wheel throwing, and advanced surface exploration. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1530) F, Sp  
Not part of a TN Transfer Pathway.

**ART 1610 Printmaking I**

Credits: 3

An introduction to basic printmaking processes such as relief and intaglio, including operation of a press, inking techniques, and registration. (3 hours lecture, 3 hours laboratory) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1610

**ART 1620 Printmaking II**

Credits: 3

Continuation of ART 1610. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1610) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1620

**ART 1650 Video I**

Credits: 3

Exploration of video as an art form. Introduction to contemporary video practice including experimental video, video installation, documentary, and narrative forms. (3 hours lecture, 3 hours lab) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1650

**ART 1660 Video II**

Credits: 3

Continuation of ART 1650, Video I. 3 hours lecture, 3 hours lab (Prerequisite: ART 1650) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1660

**ART 1670 Video III**

Credits: 3

Continuation of ART 1660 Video II. 3 hours lecture, 3 hours lab (Prerequisite: ART 1660) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 1670

**ART 1810 Visions Seminar I**

Credits: 2

Emphasis on research, creative processes, scriptwriting and problem solving in the conceptualization of original projects or the visualization of assigned problems. Group critiques will assist students in the formation and polishing of content for work to be produced with the computer or traditional media. F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1810

**ART 1820 Visions Seminar II**

Credits: 2

Continuation of ARTP 1810. (Prerequisite: ART 1810) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1820

**ART 1830 Visions Seminar III**

Credits: 2

Continuation of ARTP 1820. (Prerequisite: ART 1820) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1830

**ART 1840 Visions Seminar IV**

Credits: 2

Continuation of ARTP 1830. (Prerequisite: ART 1830) F, Sp

Not part of a TN Transfer Pathway.

Formerly ARTP 1840

**ART 2000 Art History Survey I**

Credits: 3

Survey of major monuments in Western art, with an emphasis on the art of Europe from prehistory through the Middle Ages. Class availability determined by program director. Prerequisite: Completion of Reading Learning Support, if required.

Roane State General Education course approved and designed for transfer.

Previously ARTH 2010 Survey of Art History I

**ART 2020 Art History Survey II**

Credits: 3

Survey of major monuments in Western art, with an emphasis on Europe and America from 1400 to the present. Class availability determined by program director. Prerequisite: Completion of Reading Learning Support, if required.

Roane State General Education course approved and designed for transfer.

Previously ARTH 2020 Survey of Art History II

**ART 2030 Survey of Contemporary Art**

Credits: 3

Survey of major monuments in Western art, with an emphasis on Europe and America from 1400 to the present. Class availability determined by program director.

Not part of a TN Transfer Pathway.

Formerly ARTH 2030

Formerly ART 203

**ART 2050 Web Design I**

Credits: 3

Design and development of websites. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 1420 or instructor approval) Class availability determined by program director.

Not part of a TN Transfer Pathway.

Formerly ARTP 2050



**ART 2060 Web Design II**

Credits: 3

Continuation of ART 2050. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 2050) Class availability determined by program director.  
Not part of a TN Transfer Pathway.  
Formerly ARTP 2060

**ART 2070 Animation I**

Credits: 3

This course is an introduction to basic skills and concepts of 3D animation, modeling, lighting, camera movement, and rendering. Students will learn how to create storyboards and explore the animation development process. F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ART 207

**ART 2080 Animation II**

Credits: 3

This course continues with intermediate 3D animation and modeling including topics such as hierarchical animation, animation graphs and more advanced script development. (Prerequisite: ART 2070) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 2080

**ART 2090 Animation III**

Credits: 3

Advanced topics in 3D modeling/animation, composition and the development of independent creative work. (Prerequisite: ART 2080) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 2090

**ART 2110 Watercolor I: Introduction**

Credits: 3

Techniques, materials, and tools of transparent watercolor. A minimum of two hours painting outside class will be required. 3 hours lecture, 3 hours laboratory (Prerequisites: ART 1000 or ART 1110 or instructor approval) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 2110

**ART 2120 Watercolor II**

Credits: 3

Further study of the techniques of transparent watercolor, with attention to individual exploration of surface, space, and concept. A minimum of two hours painting outside class will be required. 3 hours lecture, 3 hours laboratory (Prerequisite: ART 2110) F, Sp  
Not part of a TN Transfer Pathway.  
Formerly ARTP 2120

**ART 2500 Special Topics In Art History**

Credits: 3

An in-depth study of selected topics in the history of art, including specific artists, stylistic movements, methodology, and/or art criticism. Topics to be announced.  
Not part of a TN Transfer Pathway.  
Formerly ARTH 2500

## Astronomy

### **ASTR 1010      Solar System Astronomy**

Credits: 4

An introductory survey, with accompanying laboratory, treating the composition, structure, and dynamics of the universe and introducing the basic vocabulary of astronomy and the principles of the scientific method. Components of the solar system are discussed, and hypothesis and theories of the origin and evolution of the solar system are considered in the light of current knowledge and scientific reasoning. Prerequisite: Completion of reading learning support, if applicable. (3 hours lecture, 3 hours laboratory) F

Roane State General Education course approved and designed for transfer.

Formerly ASTR 1010 Introduction to Astronomy I

### **ASTR 1020      Stars and Galaxies Astronomy**

Credits: 4

A continuation of ASTR 1010 in which the sequence of stellar birth, evolution, and death is studied. Characteristics of galaxies and of the beginning of the universe are considered in view of modern astrophysics and particle physics. Principles of interpreting astronomical observations are reinforced through laboratory experience. 3 hours lecture, 3 hours laboratory. Sp

Roane State General Education course approved and designed for transfer.

Formerly ASTR 1020 Introduction to Astronomy II

## Biology

### **BIOL 1110      General Biology I**

Credits: 4

Introduction to the study of Biology, Biological Chemistry, Cell Structure and Function, Cell Reproduction, Genetics and Inheritance. Each student is assessed a lab fee for this course. (3 hours lecture, 2 hours laboratory) F, Sp, Su

Roane State General Education course approved and designed for transfer.

### **BIOL 1120      General Biology II**

Credits: 4

Evolution, Biological Diversity, Ecology. (Prerequisite: BIOL 1110) Each student is assessed a lab fee for this course. (3 hours lecture, 2 hours laboratory) F, Sp, Su

Roane State General Education course approved and designed for transfer.

### **BIOL 1510      Environmental Science I**

Credits: 3

A study of chemical, physical and biological processes in nature and how human dependence on these systems is compromised by our activities. Lecture and laboratory activities provide instruction in such topics as resource management, nutrient cycles, biomes, ecosystems, air and water quality, climate, human population growth, soil conservation, and waste management. (This course satisfies the three hour natural science requirement for AAS career education programs such as Paralegal, Criminal Justice, Business, and Contemporary Management. Students planning to transfer into a baccalaureate program should consult their advisor when choosing natural science electives.) Prerequisite: Completion of Reading Learning Support, if applicable. F, Sp

Roane State General Education Course.

Formerly BIOL 2015

### **BIOL 2010      Human Anatomy and Physiology I**

Credits: 4

A study of basic biological chemistry, cellular structure and function (including cellular respiration, protein synthesis and cell division), histology, and integumentary, skeletal and nervous system. The laboratory will provide experiments to illustrate principles covered in lecture. (Prerequisite: All learning support classes must be completed prior to enrollment in this course.) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

### **BIOL 2020      Human Anatomy and Physiology II**

Credits: 4

A study of the anatomy and physiology of the muscular, circulatory and immune systems, respiratory, digestive, excretory, endocrine and reproductive systems. The laboratory will provide anatomical investigation of and physiological experimentation with these systems. 3 hours lecture, 3 hours laboratory (Prerequisite: BIOL 2010) Each student is assessed a lab fee for this course. F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

**BIOL 2110 Field Biology**

Credits: 3

An elective field-oriented course covering fauna and flora identification, basic ecological principles, and outdoor skills. The course will generally be offered as a combination of classroom instruction followed by an extended field experience. A special fee will be assessed to cover equipment, food, and transportation costs. Su

Not part of a TN Transfer Pathway.

**BIOL 2230 Microbiology**

Credits: 4

An introductory course in microbiology dealing with bacteria, fungi, yeast, viruses, arthropod vectors and helminths to include discussions of cell structure, identification, taxonomy, metabolism, genetics, resistance, infection, disease, and immunity. Laboratory work includes aseptic techniques, biochemical tests and identification of unknowns to complement lecture material. 3 hours lecture, 3 hours laboratory (Prerequisite: BIOL 1110 or 2010 or equivalent college level biology.) Each student will be assessed a lab fee for this course. F, Sp, Su

Not part of a TN Transfer Pathway.

**BIOL 2300 Tropical Biology**

Credits: 4

This course will provide an introduction to the biology on a selected tropical location. No previous knowledge of marine science is assumed or required. A variety of marine ecosystems will be used to develop an understanding of the scientific principles and processes that are basic to all forms of life in and around the sea. These ecosystems will include, but are not limited to, sea turtles, mangrove forests, coral reef communities, bioluminescence, and marine microbiology. Students may also gain specific job-related skills such as advanced SCUBA certification, Professional Association of Diving Instructors (PADI) Enriched Air SCUBA certification, the PADI Coral Reef Specialty certification, as well as research skills which could possibly assist them in securing employment in the marine science industry. (Prerequisites: PHED 1450 or permission of instructor) Sp

Not part of a TN Transfer Pathway.

**BIOL 2400 Coastal Marine Ecology**

Credits: 4

This course will provide an introduction to the ecology on selected coastal marine locations. No previous knowledge of ecology or marine science is assumed or required. A variety of marine ecosystems will be used to develop an understanding of the scientific principles and processes that are basic to all forms of life in and around the coastal areas. These ecosystems will include, but are not limited to, marine wetlands, sea grass beds, sand dune ecology, tide pools, mangrove forests, coral reef communities, bioluminescence, and marine microbiology. Students may also gain specific job-related skills such as advanced SCUBA certification, Professional Association of Diving Instructors (PADI) Enriched Air SCUBA certification, the PADI Shark Awareness Specialty certification, as well as research and possible boat handling skills which could possibly assist them in securing employment in the marine science industry. (Prerequisite: PHED 1450 or permission of instructor) Sp

Not part of a TN Transfer Pathway

**BIOL 2510 Independent Scientific Investigation**

Credits: 2 TO 6

Independent laboratory/library research in biology by qualified students under the supervision of a faculty member. Especially designed to develop interest in and to apply techniques of scientific research. Up to six (6) credit hours may be earned. (Prerequisite: consent of the faculty member)

Not part of a TN Transfer Pathway.

**BIOL 2520 Independent Scientific Investigation II**

Credits: 2 TO 6

Independent laboratory/library research in biology by qualified students under the supervision of a faculty member. Especially designed to develop interest in and to apply techniques of scientific research. Up to six (6) credit hours may be earned. (Prerequisite: consent of the faculty member)

Not part of a TN Transfer Pathway.

**BIOL 2530 General Ecology**

Credits: 4

Relations between organisms and their environments, including human environmental problems. (Prerequisites: BIOL 1110 or the equivalent of 2 years of high school biology and satisfactory ACT scores.) Each student is assessed a lab fee for this course. (3 hours lecture, 2 hours laboratory/fieldwork) Sp

Not part of a TN Transfer Pathway.

**BIOL 2600 Biology Seminar**

Credits: 1 TO 4

In-depth analysis of a particular topic, concern or problem in the biological sciences. Courses can be oriented toward any one of the biological sciences or may be cross-disciplinary in nature, combining several disciplines in biology. Biology elective credit only. Course availability determined by dean.

Not part of a TN Transfer Pathway.

## Business

### **BUSN 1110 Career Planning**

Credits: 1

This web-enhanced course emphasizes career assessment, employment searches, networking, resume building, and interviewing techniques. The course will give major exposure to the tools and information available and necessary for acquiring employment. F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1125 Introduction to Computer Presentations**

Credits: 1

Introduction to creating digital presentations that include sound, video, charts, graphics and other enhancements. F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1126 Business Spreadsheet Fundamentals**

Credits: 1

Introduction to spreadsheet and chart creation and design; including table formatting, formulas, and functions. F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1127 Introduction to Database**

Credits: 1

Introduction to database management in a business environment including: terminology, creation, querying, report generation, and defining table relationships.  
Not part of a TN Transfer Pathway.

### **BUSN 1300 Personal Finance**

Credits: 3

A course designed to aid the student in practical money management. Topics included are charting financial objectives; budgeting; consumer borrowing, renting, and buying; investing; employee benefits and taxation. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1305 Introduction to Business**

Credits: 3

Orientation course designed to introduce the basic functions of business as a framework for further detailed study into business management and the functional areas of accounting, software applications, marketing, leadership, organizational design, etc. Included are vocational/career opportunities, business terminology, and the functions/theories that are utilized in the process of business management. F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1310 Business Communications**

Credits: 3

This course focuses on the principles of written and oral communication skills in a business environment. Business letters, memos, e-mail, reports, and presentations, along with other projects, will be covered. Emphasis will be on organization, composition, and evaluation of communications for specific purposes, as well as style, mechanics, and grammar. (Pre- or corequisite: ENGL 1010) F, Sp  
Not part of a TN Transfer Pathway.

### **BUSN 1315 Business Experiential Learning**

Credits: 3

This course is designed for adult non-traditional students who have gained knowledge and experience that will meet college-level learning objectives for credit assessment. Students should consult their advisors to determine if experiential learning credit might be an option for them. The student will receive directed guidance in the development of an Experiential Learning portfolio based upon CAEL principles for which they may receive college credit based on demonstrated achievement of college-level competencies in their discipline. 3 lecture hrs/week. (Prerequisite: Completion of Reading and Writing Learning Support, if required; Corequisite: BUSN 1305) F, SP  
Not part of a TN Transfer Pathway.

### **BUSN 1320 Business Calculations**

Credits: 3

A course dealing with mathematics as applied to business operations. Included are mathematics of trading, operating, finance, ownership and investment, and summary and analysis. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp  
Not part of a TN Transfer Pathway.

**BUSN 1326 Service Learning and World Culture**

Credits: 3

This course will allow students to conceptually compare classroom learning with a real-world global experience in business. Students will work as a team to research, examine and study the global business environment of a selected international economy and cultural society. Roane State Community College will partner with an international student exchange organization so that students may travel to a selected international destination as a capstone of this class.

Not part of a TN Transfer Pathway.

**BUSN 1330 Entrepreneurship**

Credits: 3

An introductory course designed to provide an overview of the business environment and requirements for successfully operating a small business. Topics covered include forms of business, credit management, utilizing professionals, information management, etc. (Prerequisite: Completion of Reading Learning Support, if required) Sp

Not part of a TN Transfer Pathway.

Formerly BUS 278

**BUSN 1350 Sales and Service**

Credits: 3

A course emphasizing the relationship of product and market, industrial and consumer sales, methods of market analysis, sales and sales methods. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp

Not part of a TN Transfer Pathway.

**BUSN 1360 Software Applications for Business**

Credits: 3

Business Tools and Applications is an introductory survey and hands-on course designed for business majors that includes computer application tools used in businesses today. These include: Windows, Word, Excel, Access, PowerPoint, Outlook, OneNote, Internet Explorer, Google Earth, Bing, PollEverywhere, Skype, and many other applications. Students will apply computer technology to a course-long business case. They will learn how to research the industry, create and format text, charts, and graphics for a business plan, a company logo, brochures, a company database, and computer presentations. They will also learn how to communicate using web and cell phone technology. Throughout the course, students will learn and apply soft skills such as problem solving, team works, and leadership.

Not part of a TN Transfer Pathway.

**BUSN 1362 Document Creation and Design**

Credits: 3

In this comprehensive course, students will learn how to create and format professional-looking documents including letters, memos, reports, research papers, mailing labels, flyers, and newsletters. In addition, students will learn how to work with tables, mail merge, templates, and desktop publishing, as well as how to collaborate with others, and create web pages. Students will apply critical thinking and problem-solving skills to gain a comprehensive understanding of word processing applications in which they may apply to real-life tasks.

Not part of a TN Transfer Pathway.

**BUSN 1370 Spreadsheet Applications**

Credits: 3

This course is designed to develop skills with spreadsheet software. Use and design of spreadsheets for practical business applications and business problem-solving will be an integral part of this course. No prerequisites; however, INFS 1010 Computer Applications or BUSN 1360 Software Applications for Business are highly recommended.

Not part of a TN Transfer Pathway

**BUSN 1380 Supervisory Management**

Credits: 3

This course is designed to introduce the basic aspects of supervisory development, to include the functions of management, communication skills, interpersonal relations, motivation, morale, discipline, leadership training and evaluation, decision-making and self-development. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp

Not part of a TN Transfer Pathway.

Formerly BUS 281

**BUSN 1390 Introduction to Government Contracts**

Credits: 3

Introduction to Government Contracts is designed to establish a foundational understanding of the federal procurement system and the use of contracts in the acquisition of goods and services required by agencies of the US Government. Students will become familiar with contract types, language and terminology applicable to relevant agencies, and acquire a basic understanding of the Federal Acquisition Regulation. (Prerequisite: Completion of Reading and English Learning Support, if required)

Not part of a TN Transfer Pathway.

**BUSN 1391 Mission Directed Contracting**

Credits: 3

Mission Directed Contracting builds upon Introduction to Government Contracts and is designed to establish the basic principles, processes, and techniques of managing procurements that achieve mission objectives. The course will survey the contracting professionals roles and responsibilities in the acquisition process from source selection through negotiation, contract management, and contract close-out. Mission Directed Contracting will focus on leadership, problem solving, analytical, management, and negotiation skills. FAR regulations applicable to source selection, contract management, and contract close-out will be addressed. (Prerequisites: Completion of Reading and English Learning Support, if required)  
Not part of a TN Transfer Pathway.

**BUSN 1392 Mission Performance Assessment**

Credits: 3

Mission-Performance Assessment builds upon Introduction to Government Contracts and Mission Directed Contracting and is designed to further establish the basic principles and methods of achieving programmatic objectives through the government contracting process. The course will focus on the techniques, processes, and strategies of contract management professionals in ensuring compliant and satisfactory contractor performance, preventing and resolving contract disputes, effecting contract changes, and providing leadership throughout the contracting process. FAR regulations applicable to contractor performance evaluation, contract disputes, changes, subcontracts, terminations, socio-economic programs, and payments will be addressed. (Prerequisite: Completion of Reading and English Learning Support, if required)  
Not part of a TN Transfer Pathway.

**BUSN 2300 Business Ethics**

Credits: 3

A course concerned with the relationship between business goals and practices and the good of society. Of specific concern will be matters such as fair pay, safe working conditions, well-made products at fair prices and environmental issues. (Prerequisite: ENGL 1010) Sp  
Not part of a TN Transfer Pathway.  
Formerly BUS 215

**BUSN 2340 Human Resource Management**

Credits: 3

This course is a study of principles of human resource management, which may include equal employment law and the recruitment, selection, and development of the human resources.  
Not part of a TN Transfer Pathway.

**BUSN 2350 Organizational Behavior**

Credits: 3

This course examines the importance of understanding human relations in the workplace and developing the skills necessary to foster more effective communication and motivation. It is designed to help students gain insights into specific people skills that can be used on the job to motivate people, communicate better, and create more effective teams. It provides a basic knowledge of behavior as it relates to the way people (individuals and groups) act in organizations as well as the organization system itself. It encompasses a wide range of topics such as values, attitudes, perception, and ethics of individuals, motivation of individuals and groups, team building, effective communication, leadership and management, conflict and negotiation, training and development, performance appraisals, and cultural changes. F, Sp  
Not part of a TN Transfer Pathway.

**BUSN 2362 Negotiation and Conflict Resolution**

Credits: 3

This course is designed to provide the student with the necessary knowledge and skill to resolve various types of conflict we all encounter. Additionally, the course will focus on both learning and applying negotiation skills in a variety of business situations to reach successful solutions. Students may not receive credit for both BUS 2362 and MGT 225. F, Sp  
Not part of a TN Transfer Pathway.

**BUSN 2365 Database Creation and Design**

Credits: 3

Using the Microsoft Office Access application, students will focus on database management in a business environment, including: terminology, object creation, data manipulation and integration with other business applications. F  
Not part of a TN Transfer Pathway.

**BUSN 2370 Legal Environment for Business**

Credits: 3

Emphasis is placed on classification of laws, historical background of our systems of law, duties, buying services, insurance, consumer protection, negotiable instruments, and business organization. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp  
Not part of a TN Transfer Pathway.

**BUSN 2380 Principles of Marketing**

Credits: 3

A general but critical survey of the field of marketing, covering international industries and commerce, distribution of resources, factors of distribution and transportation, and the marketing functions. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp  
Not part of a TN Transfer Pathway.

**BUSN 2385 Project Design & Management**

Credits: 3

Students will use PMI principles and hands on Project Management applications to learn all the essential topics of completing a major project including: planning a project, creating project schedules, communicating project information, using the critical path, assigning resources, tracking progress, and sharing information across applications and the Web. Sp  
Not part of a TN Transfer Pathway.

**BUSN 2390 Business Presentations**

Credits: 3

Using Microsoft Office PowerPoint application, students learn the art of designing, creating, and delivering sophisticated and professional computer presentations. Presentations will include sound, video, charts, graphics, hyperlinks, and other enhancements that will illustrate their topics. Sp  
Not part of a TN Transfer Pathway.

**BUSN 2392 Business Innovations**

Credits: 3

This course examines creativity and innovation and its role in all organizations. The course focuses on understanding the need for creativity and innovation, processes for facilitating and early steps for examining the viability and implementation of innovations. (Prerequisite: Completion of Reading Learning Support requirements, if applicable.)  
Not part of a TN Transfer Pathway.

**BUSN 2399 Management Seminar**

Credits: 3

Consideration of current problems, issues, and developments in the area of management. Students are guided through individual projects and outside research related to their area of concentration and employment training. This course should be taken during the final year of coursework and/or after the completion of ENGL 1010, ACCT 1010, BUSN 1305, BUSN 1380, and BUSN 2380. (Prerequisite: Completion of Reading Learning Support, if required) F, Sp  
Not part of a TN Transfer Pathway.

## Chemistry

**CHEM 1000 Fundamentals of Chemistry**

Credits: 4

This course is designed for students desiring to enter a science, engineering or pre-med (veterinarian, pharmacy, etc.) program but who have had no high school chemistry or are not recent high school graduates. The emphasis will be on the fundamental concepts of chemistry, nomenclature, equation writing, simple stoichiometric calculations, bonding, gas laws and property of solutions. NOTE: This course cannot be used to fulfill a natural/physical science requirement where a sequence is indicated. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 19 or above on the ACT MATH portion OR MATH 1000, Algebra Essentials) Each student is assessed a lab fee for this course. F, Su  
Not part of a TN Transfer Pathway.

**CHEM 1010 Introductory Chemistry I**

Credits: 4

Introductory chemistry dealing with the basic principles such as atomic structure, periodic law, states of matter, chemical bonding, types of compounds, gas laws, solutions, acids and bases, equilibria. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 21 or above on the ACT MATH portion OR completion of all Math Learning Support requirements AND MATH 1000 Algebra Essentials. If you did not have a chemistry course in high school it is STRONGLY advised that you take the CHEM 1000 course first.) Each student is assessed a lab fee for this course. F, Sp  
Roane State General Education course approved and designed for transfer.

**CHEM 1020    Introductory Chemistry II**

Credits: 4

Aliphatic, aromatic, and heterocyclic organic chemistry with emphasis on structure, nomenclature, and functional groups. Introductory biochemistry concerning lipids, carbohydrates, proteins, and nucleic acids. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1010) Each student is assessed a lab fee for this course. Sp

Roane State General Education course approved and designed for transfer.

**CHEM 1110    General Chemistry I**

Credits: 4

A study of fundamental principles of chemistry, such as mathematical calculations of chemical relationships, atomic structure, periodic relationships, molecular structure, bonding, and the chemistry of oxygen, hydrogen, and water, Kinetic Molecular Theory, physical states of matter, solution chemistry, electrolytes and colligative properties. 3 hours lecture, 3 hours laboratory (Prerequisite: 2 years of high school algebra with appropriate score of 21 or above on the ACT MATH portion OR MATH 1000, Algebra Essentials. If you did not have a chemistry course in high school it is STRONGLY advised that you take the CHEM 1000 course first.) Each student is assessed a lab fee for this course. F, Sp

Roane State General Education course approved and designed for transfer. (TTP course)

**CHEM 1120    General Chemistry II**

Credits: 4

The introduction to the studies of oxidation-reduction, chemical thermodynamics and thermochemistry, molecular and ionic equilibrium, chemical kinetics and electrochemistry. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1110) Each student is assessed a lab fee for this course. Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

**CHEM 2010    Organic Chemistry I**

Credits: 4

A study of the properties, preparations, reactions, and spectroscopy of aliphatic and aromatic compounds, including reaction mechanisms and the relationship between structure and reactivity. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 1120) Each student is assessed a lab fee for this course. F

Course designed for transfer and part of the TN Transfer Pathways.

**CHEM 2020    Organic Chemistry II**

Credits: 4

A continuation of CHEM 2010, covering carbanion condensations, heterocyclics, fats, carbohydrates, amino acids, and proteins. 3 hours lecture, 3 hours laboratory (Prerequisite: CHEM 2010) Each student is assessed a lab fee for this course. Sp

Course designed for transfer and part of the TN Transfer Pathways.

## Chemical Engineering Technology

**CHET 1300    Process Equipment**

Credits: 3

Fundamentals of chemical plant energy sources; concepts and operational principles of cooling towers, boilers, reactors, heat exchangers, columns, and refrigeration; introduction to plant machinery and equipment including electric motors and transmissions; human error prevention, safety, and preventative maintenance procedures are emphasized; lecture 2 hours, lab 3 hours. Sp

Not part of a TN Transfer Pathway

**CHET 1320    Process Control and Instrumentation I**

Credits: 3

Principles of process control and the functions of instruments used to monitor and control chemical processes; topics include controllers, open and closed loops, pressure, temperature, flow, level, pH, conductivity, and humidity. Skill development to recognize instrument representation on piping and instrumentation diagrams; lecture 2 hours, lab 3 hours. (Prerequisite: MATH 1130 & ENST 1362) Sp, F

Not part of a TN Transfer Pathway

**CHET 1350    Project Management for Technicians (active, effective Summer 2020 Semester)**

Credits: 1

An application based course covering an overview of the planning, organizing, controlling, and supporting projects. S

Not part of a TN Transfer Pathway.



**CHET 1410 Process Operations I**

Credits: 4

Introduction to basic chemical engineering calculations; intro to flow and heat concepts, fluid flow and separation principles; operational principles of columns, boilers, heat exchangers, and refrigeration; applications of common industrial processes; safety, troubleshooting, and communication skills are emphasized; lecture 3 hours, lab 3 hours. Sp (Pre-requisites: MATH 1130 & CHEM 1010)

Not part of a TN Transfer Pathway

**CHET 2190 Internship CHET**

Credits: 1 TO 4

This is an internship class in chemical engineering technology. Students will engage in a project with an employer in chemical production setting. As part of this project, students will be engaged in analysis and operation of chemical production systems and will apply appropriate problem solving strategies in a real-world situation. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**CHET 2310 Process Operations II**

Credits: 3

Capstone course designed to integrate the student's knowledge of chemical plant process operations, overview of process technician's responsibilities for operating systems within plant infrastructure; primary focus will be start-up, plant operations, and shut-down procedures with special emphasis on safety procedures. The course will culminate in a scaled working application. A cooperative educational arrangement or OJT within the process operations discipline will be required to successfully complete this course (pilot plant or plant specific); lecture 2 hours, lab 3 hours. F (Prerequisites: CHET 1320, CHET 1410; Co-requisite: CHET 2320)

Not part of a TN Transfer Pathway

**CHET 2320 Process Control and Instrumentation II**

Credits: 3

Capstone course designed to integrate the student's knowledge of chemical plant process controls. Continuation of the principles of process control and the functions of instruments used to monitor and control chemical processes; course focuses on developing various troubleshooting methods, emphasizing instrumental methods. A cooperative educational arrangement or OJT within the process controls discipline will be required to successfully complete this course (pilot plant or plant specific); lecture 2 hours, lab 3 hours. F (Prerequisite: CHET 1320, CHET 1410; Co-requisite: CHET 2310)

Not part of a TN Transfer Pathway

## Computer Science Programming

**CISP 1010 Computer Science Programming**

Credits: 4

This course will focus on the following: Problem solving and algorithm development; Organization and characteristics of modern digital computers with emphasis on developing good programming habits; Building abstractions with procedures and data, and programming in a modern computing language. This course is intended for students enrolled in the AS program with concentration in Computer Science, Mathematics or Engineering. (Prerequisite: MATH 1730 OR ACT of 24 on Math component) Sp

Course designed for transfer and part of the TN Transfer Pathways.

**CISP 1020 Computer Science II**

Credits: 4

Continuation of CISP 1010, Computer Science Programming. This course will focus on data structures and algorithm analysis. Topics include the estimation of time required for a program, basic data structures, hash tables, binary trees, and sorting algorithms. This course is intended for students enrolled in the AS program with a concentration in Computer Science, Mathematics, or Engineering. (Prerequisite: CISP 1010) F

Course designed for transfer and part of the TN Transfer Pathways.

## Cardiovascular Technology

**CIT 101 Procedures I**

Credits: 3

This course covers an overview of anatomy and physiology, practical applications of interventional procedures, vascular correlations, and surgical intervention for specific diseases processes. (3 lecture hours/week)

Not part of a TN Transfer Pathway.

**CIT 110      Procedures II**

Credits: 3

This course covers theory and practice of physiological monitoring, emergency care, and pharmacology. (3 lecture hours/week)  
Not part of a TN Transfer Pathway.

**CIT 120      Procedures III**

Credits: 3

An overview of patient care and legal considerations, equipment and instrumentations, image quality and control, sterile techniques and isolation procedures. (3 lecture hours/week)  
Not part of a TN Transfer Pathway.

**CIT 150      CIT Review**

Credits: 3

This course provides the Radiologic Technologist with CIT experience, an extensive review to sit for the ARRT examination in Cardiovascular Interventional Technology. (3 lecture hours/week)  
Not part of a TN Transfer Pathway.

## Computer Info Technology

**CITC 1300      Beginning HTML and CSS**

Credits: 3

A beginning course in HTML that provides instruction in creating Web pages. Students learn to write HTML code. Topics include using HTML tags, CSS formatting, and appropriate scripting languages. F  
Not part of a TN Transfer Pathway

**CITC 1301      Introduction to Programming and Logic**

Credits: 3

This course is an introduction to the logic necessary for application programming. Topics include logic analysis, techniques of structured design, process flow, and object oriented concepts. A programming language will be used to teach data types, variables, control structures, methods and arrays. Sp  
Not part of a TN Transfer Pathway

**CITC 1302      Introduction to Networking**

Credits: 3

A broad-based course that provides an overview of computer networking. Topics will include network models, protocols and services, media and topologies, devices and tools, network management, and network security. This course may align with the outcomes of industry certification. F  
Not part of a TN Transfer Pathway

**CITC 1303      Database Concepts**

Credits: 3

An introduction to the concepts and syntax of relational database management systems. Topics include data modeling, database design concepts, tables and queries and other database objects using the tools provided in a relational DBMS. Sp  
Not part of a TN Transfer Pathway

**CITC 1310      Programming I**

Credits: 3

This course introduces the basic concepts of programming, problem solving, programming logic, and design techniques using an object-oriented language. The topics covered include the language syntax, functions, return types, and objects found in a current object-oriented programming language. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**CITC 1311      Programming II**

Credits: 3

A continuation of CITC 1310 Programming I. This course introduces the student to object oriented programing. Topics include class creation, methods, events, inheritance, objects and error handling. (Prerequisite: CITC 1310) Sp  
Not part of a TN Transfer Pathway

**CITC 1312 Introduction to .NET Programming**

Credits: 3

An introductory study of object-oriented programming through the use and practical application of the language. Topics include classes, objects, methods, GUI programming, graphics, databases, XML, Web pages and Internet. (Prerequisite: CITC 1310) F  
Not part of a TN Transfer Pathway

**CITC 1318 Data Structures**

Credits: 3

This course covers the basic fundamental principles of Data Structures. It uses a programming language to implement a variety of data structures. Topics will include recursion, containers, vectors, pointers, dynamic memory, stacks, queues, and Lists with or without iterators. User Designed classes are implemented. (Prerequisite: CITC 1310) F  
Not part of a TN Transfer Pathway

**CITC 1321 A+ Hardware**

Credits: 3

An introduction to basics of computer hardware. Topics include identification and installation of internal components, disk configuration, ports, cables, peripherals and networking concepts and connections. F  
Not part of a TN Transfer Pathway

**CITC 1333 Linux LPIC-I**

Credits: 3

This course prepares the student to complete the LPIC-1 Junior Level Linux Certification exams 101 and 102. Topics will include Linux command line operation, maintenance tasks within Linux, and installation, configuration, and connectivity of Linux workstations. Sp  
Not part of a TN Transfer Pathway

**CITC 1351 Principles of Information Assurance**

Credits: 3

A beginning course in information assurance which examines the fundamentals of information assurance. The course will introduce topics such as the need for security, risk management, security technology, cryptography, and physical security. Also covered are legal/ethical issues and security policies. (Pre or Co-requisite of CITC 1302) F  
Not part of a TN Transfer Pathway.

**CITC 2326 Network Security**

Credits: 3

This course is designed to give students a fundamental understanding of computer and network security. It will introduce students to a wide variety of concepts related to computer security. This course will cover the objectives for the CompTIA Security+ Certification. (Prerequisite: CITC 1302)  
Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**CITC 2328 Network Routing**

Credits: 3

This course focuses on the key concepts and protocols of network routing. It covers basic routing constructs such as: static and default routing; Interior Gateway Protocols (IGP) such as RIP, EIGRP and OSPF and introduces the Exterior Gateway Protocol BGP that is primarily used by Internet Service Providers. (Prerequisite: CITC 1302) Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**CITC 2344 Database SQL Programming**

Credits: 3

A comprehensive study of SQL using an industry established relational database management system such as Microsoft SQL Server or Oracle RDBMS. Topics will include database design, creation and management, advanced queries, stored procedures and functions, triggers, user defined functions, security awareness in an optimistic and pessimistic contingency DML data control, and performance tuning issues. (Prerequisite: CITC 1303) F  
Not part of a TN Transfer Pathway.

**CITC 2352 Digital Forensics**

Credits: 3

This course is designed to give students a basic understanding of computer forensics and investigations. This course will introduce students to computing investigations by preparing them to acquire, examine and summarize digital evidence. (Pre or Co-requisite of CITC 1302) Sp  
Not part of a TN Transfer Pathway.

**CITC 2353 Tactical Perimeter Defense**

Credits: 3

An examination of how software and hardware can be used to provide a perimeter of defense in protecting resources, and how security is addressed in both wireless and wired networks. Topics include the use of tools such as wireless access points, proxy servers, VPN's, auditing, intrusion detection systems and firewalls. Prepares students to take Tactical Perimeter Defense exam for the Security Certified Network Specialist (SCNS) certification.

(Prerequisite: CITC 1351) Sp

Not part of a TN Transfer Pathway.

**CITC 2356 Penetration Testing and Network Defense**

Credits: 3

This course focuses on how hackers attack computers and networks, and how to protect Windows and Linux systems. Legal restrictions and ethical guidelines will be taught and enforced. Students will perform many hands-on labs, both attacking and defending, using port scans, foot-printing, buffer overflow exploits, SQL injection, privilege escalation, Trojans, and backdoors. Students learn the legal, ethical, and technical aspects of using computer systems in unexpected ways. These skills are essential for penetration testers and other network security professionals. Sp (Prerequisite: CITC 1302 Intro to Networking; Corequisite or Prerequisite: CITC 1351 Principles of Information Assurance)

Not part of the TN Transfer Pathway

**CITC 2399 Internship CITC**

Credits: 3

This course can be either a field experience such as an internship, or a project-based course. The description will vary among institutions. Course availability determined by program director.

Not part of a TN Transfer Pathway.

## Composite Materials

**CMAT 1010 Introduction to Composite Materials**

Credits: 3

An examination of the importance of composite materials in industry today. Learn applications that are suitable for the use of composite materials. Study the polymer chemistry required for the manufacture of composite material products and learn the future of composite materials applications and manufacturing methods. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**CMAT 1020 Introduction to Composite Manufacturing Methods**

Credits: 3

Introduction to composite manufacturing processes. Study the various methods currently being used in the manufacturing of composite materials. Recognize the benefits and challenges of each method and learn to evaluate the risk and reward inherent in each application in order to maximize the performance for each application and study the role of automation in composite manufacturing. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**CMAT 1030 Applied Production Methodology**

Credits: 3

Students will experience hands on application of composite materials manufacturing processes in a laboratory environment. Students will employ various manufacturing methods and learn how to safely handle hazardous materials and learn the appropriate storage handling methods for hazardous materials. Students will manufacture parts by using various currently used processes within the industry. Course availability determined by dean.

Not part of a TN Transfer Pathway.

## Cooperative Education

**COE 101 Cooperative Education I**

Credits: 3

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695.

Not part of a TN Transfer Pathway.

**COE 102      Cooperative Education II**

Credits: 3

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695.

Not part of a TN Transfer Pathway.

**COE 201      Cooperative Education III**

Credits: 3

Experiential learning that takes place in real employment situations. The student must be approved by the Placement Coordinator, the academic division of the student's major or area that is being explored, and the employer for full-time or part-time paid employment in industry, business or government. A minimum of ten (10) hours of actual work experience per week throughout the semester is required to receive credit. The work experience will be jointly evaluated by the Placement Coordinator and the employer. For further information contact the Placement Coordinator at 865-882-4695.

Not part of a TN Transfer Pathway.

## College Learning Strategies

**COLS 1010      SOS - Study, Organize, Succeed**

Credits: 3

This course is designed to help students become more efficient, proficient, and self-aware learners. It focuses on research-based learning strategies which can improve student performance in all courses. The course also includes a career awareness component that can be helpful to all students, particularly those who are undecided about their career goals. F, Sp, Su

Not part of a TN Transfer Pathway.

## Communications

**COMM 2025      Fundamentals of Communication**

Credits: 3

This course is designed to introduce the student to the skills of interpersonal communication. Emphasis is placed upon the fundamental principles and techniques of public speaking, and the oral and physical aspects of delivery. Emphasis is also placed upon discussion, listening skills, thoughtful examination of diverse ideas, respect for everyone's right to a point of view and the tenets of free speech. F, Sp, Su

Roane State General Education course approved and designed for transfer.

## Criminal Justice

**CRMJ 1010      Introduction to Criminal Justice**

Credits: 3

Philosophical and historical background; agencies and respective jurisdictions; police ethics, public relations and career orientation. (Prerequisite: Completion of Reading Learning Support requirements)

Course designed for transfer and part of the TN Transfer Pathways.

**CRMJ 1020      Introduction to the Legal Process**

Credits: 3

This course reviews basic laws governing the maintenance of a democratic society and how criminal and constitutional laws meet the challenge of American society. (Prerequisite: Completion of any Reading Learning Support requirements and ENGL 1010 must be taken as a prerequisite or concurrently with this course.)

Course designed for transfer and part of the TN Transfer Pathways.

**CRMJ 1311 Criminal Law**

Credits: 3

Introduces students to the fundamental nature of law and provides an overview of general legal principles. Both criminal law codifications and criminal elements in felonies and misdemeanors will be analyzed. (Prerequisite: Completion of any Reading Learning Support requirements)  
Not part of a TN Transfer Pathway.

**CRMJ 1330 Criminal Evidence & Procedure**

Credits: 3

A study of legal concepts and procedures, including the laws of arrest and search warrant procedure, beginning with the issuance of legal process to ultimate court disposition. (Prerequisite: Completion of Reading Learning Support requirements.)  
Not part of a TN Transfer Pathway.

**CRMJ 1340 Criminal Investigation**

Credits: 3

Fundamentals of criminal investigation procedures; crime scene search and recording, collecting and preserving evidence; scientific and technical aids; case preparation. (Prerequisites: Completion of any Reading Learning Support requirements.)  
Not part of a TN Transfer Pathway.

**CRMJ 1355 Understanding Terrorism**

Credits: 3

An in-depth historical look at terrorism, its origins, types and history. Emphasis will be on philosophical bases, organization, equipment, and operations of terrorist groups. The role of law enforcement agencies in the implementation of anti-terrorist measures is also examined. (Prerequisites: Completion of any Reading Learning Support requirements.)  
Not part of a TN Transfer Pathway.

**CRMJ 2010 Introduction to Law Enforcement**

Credits: 3

An overview of the American Police, including the philosophy and historical evolution behind the police force. Emphasis on policing procedures; crime prevention and control; functions of law enforcement; problems and needs facing the police; and contemporary issues. (Prerequisite: ENGL 1010)  
Course designed for transfer and part of the TN Transfer Pathways.

**CRMJ 2020 Introduction to Corrections**

Credits: 3

This includes the history to criminal corrections in the United States; analysis of the crime problem; identification of the correctional client; correctional methods used in the United States; and emphasis on correctional goals in the criminal justice system. (Prerequisite: Completion of any Reading Learning Support requirements.)  
Course designed for transfer and part of the TN Transfer Pathways.

**CRMJ 2311 Juvenile Justice**

Credits: 3

A study of new attempts geared toward the rebellious youthful offenders in the areas of treatment, experimentation, innovative programs, and theories of causation. (Prerequisites: Completion of any Reading Learning Support requirements and ENGL 1010)  
Not part of a TN Transfer Pathway.

**CRMJ 2381 Special Topics in Criminal Justice**

Credits: 3

A course designed to consolidate the various learning experiences in criminal justice. Emphasis is placed on special problems. (Prerequisite: Completion of any Reading Learning Support requirements and ENGL 1010)  
Not part of a TN Transfer Pathway.

**CRMJ 2396 Criminal Justice Internship I**

Credits: 3

Students will be assigned to a criminal justice related agency to work a minimum of 80 hours. A student must have completed CRMJ 1010 prior to enrollment in this course. As part of the course requirements students will prepare a capstone paper integrating their work and classroom experience.  
Not part of a TN Transfer Pathway.

**CRMJ 2397 Criminal Justice Internship II**

Credits: 3

Students will be assigned to a criminal justice related agency to work a minimum of 80 hours. A student must have completed CRMJ 1010 prior to enrollment in this course. As part of the course requirements students will prepare a 'capstone' paper integrating their work and classroom experience.  
Not part of a TN Transfer Pathway.

## Computed Tomography

### **CTR 110 Principles of Computed Tomography**

Credits: 3

This course includes the basic principles of patient care, radiation safety, and image production as it relates to computed tomography (CT). Other topics will comprise of procedures such as head, spine, musculoskeletal, neck, chest, abdomen, and pelvis. A review of image display, post processing, and quality assurance will also be covered. 3 lecture hours/week.  
Not part of a TN Transfer Pathway.

### **CTR 112 Clinical Practicum**

Credits: 1 TO 2

This course is designed for students to participate in computed tomography radiographic examinations under approved supervision in the clinical setting. Students will obtain experience concerning the proper use of radiographic equipment, along with the development of skills in positioning, patient care, image analysis, and radiation safety. Students must complete and document a minimum number of exams in various selected categories following specific procedural requirements to qualify for the ARRT certification examination. 240 total clinical hours. (Corequisite: CTR 110).  
Not part of a TN Transfer Pathway.

## Dental Hygiene

### **DHYG 101 Preclinical Dental Hygiene**

Credits: 5

This course introduces the theory of the dental hygiene process of care, including assessment, diagnosis, planning, implementation, and evaluation. Emphasis is on providing the student with an ethical and scientific foundation to use in applying appropriate infection control procedures, introductory client assessment procedures, and basic instrumentation skills. The use of the dental hygiene diagnosis in developing a care plan is introduced. This pre-clinical laboratory experience course presents practicum covering the fundamentals of medical emergencies, infection control procedures, ergonomic use of the dental operator, professional conduct, assessment of the dental hygiene client, development of a dental hygiene diagnosis, instrumentation skills, equipment use and maintenance, and oral health education. (3 lecture hours, 8 laboratory hours/week) Prerequisite: Admission to the Dental Hygiene Program  
Not part of a TN Transfer Pathway.

### **DHYG 111 Dental Science I**

Credits: 3

This course focuses on anatomical structures of the head and neck, including bones, muscles, glandular tissue, and vascular, nervous, and lymphatic systems. The infectious process and the spread of dental infection are discussed. This course provides the student with a detailed study of comparative tooth anatomy and the anatomical structures that support the teeth and their functions. The eruption, arrangement, function, developmental disturbances, occlusion and morphological characteristics of both the permanent and deciduous dentitions is presented. (3 lecture hours/week)  
Prerequisite: Admission to the Dental Hygiene Program.  
Not part of a TN Transfer Pathway.

### **DHYG 112 Dental Science II**

Credits: 3

This course provides the student with a detailed study of the embryological and histological formation of the oral-facial structures of the head, neck, oral cavity and underlying structures. (Prerequisites: Admission to the Dental Hygiene Program, BIOL 2010 & CHEM 1010) 3 lecture hrs/week.  
Not part of a TN Transfer Pathway.

### **DHYG 121 Clinical Dental Hygiene I**

Credits: 1

This clinical course introduces the dental hygiene student to providing comprehensive dental hygiene treatment. Application of knowledge in infection control practices, development of care plans, assessment, oral health education, coronal polishing technique, delivery of fluorides, radiography, and fundamentals of instrumentation. Supportive dental technology, equipment and products related to dental hygiene treatment are introduced. (120 total hours) Prerequisite: Admission to the Dental Hygiene Program.  
Not part of a TN Transfer Pathway.

### **DHYG 132 Dental Radiography**

Credits: 3

This course includes principles of radiation physics, exposing, processing, mounting, evaluating, and interpreting dental radiographs. Biological effects of radiation and protective principles, quality assurance protocols, and infection control are emphasized. Emerging imaging technology is addressed. (2 hours lecture, 2 hours laboratory/week) Prerequisite: Admission to the Dental Hygiene Program.  
Not part of a TN Transfer Pathway.

**DHYG 133      General and Oral Pathology**

Credits: 3

This course will combine general and oral pathology found in the human system. Concepts of pathologic physiology included in this course are the inflammatory process, wound healing, and immunology. Emphasis will be placed on the oral/facial characteristics of systemic disease. Principles of pathology, clinical features, risk factors, etiology, locations, and treatment options are presented. (3 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.

**DHYG 141      Principals of Dental Hygiene I**

Credits: 3

This course presents concepts of supportive dental hygiene therapy including ultrasonic debridement, air/powder polishing, subgingival irrigation, treatments for tooth hypersensitivity, patient management techniques (including antibiotic therapy), care of dental appliances/prostheses, and pit and fissure sealants. The use of supportive dental hygiene treatment in providing comprehensive care is introduced. The application of evidence based clinical practice is included. (3 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.

**DHYG 161      Biochemistry and Nutrition**

Credits: 3

This course provides principles of biochemistry and nutrition principles including nutritional standards and requirements, dietary sources of nutrients and nutrient utilization as it relates to health, disease and total care of patients. Emphasis will be on the relationship between nutrition and dental caries and periodontal disease. The student will be taught to correlate nutrition and dental health, provide nutritional counseling, and develop dietary plans for patients. (Prerequisite: Admission to the Dental Hygiene Program and CHEM 1010) 3 lecture hrs/week

Not part of a TN Transfer Pathway.

**DHYG 171      Dental Materials**

Credits: 3

This course focuses on the study of the physical, chemical, and biologic properties and uses of dental materials. Identification and manipulation of common dental materials are incorporated in laboratory experiences. (2 lecture hours, 3 laboratory hours/week) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.

**DHYG 201      Pharmacology and Pain Control**

Credits: 4

This course provides an introduction to modern therapeutic drugs. Dosage forms, sources, prescriptions, and metabolism are covered first, then students study human physiological systems and the most important drugs used to affect these systems. Emergency and new drugs are included. This course addresses coverage of pain and anxiety management for conscious dental clients. The indications, contraindications, and pharmacology of local anesthesia and nitrous oxide and oxygen sedation used in dentistry will be discussed. Local anesthesia techniques and the administration of nitrous oxide and oxygen sedation will be studied. Students will be introduced to general anesthesia, parenteral sedation and anti-anxiety medications. Administration of local anesthesia techniques will be performed. (3 lecture and 1 hour lab weekly) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.

**DHYG 211      Dental Hygiene Seminar**

Credits: 2

This course presents professional dental hygiene topics from a historical, economic, legal/ethical, global, political, social, interdisciplinary and multicultural framework. Students will investigate current issues in the field of dental hygiene education, examine ethical and legal concerns in the practice of dental hygiene, and explore the accelerating need for access to care. Students will develop solutions which could be used to influence organizational, institutional, and governmental decisions impacting oral health care. Dental hygiene rules and regulations of the state's dental practice act are examined with reference to the regulatory agencies, current legislation and making application for licensure. Students make preparation for acquisition of employment with the construction of a resume and practicing interview skills. (2 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.

**DHYG 212      Community Dental Health**

Credits: 3

This course is designed to provide concepts and principles related to the practice of community oral health. Prevention, access to care, providers of dental services, financing dental care, and quality assurance are discussed. The dental hygienist's role in developing community oral health programs is an integral component. The significance of oral health measures for all members of society is addressed. The dental hygiene student will develop oral health education programs for diverse populations utilizing the dental hygiene process of care paradigm of assessment, planning, implementation, and evaluation. Field experiences will take place in community schools, extended care facilities, outpatient treatment facilities, and acute care facilities. (2 lecture hours, 3 laboratory hours/week) Prerequisite: Admission to the Dental Hygiene Program.

Not part of a TN Transfer Pathway.



**DHYG 221 Clinical Dental Hygiene II**

Credits: 2

This clinical course focuses on the dental hygiene student building on prior experience in providing comprehensive dental hygiene treatment. Increased opportunity for treating clients with moderate to severe periodontal disease for different age groups (child, adolescent, adult and geriatric) as well as those with complex medical and pharmacological histories is introduced. Students gain experience in applying advanced strategies in assessment, care planning, oral health education, and instrumentation. Student directed judgment and relating theory to the clinical component of dental hygiene education are emphasized. (180 total clinic hours/semester) Prerequisite: Admission to the Dental Hygiene Program. Not part of a TN Transfer Pathway.

**DHYG 222 Clinical Dental Hygiene III**

Credits: 2

This clinical course challenges the dental hygiene student to work ethically, professionally and independently in providing comprehensive dental hygiene treatment for clients in all stages of periodontal health with increased concentration on treating clients with moderate to severe periodontal disease. Dental hygiene treatment based on current scientific theories, research, and standard of care is expected. Meeting the individual needs of clients utilizing problem-solving strategies, critical thinking skills, increased efficiency in patient and time management skills, and good communication is emphasized. Students make preparation for a clinical board examination with criterion selection of a suitable patient. (180 total clinic hours/semester) Prerequisite: Admission to the Dental Hygiene Program. Not part of a TN Transfer Pathway.

**DHYG 240 Principles of Dental Hygiene II**

Credits: 2

This course addresses the care and clinical management of special needs clients who present with conditions/diseases of significance to dental hygiene care. Included is discussion of the pathophysiology, etiology, psychosocial, physical, and oral characteristics, potential emergencies, and the related dental hygiene process of care associated with these conditions/diseases. Preparation of a case-study document/research paper on a selected topic including accessing and implementation of evidence-based resource materials is included. (2 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program. Not part of a TN Transfer Pathway.

**DHYG 242 Prin of Dental Hygiene III**

Credits: 2

This course provides for the presentation of a prepared case study that includes material in the areas of assessment of patient characteristics, interpretation of radiographs, planned and managed dental hygiene care, utilization of non-surgical periodontal procedures, preventive agents, supportive treatment services and professional responsibilities. Included is a systematic approach to board preparation and dental hygiene curricula review. Information presented in this course will assist senior dental hygiene students in preparing for credentialing examinations and other procedures required for obtaining a dental hygiene license. (2 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program. Not part of a TN Transfer Pathway.

**DHYG 251 Periodontology**

Credits: 3

This course focuses on periodontal diseases and their relevance for the dental hygienist. A review of the anatomy and structures of the periodontium is included. A thorough analysis and application of the clinical dental hygiene diagnosis is provided. Emphasis is placed on the etiology, systemic correlation, clinical and radiographic assessment, diagnosis and classification, treatment planning, treatment evaluation, periodontal maintenance and surgical and non-surgical treatment procedures of periodontal diseases. (3 lecture hours/week) Prerequisite: Admission to the Dental Hygiene Program. Not part of a TN Transfer Pathway.

**Early Childhood Education****ECED 1310 Introduction to Early Childhood Education**

Credits: 3

Introduction to Early Childhood Education is an introduction to the early childhood profession, including an emphasis on professionalism and developmentally appropriate practice. The course also includes an overview of history of early education; theoretical program models; different types of early childhood programs, community resources; professional organizations, and contemporary trends and issues in programs for children ages birth through eight. Field experience required. F, S  
Course designed for transfer and part of the TN Transfer Pathways

**ECED 2186 Special Topics in Early Childhood Education**

Credits: 1

This is a course designed to promote student learning in specially selected topics in early childhood. Topics will be created to address individual student's learning needs and interests. Topics will help further student's understanding of early childhood education. Topics may include, but are not limited to, developmentally appropriate practice, early childhood theory and theorists, and professionalism and advocacy in the early childhood field. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director. Not part of a TN Transfer Pathway.

**ECED 2286 Special Topics in Early Childhood Education**

Credits: 2

The study of programs, trends, and issues in the field of Early Childhood Education. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director. NOT part of a TN Transfer Pathway

**ECED 2300 The Mentoring Teacher**

Credits: 3

The Mentoring Teacher is a study of the philosophy, principles, and methods of mentoring adults who have varying levels of training. Emphasis will be on the role of mentors as facilitators of adult learning, while also addressing the needs of parents, other staff, and of children from birth through eight. Field experience is required. F (alternating years) Not part of a TN Transfer Pathway.

**ECED 2310 Safe, Healthy Learning Environments**

Credits: 3

Safe, Healthy, Learning Environments is a study of the basic principles and practices of safety, health and nutrition as they relate to the early childhood setting, home and community for children ages birth through eight. Also included is a study of principles of creating appropriate learning environments for young children. Field experience required. Not part of a TN Transfer Pathway.

**ECED 2312 Administration of Child Care Centers**

Credits: 3

Administration of Early Childhood Programs is a study of organizational and administrative practices applicable to serving children ages birth through eight. Topics of particular consideration include leadership, enrollment, public relations, staff-management, financial management, facilities, regulations, family relations, and program development. Field experience is required. Sp - alternating years Not part of a TN Transfer Pathway.

**ECED 2315 Early Childhood Curriculum**

Credits: 3

Early Childhood Curriculum is a study of developmentally appropriate practices and the teacher's role in supporting development of young children ages birth through eight. Also, an emphasis on curriculum planning including goals, environment, roles of teachers and parents, materials and settings. Field experience required. F, Sp Not part of a TN Transfer Pathway.

**ECED 2320 Infant, Toddler, Child Development**

Credits: 3

Infant, Toddler, Child Development is a study of the physical, cognitive, social, and emotional aspects of young children and their application to the care, guidance and development of the child birth through eight. Field experience required. (Prerequisites: Completion of any READ or ENGL Learning Support requirements, if applicable) Sp - alternating years Course designed for transfer and part of the TN Transfer Pathways.

**ECED 2335 Initial Practicum**

Credits: 3

Initial Practicum is a supervised practicum which includes a minimum of 30 clock hours in instruction and 45 clock hours in a clinical site approved by the department (accredited agency, 3-Star, or department-approved site). These hours may be completed in the student's employment site with departmental approval. The course includes a study of the physical and human qualities that combine to create an environment that is safe and healthy and promotes optimum learning for young children ages birth through eight. (Co-requisite of ECED 2310 recommended) Sp Not part of a TN Transfer Pathway.

**ECED 2340 Family Dynamics & Community Involvement**

Credits: 3

Family Dynamics & Community Involvement is a study of the role of the family and community in the physical, cognitive, social and emotional growth of the child in a diverse society. Topics include benefits of and strategies for developing positive, reciprocal relationships with families in an early childhood setting. Field experience is required. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**ECED 2360 Development of Exceptional Children**

Credits: 3

Development of Exceptional Children explores practices that early childhood professionals can apply to develop a more inclusive and accessible environment for all children ages birth through eight. It provides students with skills to include children of all abilities through appropriate arrangement of the environment. The course includes strategies for developing strong relationships with families and other community agencies. Field experience is required. (Prerequisites: ECED 2320) F - alternating years  
Course designed for transfer and part of the TN Transfer Pathways.

**ECED 2365 Final Practicum**

Credits: 3

Final Practicum is a supervised clinical experience with a minimum of 15 clock hours in instruction and 90 clock hours in a Clinical Site approved by the Department (accredited agency, 3-star or Department-approved site). Up to 45 hours may be completed in the student's employment site with department approval. Focuses on the student's demonstration of competencies that produce positive developmental outcomes for young children ages birth through eight. (Prerequisite: ECED 2320) F - alternating years  
Not part of a TN Transfer Pathway.

**ECED 2370 Developmental Assessment**

Credits: 3

Developmental Assessment covers assessment for children from birth through eight. Both formal and informal instruments will be discussed with the emphasis on tools that can be effectively used by teachers of young children. Considerations in choosing, administering, and reporting results of assessments are also addressed. Field experience is required. (Prerequisite: ECED 2320) Sp - alternating years  
Not part of a TN Transfer Pathway.

**ECED 2375 Socio-Emotional Development**

Credits: 3

This course addresses promotion, prevention, and intervention strategies related to young children's social-emotional development and challenging behavior. The course is built around the Teaching Pyramid (Fox, Dunlap, Hemmeter, Joseph & Strain, 2003), which is a framework for understanding effective practices related to supporting young children's social-emotional development and addressing challenging behavior. The model includes a focus on building relationships with children, families, and colleagues. The course also stresses designing environments that support young children's social-emotional competence, developing strategies for teaching social skills, and promoting emotional development. It includes a systematic approach for addressing challenging behavior when it is persistent and not responsive to developmentally appropriate guidance procedures. (Prerequisite: none)  
Not part of a TN Transfer Pathway

**ECED 2380 Language and Literacy in Early Childhood**

Credits: 3

Language and Literacy in Early Childhood focuses on research-based principles and practices for providing young children aged birth through eight with a strong foundation in language and literacy, using a developmentally appropriate approach. Field experience is required. (Prerequisite: ECED 2015 or 2315) F - alternating years  
Not part of a TN Transfer Pathway.

**ECED 2385 Math and Science in Early Childhood**

Credits: 3

Math and Science in Early Childhood is a course covering the standards, principles, and practices in teaching mathematics and science to young children ages birth through eight. The course emphasizes developing an integrated math and science curriculum that includes appropriate content, processes, environment and materials, and child-centered choices. Field experience is required. (Prerequisite: ECED 2015 or 2315) F - alternating years  
Not part of a TN Transfer Pathway.

**ECED 2386 Special Topics in Early Childhood Education**

Credits: 3

The study of programs, trends, and issues in the field of Early Childhood Education. (Prerequisites: Satisfactory completion of remedial reading, if needed, and ECED 2315) Course availability determined by program director.  
NOT part of a TN Transfer Pathway

**ECED 2390 Creative Development**

Credits: 3

Creative Development provides strategies for promoting creative development of the child ages birth through eight. Topics include understanding of the concept of creativity: what it is, why it is important, and how the development of creativity relates to art, music, movement, and drama. Field experience is required. Sp - alternating years  
Not part of a TN Transfer Pathway.

**Economics****ECON 2100 Principles of Macroeconomics**

Credits: 3

This course is a study of basic economic concepts and macroeconomics. Topics to be covered will include basic economic theory, economic systems, national income accounting, unemployment and inflation, money and banking, fiscal and monetary policy. Prerequisite: Completion of Reading Learning Support, if required.  
Roane State General Education course approved and designed for transfer.

**ECON 2200 Principles of Microeconomics**

Credits: 3

This course is a study of basic economic concepts and microeconomics. Topics covered include consumer and firm behavior, economic growth, market structures, price and output determination, labor and unions, international trade and finance. Prerequisite: Completion of Reading Learning Support, if required.  
Roane State General Education course approved and designed for transfer.

**Education****EDU 101 Introduction to the Teaching Profession**

Credits: 3

Survey of the roles and responsibilities in the teaching profession and of current educational issues, practices, and problems. Information on employment opportunities, legal issues, changing social expectations of education institutions. Students will be provided experiences with preparation of instructional materials using a variety of media and will be required to develop instructional media. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways

**EDU 111 Introduction to Educating Exceptional Children**

Credits: 3

Examination of categories of exceptionality (mental retardation, giftedness, deafness, blindness, emotional disturbance, orthopedic impairment, etc). Brief review of educational strategies used with particular problems. Site visits to acquaint the student with services, settings, and teacher roles. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways

**EDU 210 Child and Adolescent Development**

Credits: 3

Comprehensive overview of human physical, psychological, and social development from prenatal to late adolescent development. F, Sp  
Not part of a TN Transfer Pathway.

**EDU 211 Educational Psychology**

Credits: 3

Focus on making classroom education more effective by applying specific principles from the following areas of psychology: development, learning, motivation, evaluation, individual differences, and adjustment. (Prerequisite: EDU 101 or permission of instructor) F, Sp  
Course designed for transfer and part of the TN Transfer Pathways

**EDU 223 Instructional Aids and Equipment**

Credits: 1

Basic operation of audiovisual hardware and selection, as well as the utilization of materials for developing instructional media. Students will be provided experiences with preparation of instructional materials using a variety of media. (Prerequisites: EDU 101 and computer skills) F, Sp  
Not part of a TN Transfer Pathway.

**EDU 231 Field Experiences I**

Credits: 2

A cooperative classroom experience for the student and local school systems. Student exposure to duties, responsibilities, and requirements of the teaching profession. F, Sp  
Not part of a TN Transfer Pathway.

**EDU 2310 Service Learning in Education and World Cultures**

Credits: 3

This course will allow students to conceptually compare classroom learning with a real world global experience in education. Students will research, examine and study the global environment of a selected international education system and cultural society. Experience with diverse students of a selected international destination is the focus.

## Environmental Health Technology

**EHTC 1300 Waste Management and Pollution Prevention**

Credits: 3

An overview of the regulatory drivers and systems by which hazardous and non-hazardous wastes are managed. Incentives for waste minimization are presented, as well as techniques and sources of information. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 1301 Industrial Hygiene and Safety I**

Credits: 3

An overview of industrial hygiene and safety concepts including a recognition of occupational hazards and classes of control techniques. Human anatomy and physiology as it relates to occupational hazards is presented. Students are also introduced to the Occupational Safety and Health Act and its administration. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2140 Special Topics in Environmental Health**

Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2240 Special Topics in Environmental Health**

Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2301 Environmental and Occupation Law and Regulations**

Credits: 3

Provides an introduction to those instruments used to evaluate such occupational hazards as noise, radiation, heat stress, oxygen deficiency, explosive atmospheres, and hazardous chemicals and an examination of techniques for characterizing water, wastewater, and hazardous wastes. Environmental sampling techniques and protocols are presented. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2310 Environmental Instrumentation**

Credits: 3

A review of federal, state, and local emergency response guidelines and methods for protecting workers employed in hazardous waste operations and emergency response. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2311 Safety & Emergency Response**

Credits: 3

A review of federal, state, and local emergency response guidelines and methods for protecting workers employed in hazardous waste operations and emergency response. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**EHTC 2315 Applied Radiological Control Technology**

Credits: 3

Study of the core academic knowledge and skill required of entry level radiation control technicians. Includes applying skills in mathematics, algebra, physical sciences and life sciences to the control of occupational exposure of workers to ionizing radiation. Topics include radiation mathematics, physical sciences, nuclear physics, sources of radiation, biological effects of radiation, radiological protection, exposure control, and radiation detector theory and operation. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**EHTC 2320 Industrial Hygiene and Safety II**

Credits: 3

A more in-depth analysis of the physical, biologic, and chemical hazards encountered in the workplace. Topics include exposure to temperature extremes, noise, radiation, hazardous chemicals, and biologic hazards including bloodborne pathogens. Specific administrative and engineering controls and personal protective equipment are presented. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**EHTC 2340 Special Topics in Environmental Health**

Credits: 1 TO 3

This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry. Course availability determined by dean.

Not part of a TN Transfer Pathway.

**EHTC 2420 Internship**

Credits: 4

Work experience designed to familiarize students with applications of principles utilized in the environmental field. Students must attain at least 200 contact hours. No student may enroll in an internship without the approval of the instructor. Course availability determined by dean.

Not part of a TN Transfer Pathway.

## Emergency Medical Respond

**EMR 1000 Emergency Medical Responder**

Credits: 3

This is the initial course in pre-hospital emergency medical care. Student learning will focus on patient assessment, current American Heart Association CPR and Stroke guidelines, emergency care and movement of patients without causing injury. Successful completion of this course will allow the student to sit for licensure given by the National Registry of EMTs. (Prerequisite: 17 years old by course completion and ACT Reading Score 19 or higher). (2 hours lecture/ 2 hours lab per week) (Dual Credit Only).

Not part of a TN Transfer Pathway.

## Advanced EMT

**EMSA 1111 Advanced EMT Clinical**

Credits: 1

The Advanced EMT Clinical is one of two courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses. (48 total clinical hours) Prerequisite: Acceptance into the Advanced EMT Program.

Not part of a TN Transfer Pathway.

**EMSA 1112 Advanced EMT Field Internship**

Credits: 1

The Advanced EMT Field Internship is one of two courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses. (48 total clinical hours) Prerequisite: Acceptance into the Advanced EMT Program.

Not a part of TN Transfer Pathway.

**EMSA 1201 Adv EMT Medical Skills Lab**

Credits: 2

The Advanced EMT Medical Skills Lab is one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns. (2 credit hours/4 hours lab per week) Prerequisite: Acceptance into the Advanced EMT Program.

Not part of a TN Transfer Pathway.

**EMSA 1202 Adv EMT Trauma/Med Skills Lab**

Credits: 2

The Advanced EMT Trauma and Medical Skills Lab is one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns. (2 credit hours/4 hours lab per week) Prerequisite: Acceptance into the Advanced EMT Program. Co-requisite: EMSA 1201, 1502, 1112.

Not part of a TN Transfer Pathway.

**EMSA 1501 Adv EMT Medical Emergencies**

Credits: 5

The Advanced EMT Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: Emergency Medical Responder and Emergency Medical Technician- National Educational Standards competencies, roles and responsibilities of the AEMT, workforce safety, wellness, public health, communications, documentation, medical/legal/ethical considerations, anatomy and physiology, life span development, pathophysiology, patient assessment, critical thinking, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. (5 hours lecture per week) Prerequisite: Acceptance into the Advanced EMT Program. Co-requisite: EMSA 1201, 1111.

Not part of a TN Transfer Pathway.

**EMSA 1502 Adv EMT Trauma/Med Emergencies**

Credits: 5

The Advanced EMT Trauma and Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, EMS operations, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries. (5 hours lecture per week) Prerequisite: Acceptance into the Advanced EMT Program.

Co-requisite: EMSA 1502, 1202, 1112.

Not part of a TN Transfer Pathway.

**Emergency Medical Technology****EMSB 1101 EMT Medical Skills Lab**

Credits: 1

EMT Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize EMS operations, communications, documentation, medical/legal/ethical considerations, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, behavioral emergencies, assisting with medication administration, and successful assessment of patients with a variety of medical concerns. This course includes application of principles and processes discussed in EMT Medical Emergencies. (2 contact hours per week) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1601, 1111

Not part of a TN Transfer Pathway

**EMSB 1102 EMT Trauma-Medical Skills Lab**

Credits: 1

EMT Trauma and Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. (2 contact hours per week) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1601, 1101, 1111, 1602, 1112.

Not part of a TN Transfer Pathway

**EMSB 1111 EMT Clinical**

Credits: 1

EMT Clinical is one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned in EMT Medical Emergencies and EMS Operations. (48 total contact hours) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1601, 1101.

Not part of a TN Transfer Pathway

**EMSB 1112 EMT Field Internship**

Credits: 1

EMT Field Internship is one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned during prior and/or concurrent courses. (48 total contact hours) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1601, 1101, 1111, 1602, 1102.

Not part of a TN Transfer Pathway

**EMSB 1601 EMT Medical Emergencies and Operations**

Credits: 6

EMT Medical Emergencies and EMS Operations is one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: Emergency Medical Responder-National Educational Standards competencies, roles and responsibilities of the EMT, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal/ethical considerations, fundamental anatomy and physiology, life span development, fundamental pathophysiology, patient assessment, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. (6 lecture hours per week) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1101, 1111.

Not part of a TN Transfer Pathway

**EMSB 1602 EMT Trauma and Medical Emergencies**

Credits: 6

EMT Trauma and Medical Emergencies is the second of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries. (6 lecture hours per week) Prerequisite: Acceptance into the EMT Program. Co-requisite: EMSB 1601, 1101, 1111, 1102, 1112.

Not part of a TN Transfer Pathway

**Emergency Med Srvc Para****EMSP 1311 Paramedic Clinical I**

Credits: 3

Paramedic Clinical I is the first of three clinical courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and build upon the concepts and knowledge gained during the first semester. (152 total contact hours) Prerequisite: Acceptance into the Paramedic Program.

Not part of a TN Transfer Pathway

**EMSP 1401 Paramedic Skills Lab I**

Credits: 4

Skills Lab I is a laboratory based course utilizing scenarios to emphasize airway management, medication administration, and successful assessment of patients with a variety of medical concerns and an introduction to cardiology. This course includes application of principles and processes discussed in Fundamentals I. (8 contact hours per week) Prerequisite: Acceptance into the Paramedic Program. Co-requisite: EMSP 1801, 1311.

Not part of a TN Transfer Pathway

**EMSP 1801 Fundamentals of Paramedic I**

Credits: 8

Fundamentals of Paramedic I is the first of two lecture courses to include the following topics: paramedic roles, responsibilities, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal considerations, anatomy and physiology, life span development, general pathophysiology, general pharmacology, patient assessment, critical thinking, airway management, respiratory emergencies and introduction to cardiology. (8 contact hours per week) Prerequisite: Acceptance into the Paramedic Program. Co-requisite: EMSP 1401, 1311.

Not part of a TN Transfer Pathway



**EMSP 2303 Paramedic Practicum**

Credits: 3

Paramedic Practicum is a combination of laboratory and scenarios based course intended to assist students on developing skills related to the theories presented in their previous courses. This course will allow for preparation for psychomotor licensure testing and preparation as a competent entry level Paramedic. (6 contact hours per week) Prerequisite: Acceptance into the Paramedic Program, EMSP 1401 and 2402. Co-requisite: EMSP 2403, 2513.

Not part of a TN Transfer Pathway

**EMSP 2402 Paramedic Skills Lab II**

Credits: 4

Paramedic Skills Lab II is a laboratory based course intended to utilize scenarios to emphasize respiratory/cardiac emergencies (on-going from EMSP 1401), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, trauma, continuing cardiology, and successful assessment of patients with a variety of medical conditions. This course includes application of principles and processes discussed in Fundamentals II. (8 contact hours per week) Prerequisite: Acceptance into the Paramedic Program and EMSP 1801, 1401 and 1311. Co-requisite: EMSP 2802, 2412.

Not part of a TN Transfer Pathway

**EMSP 2403 Paramedic Capstone**

Credits: 4

Paramedic Capstone serves as a mechanism to ensure that the student meets academic requirements to test for National Registry and licensure. This course will include all necessary steps needed to complete the program including exit exams, preparation for National Registry practical and written exams, exit interviews, patient care review by the Medical Director, and any other administrative requirements that the program may deem necessary. (4 contact hours per week) Prerequisite: Acceptance into the Paramedic Program and EMSP 1801, 2802. Co-requisite: EMSP 2303, 2513.

Not part of a TN Transfer Pathway

**EMSP 2412 Paramedic Clinical II**

Credits: 4

Paramedic Clinical II is the second of three clinical experiences designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and to build upon the concepts and knowledge gained during prior and/or concurrent courses. (196 total contact hours) Prerequisite: Acceptance into the Paramedic Program and EMSP 1801, 1401 and 1311. Co-requisite: EMSP 2802 and 2402.

Not part of a TN Transfer Pathway

**EMSP 2513 Paramedic Field Internship**

Credits: 5

Paramedic Field Internship provides evidence that the student is capable of acting as a team leader in managing the emergency care and treatment of an injured or ill patient at the paramedic level. The student will demonstrate competency in this role. While all skill sets should have been achieved prior to initiating the internship, patient types and pathologies may be used from this experience to complete the minimum graduation academic requirements as set forth in CoAEMSP accreditation documents and the Tennessee Office of EMS. (240 total contact hours) Prerequisite: Acceptance into the Paramedic Program and EMSP 1311, 2412. Co-requisite: EMSP 2303.

Not part of a TN Transfer Pathway

**EMSP 2802 Fundamentals of Paramedic II**

Credits: 8

Fundamentals of Paramedic II is the second of two lecture courses to include the following topics: respiratory & cardiology (on-going from EMSP 1801), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, geriatric emergencies, psychological emergencies and trauma/shock. (8 contact hours per week) Prerequisite: Acceptance into the Paramedic Program and EMSP 1801, 1401 and 1311. Co-requisite: EMSP 2402 and 2412.

Not part of a TN Transfer Pathway

## Emergency Medical Technology

**EMT 2170 Comprehensive Advanced Cardiac Life Support**

Credits: 3

An introduction to common cardiac emergencies encountered by pre-hospital care providers in adult and child populations. Emphasis is on the recognition and management of emergencies related to the respiratory and cardiovascular systems. This course covers interpretation of EKG rhythm strips, treatment algorithms, and introduction to ischemia, injury and infarction patterns in 12-lead EKGs. Upon successful completion of this course, students will be ACLS and PALS trained by AHA standards. (Prerequisites: Admission to the Respiratory Therapy Program) 2 hours lecture and 2 hours lab per week). Sp

Not part of a TN Transfer Pathway.

## English

### **ENGL 0510 Writing Learning Support**

Credits: 3

For students who have placed into Writing Learning Support (WLS). ENGL 0510 develops writing skills with special focus on the composing of essays assigned in ENGL 1010, the co-requisite writing class. The control of sentence-level features such as grammar, usage, punctuation, and spelling is emphasized, as is the development of vocabulary, reading comprehension, critical thinking, and study skills. Instruction allows students to address discrete writing and grammatical skills while targeted small-group discussions, workshops, and conferences give primary focus to the writing of essays. Students who complete all Writing Learning Support competencies earn a passing grade in ENGL 0510. A passing grade in the co-requisite ENGL 1010 class will satisfy WLS requirements regardless of the grade earned in ENGL 0510. ENGL 0510 does not satisfy graduation requirements. (Co-requisite: ENGL 1010) F, Sp, Su  
Not part of a TN Transfer Pathway.

### **ENGL 1010 Composition I**

Credits: 3

Composition I is designed to develop proficiency in essays based on several rhetorical modes of writing, such as narrative (personal experience) and expository (informative) essays. The majority of the essays are applicable to major fields of study and societal issues. Research paper required. (Prerequisite: Reading learning support classes must be completed prior to enrollment in this course.) F, Sp, Su  
Roane State General Education course approved and designed for transfer.

### **ENGL 1020 Composition II**

Credits: 3

Writing based on literature and research. Includes interpretation and analysis of fiction, drama, poetry, and the novel. (Prerequisite: ENGL 1010)  
Note: ENGL 1020 may not be used as a humanities elective. F, Sp, Su  
Roane State General Education course approved and designed for transfer.

### **ENGL 2110 Early American Literature**

Credits: 3

Survey of American literature from the Colonial period to the Civil War. May include selections from Poe, Hawthorne, Thoreau, Dickinson, Whitman, etc. (Prerequisite: ENGL 1020) F, Sp  
Roane State General Education course approved and designed for transfer. (TTP Course)

### **ENGL 2120 Modern American Literature**

Credits: 3

Survey of American literature from the Civil War through the Modern period. May include selections from Twain, Frost, Eliot, Faulkner, O'Connor, etc. (Prerequisite: ENGL 1020) F, Sp, Su  
Roane State General Education course approved and designed for transfer. (TTP course)

### **ENGL 2210 Early British Literature**

Credits: 3

Survey of British literature from the Old (in translation) and Middle periods through the 18th century, with emphasis on primary texts and their link with historical Britain. May include selections from Chaucer, Spenser, Shakespeare, Behn, Swift, etc. (Prerequisite: ENGL 1020) F  
Roane State General Education course approved and designed for transfer. (TTP course)

### **ENGL 2220 Modern British Literature**

Credits: 3

Survey of Modern British Literature from the Romantic through the Modern periods, with emphasis on primary texts and their political and social significance in Britain. May include selections from Wollstonecraft, Wordsworth, Keats, Byron, Bronte, Tennyson, the Brownings, Yeats, Eliot, etc. (Prerequisite: ENGL 1020) Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

### **ENGL 2310 Early World Literature**

Credits: 3

Survey of world literature from the ancient world to the Renaissance. May include selections from the Bible, Greek and Roman classics, Dante, Marie de France, Chaucer, Cervantes, Shakespeare, etc. (Prerequisite: ENGL 1020) F, Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**ENGL 2320 Modern World Literature**

Credits: 3

Survey of world literature from the Renaissance through the Modern period. Includes selections from Moliere, Voltaire, Swift, Flaubert, Dostoevsky, Tolstoy, contemporary world authors, etc. (Prerequisite: ENGL 1020) F, Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**ENGL 2520 Introduction to Poetry**

Credits: 3

Study of poetry as a distinct genre of artistic expression. Emphasizes analyzing and writing about poetry. (Prerequisite: ENGL 1020) Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**ENGL 2530 Seminar in Creative Writing**

Credits: 3

Theory and practice of the creation of poetry or prose through the analysis of models and student manuscripts developed in a workshop setting. (Prerequisite: ENGL 1010) Sp  
Not part of a TN Transfer Pathway.

## Engineering

**ENGR 2110 Statics**

Credits: 3

Statics of particles and rigid bodies, resultants of force systems, static equilibrium, friction, moments, and application to trusses. (Prerequisite: MATH 1910; Corequisite: PHYS 2110) F  
Course designed for transfer and part of the TN Transfer Pathways.

**ENGR 2120 Dynamics**

Credits: 3

Dynamics of particles and rigid bodies, kinematics, kinetics, Newton's laws, work and energy, and impulse and momentum. (Prerequisite: ENGR 2110) Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**ENGR 2130 Electrical Circuits 1 w/Lab**

Credits: 4

A course in the fundamental concepts of circuit analysis, including charge, current, voltage, power; conductance, resistance, capacitance, inductance and operational amplifiers; steady-state analysis of AC and DC circuits; mesh and nodal analysis; Ohm's law, Kirchhoff's laws, superposition, Thevenin and Norton theorems; RL and RC transients and computer circuit simulation; Laplace transforms; complete solution for transient analysis for circuits with one and two storage elements. Lab provides introduction to electrical and electric components, circuits, test equipment and measurement techniques. (Prerequisite: MATH 1920, 2010, MATH 2120). (MATH 2120 may be taken concurrently)

## Engineering Systems Technology

**ENST 1300 Technical Calculations (active, effective Summer 2020 Semester)**

Credits: 3

An application based course covering the basic technical calculations needed to solve problems that are typical to those encountered in industry on a daily basis. Su (Prerequisite: MATH 1130)  
Not part of a TN Transfer Pathway

**ENST 1320 Solidworks I**

Credits: 3

This course is an introductory course in 3-dimensional parametric modeling using Solidworks. The course covers 2-dimensional sketching and the basic tools used to convert 2-dimensional sketches into 3-dimensional models. Sp  
Not part of a TN Transfer Pathway  
Previously MECH 1140

**ENST 1350 Industrial Safety**

Credits: 3

This course includes the OSHA 30-hour General Industry Safety and Health content. Upon completion, attendees will receive a 30-hour course completion card. Students will also learn the requirements of general material handling and storage, as well as specifics in the storage, movement utilizing powered industrial trucks, combustibility issues of flammable materials, and handling and storage of non-compatible materials. Instruction in the conditions, operations and circumstances of fall protection systems and practices will be provided.

Not part of a TN Transfer Pathway

Previously MECH 1160

**ENST 1353 Quality and Inspection (active, effective Summer 2020 Semester)**

Credits: 3

Quality and inspection is designed to introduce students to the concepts of quality control and improvement, total quality management, and current methods used in industry to obtain accurate measurements of parts and components. Su (Prerequisite: ENST 1362)

Not part of a TN Transfer Pathway

**ENST 1354 Industrial Concepts (active, effective Summer 2020 Semester)**

Credits: 1

Industrial Concepts is designed to prepare students to function effectively in an industrial environment. Topics may include: career planning, professionalism, workplace ethics and the application of information technology and related materials. Su

Not part of a TN Transfer Pathway.

**ENST 1362 Industrial Equipment**

Credits: 3

This course covers the various service procedures, tools, instruments, and equipment necessary to diagnose and troubleshoot typical industrial equipment. Emphasis is placed on electromechanical and fluid power equipment troubleshooting. Root Cause Failure Analysis (RCFA), pumps, piping systems, calibration, and repair, including common techniques and procedures. An introduction to basic machine tool operation, safety and precision measuring instruments is provided; lecture 2 hours, lab 3 hours. F

## Financial Services

**FNCE 1310 Principles of Finance**

Credits: 3

The course examines financial theory and procedures required for the financial decision-making function of business organizations with, and specific examination of, subject matter related to leasing, dividend policy, capital structure, long-term financing, convertibles, and warrants. F, Sp

Not part of a TN Transfer Pathway

**FNCE 1320 Consumer Lending**

Credits: 3

This course examines the comprehensive overview of the consumer lending business. The emphasis will be focused on different credit products and also examine the consumer lending process from developing and taking loan applications to collection and recovery. The course will examine consumer loan information sources and the credit verification process. F, Sp

Not part of a TN Transfer Pathway

**FNCE 1330 Introductions to Investments**

Credits: 3

The course presents the various investment alternatives and provides information related to the economic forces that influence the pricing of financial assets as well as providing information related to financial markets and various techniques of security valuation and analysis with emphasis on stock markets and the understanding of portfolio diversification. F, Sp

Not part of a TN Transfer Pathway

**FNCE 2310 Money and Banking**

Credits: 3

Information is presented to allow the student to analyze the impact of money on some of the economy's key variables such as interest rates, inflation, and the banking industry. In addition, the roles that commercial banks and the Federal Reserve System play in the process of money creation and U.S. monetary policies. F, Sp

Not part of a TN Transfer Pathway

**FNCE 2320 Principles of Insurance**

Credits: 3

This course presents the principles of risk and risk bearing; insurance carriers; survey of principles of life, health and accident, fire, marine, and automobile insurance policies; government regulation of insurance. F, Sp  
Not part of a TN Transfer Pathway

**French****FREN 1010 Beginning French I**

Credits: 3

Elementary grammar, pronunciation, and conversation through textbooks supplemented by audio cassettes, filmstrips, computer programs, and videotapes. F

Roane State General Education course approved and designed for transfer. (TTP course)

**FREN 1020 Beginning French II**

Credits: 3

Continuation of Beginning French I. (Prerequisite: FREN 1010) Sp

Roane State General Education course approved and designed for transfer. (TTP course)

**FREN 2010 Intermediate French I**

Credits: 3

Advanced grammar and conversation through use of textbooks supplemented by audio cassettes, filmstrips, computer programs, videotapes, and selected readings. (Prerequisite: FREN 1020). Course availability determined by dean.

Roane State General Education course approved and designed for transfer. (TTP course)

**FREN 2020 Intermediate French II**

Credits: 3

Continuation of Intermediate French I. (Prerequisite: FREN 2010). Course availability determined by dean.

Roane State General Education course approved and designed for transfer. (TTP course)

**Geography****GEOG 2010 World Regional Geography**

Credits: 3

Selected world regions, especially those with problems or situations of contemporary interest, are used to illustrate geographical concepts, points of view, and techniques of analysis. F, Sp, Su

Roane State General Education course approved and designed for transfer.

**Geology****GEOG 1040 Physical Geology**

Credits: 4

An introduction to the physical processes acting within and upon the Earth's surface to create its many different features. Topics of interest include identification of minerals and rocks, plate tectonics, mountain building, volcanoes, stream activity, glaciation and regional landform development.

Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F

Roane State General Education course approved and designed for transfer.

**GEOG 1050 Historical Geology**

Credits: 4

The study of the Earth's physical and biological history as interpreted from the rock and fossil record. Topics include an introduction to fossils, evolution and ancient environments, stratigraphy, and a review of earth history. Each student is assessed a lab fee for this course. 3 hours lecture, 3 hours laboratory (GEOG 1040 is strongly recommended as a prerequisite) Sp

Roane State General Education course approved and designed for transfer.

## German

***GERM 1010* German I** Credits: 3

Essentials of German, developing and reading comprehensive, speaking and writing. Course availability determined by dean.  
Roane State General Education course approved and designed for transfer. (TTP course)

***GERM 1020* German II** Credits: 3

Continuation of Beginning German I. (Prerequisite: GERM 1010) Course availability determined by dean.  
Roane State General Education course approved and designed for transfer. (TTP course)

***GERM 2010* Intermediate German I** Credits: 3

Review of German grammar and a continuation of the approach used in GERM 1010 and 1020. Selected readings. (Prerequisite: GERM 1020)  
Course availability determined by dean.  
Roane State General Education course approved and designed for transfer. (TTP course)

***GERM 2020* Intermediate German II** Credits: 3

Continuation of Intermediate GERM 2010. (Prerequisite: GERM 2010) Course availability determined by dean.  
Roane State General Education course approved and designed for transfer. (TTP course)

## Geographic Information Systems

***GIS 101* Introduction to Geographic Information Systems** Credits: 4

An introductory course dealing with the basics of using computerized map information in science, education, social science, and business applications. Students will learn to organize their own projects using mapping software, spatial data, and a variety of geographic information technologies and tools. Business, education, and social science applications emphasize demographic data while scientific applications emphasize environmental and facility management issues. (Prerequisite: Working knowledge of Windows or Macintosh based PC systems). F, Sp  
Not part of a TN Transfer Pathway.

***GIS 105* Computer Cartography** Credits: 3

An introduction to the properties, uses, symbology design and computer production of maps. Covers the creation of cartographically correct hard copy, digital, interactive and animated maps using ESRI ArcGIS. F  
Not part of a TN Transfer Pathway.

***GIS 110* Geographic Database Technology** Credits: 3

Geographic Information Systems (GIS) need access to a great variety of data for decision making. This introductory course will cover major aspects of capturing, manipulating, and analyzing geographic and related data. Topics include hierarchical vs. flat-file databases, data tables, geographic objects and attributes, relational databases, geographic data organization, data conversions, import-export, and data quality assessment. The student will learn to construct queries using SQL and query-by-example tools to answer simple and more complex problems. Sp  
Not part of a TN Transfer Pathway.

***GIS 210* GPS and Digital Imagery** Credits: 3

Using Global Positioning System (GPS) technology, this course will introduce topics of data capture editing, registration and rectification to provide an image for the extraction of geographic data such as property boundaries, streets, streams and structures. Uses of GPS in this course are to provide reference points for registering and rectification of images, verifying and creating spatial data. F  
Not part of a TN Transfer Pathway.

**GIS 211 Internet Mapping Applications**

Credits: 3

This course provides the foundation for distributing high-end GIS and mapping services via the internet. Students will learn how to design web based applications for integrating local and internet spatial data sources for query, display and analysis in a user friendly web browser. Sp  
Not part of a TN Transfer Pathway.

**GIS 220 GIS Network and Demographic Applications**

Credits: 3

The student will focus on developing a coherent framework for using the vast quantities of data made available by government and other sources along with his/her own data. The student will explore multiple views of a single issue or set of information by looking for new possibilities. (Prerequisites: GIS 101 and GIS 110). Sp  
Not part of a TN Transfer Pathway.

**GIS 230 GIS Project Management**

Credits: 3

Students in this course will plan, schedule and execute a professional level GIS team project for an outside client. Course objectives include project planning, resource budgeting, project documentation, Q/A, deliverable preparation and team work. (Prerequisite: GIS 101). Sp  
Not part of a TN Transfer Pathway.

**GIS 251 Seminar in Geographic Information Systems**

Credits: 1 TO 4

Special topics in GIS. Check with your advisor for courses available each semester.  
Not part of a TN Transfer Pathway.

**GIS 260 Seminar in GIS II**

Credits: 1

This course is a continuation of GIS 251, Seminar in GIS. A combination of GIS 251 and GIS 260 will substitute for GIS 1010, Introduction to GIS for Dual Enrollment students.

**GIS 290 Directed Research Project**

Credits: 4

This capstone course will consolidate the student's learning experiences in geographic information systems technology. Students will develop and complete an original, comprehensive project that encompasses geographic and computer mapping fundamentals learned in previous courses. (Prerequisite: Permission of the instructor) Su  
Not part of a TN Transfer Pathway.

## Healthcare Doc Specialist

**HCDS 1210 Technology Concepts in Healthcare Documentation**

Credits: 2

This coursework is designed to introduce the student to word processing applications and related technologies and to develop computer skills and proficiency. It is designed to study, synthesize, and apply technologies used in healthcare documentation. (2 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program. Formerly HCDS 1110.  
Not part of a TN Transfer Pathway.

**HCDS 1218 Technology Concepts in Healthcare Documentation II**

Credits: 2

A study of advanced Microsoft Word features designed to improve efficiency and accuracy of transcribed reports. Additional topics of study include electronic research techniques, electronic references and resources, troubleshooting, security issues, and related technologies. Practice with typing tutorial software to further increase speed and accuracy. (2 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program. Formerly HCDS 2118.  
Not part of a TN Transfer Pathway.

**HCDS 1302 Medical Terminology I**

Credits: 3

A study of medical terminology word elements including prefixes, suffixes and root words. Diagnostic, clinical, laboratory, pharmaceutical and surgical terms are also learned as they pertain to each body system. (3 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 1102.

Not part of a TN Transfer Pathway.

**HCDS 1303 Anatomy Concepts in Healthcare Documentation**

Credits: 3

This course provides an introduction to the organization of the human body as well as a study of the anatomical structures and basic physiology of body systems. (3 lecture hours/week). Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 1103.

Not part of a TN Transfer Pathway.

**HCDS 1305 Healthcare Document Specialist Procedures**

Credits: 3

Emphasis is placed on healthcare documentation standards according to the AHDI Book of Style for Medical Transcription. A general overview of fundamental grammar concepts, capitalization, and punctuation usage relative to clinical documentation is provided. This course also includes an introduction to the content of the medical record, medicolegal issues, and regulatory agency requirements as they relate to the practice of medical transcription. (3 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 1105.

Not part of a TN Transfer Pathway.

**HCDS 1312 Clinical Education**

Credits: 3

Transcription practice and speech recognition editing of authentic physician dictation provided by a medical facility or transcription service. (15 lecture hours/240 clinical hours/semester) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 2112.

Not part of a TN Transfer Pathway.

**HCDS 1320 Medical Terminology II**

Credits: 3

A study of advanced anatomical terms, disease processes and associated pathology, laboratory, and radiology terminology. Common surgical terms, techniques, equipment, and instrumentation are also studied. (3 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 2120.

Not part of a TN Transfer Pathway.

**HCDS 1325 Pharmacology Concepts in Healthcare Documentation**

Credits: 3

A study of pharmacology including the correct spelling, pronunciation, classification and therapeutic use of commonly prescribed drugs, routes of administration, and general pharmacology terminology. (3 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program.

Formerly HCDS 2125.

Not part of a TN Transfer Pathway.

**HCDS 1350 Special Topics Healthcare Documentation**

Credits: 3

Special topics may include the transcription of authentic medical dictation at an intermediate and/or advanced level to satisfy the total number of minutes required for program completion. Other transcription-related topics may be included such as speech recognition editing, transcription of ESL physician dictation, RHDS exam review, etc. (Elective) 1 hr lecture and 8 hours lab/week. Formerly HCDS 2150.

Not part of a TN Transfer Pathway.

**HCDS 1504 Healthcare Documentation Specialist I**

Credits: 5

Transcription practice of basic healthcare dictation incorporating skills in English language, technology, medical knowledge, proofreading, editing and research, while meeting progressively demanding accuracy standards. (18 laboratory hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program. Formerly HCDS 1104.

Not part of a TN Transfer Pathway.



**HCDS 1511 Healthcare Doc Specialist II**

Credits: 5

Transcription of intermediate and advanced original healthcare dictation using advanced proofreading, editing, and research skills, while meeting progressively demanding accuracy and productivity standards. This course also provides an introduction to speech recognition editing. (18 laboratory hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program. Formerly HCDS 2111.  
Not part of a TN Transfer Pathway.

**HCDS 2125 Pharm Concept. Healthcare Doc**

Credits: 3

A study of pharmacology including the correct spelling, pronunciation, classification and therapeutic use of commonly prescribed drugs, routes of administration, and general pharmacology terminology. (3 lecture hours/week) Prerequisite: Acceptance into the Healthcare Documentation Specialist Program. Formerly MDT 125.  
Not part of a TN Transfer Pathway.

**Health****HEA 131 Elementary Nutrition**

Credits: 2

Applying principles of nutrition in the selection of food for health promotion and maintenance. F, Sp  
Not part of a TN Transfer Pathway.

**HEA 201 Principles of Nutrition**

Credits: 3

This course emphasizes the function, food sources, recommended intake, and assimilation of each of the six nutrient classes. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**HEA 221 Safety, First Aid and CPR**

Credits: 3

This course will provide the knowledge and skills necessary to sustain life, reduce pain and minimize the consequences of illness or injury until medical help arrives. Upon satisfactory course completion, students will receive certificates for First Aid and Adult, Infant and Child CPR. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**HEA 224 Personal Trainer Certification**

Credits: 4

This is a preparation course designed as a study guide for successfully passing the National Council of Strength and Fitness (NCSF) national personal trainer certification tests. This course is based on the NCSF preparation course. F, Sp  
Not part of a TN Transfer Pathway.

**HEA 225 Care and Prevention of Athletic Injuries**

Credits: 3

The student will develop a knowledge of prevention, treatment, and basic rehabilitation of common athletic injuries as commonly seen at the interscholastic level of competition. In addition, the student will be exposed to negligence and liability issues in respect to athletic injuries. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**HEA 227 Introduction to Exercise Science**

Credits: 3

This course is designed to help students appreciate the importance of physical activity, to introduce the discipline of kinesiology and help students understand its relationship to physical activity, and to expand student knowledge of physical activity professions. F, Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**HEA 241 School Health**

Credits: 2

This course for prospective teachers is designed to investigate current school health issues. This course will include health instruction, health services and healthful school environment. Sp  
Not part of a TN Transfer Pathway.

## Health Information Mgt

### **HIMT 1201 Medical Office Procedures**

Credits: 2

An introduction to business aspects of a medical practice including third party payers, claims filing and processing, accounting and payroll functions. 2 lecture hrs/week. Sp (Prerequisites: Admission into the HIM or Medical Informatics program, HIMT 1301, HIMT 1303. Not part of a TN Transfer Pathway.

### **HIMT 1300 Medical Terminology**

Credits: 3

An introductory study of medical terminology utilizing the body systems approach including anatomy and physiology, and disease process, laboratory/ pathology terms, pharmacology concepts, terms and abbreviations. (3 lecture hours/week) Open Enrollment course for students in any major. F, Sp  
Not part of a TN Transfer Pathway.

### **HIMT 1301 Introduction to Health Information Management**

Credits: 3

This course is designed to introduce students to the principles of Health Information Management. The development, content and management of the medical record will be explored as well as a basic overview of the healthcare delivery system. Emphasis is placed on hospital and medical staff organization; patient record content; procedures in filing, numbering, and retention of patient records; quantitative analysis; release of patient information; forms control and design; indexes and registers; regulatory and accrediting agencies; and the transition to an electronic health record. (3 lecture hours/week) An open enrollment course for students in any major. F, Sp  
Not part of a TN Transfer Pathway.

### **HIMT 1302 HIM Legal Aspects**

Credits: 3

This course provides an understanding of the legal principles that govern health information and the health record as a legal document. Emphasis is placed on key concepts including: the court system, medical staff, nursing staff, governing board, and their functions and responsibilities. Confidentiality, release of information, informed consent, patient rights, record retention, and an in-depth review of HIPAA will be studied and practiced. Course focus includes current trends in health legislation such as healthcare fraud, federal and state required reporting. 3 hrs lecture/week. F, Sp (Prerequisite: ENGL 1010) An open enrollment course available to students in any major.  
Not part of a TN Transfer Pathway.

### **HIMT 1303 Basic ICD Coding I**

Credits: 3

This course is a study of diagnosis coding and classifications systems used in classification and conditions, injuries and diseases employed to organize medical information for future retrieval. The current International Classification of Diseases is emphasized including its use of the prospective payment systems. Students will learn to apply Official coding Guidelines in health record coding. Other topics include Uniform Hospital International Discharge Data Set (UHDDS), reimbursement in prospective payment systems and introduction to procedure classification systems. Prerequisite: Acceptance into HIM Program. Pre or Co-requisite: BIOL 2010. 3 hrs lecture/week. F  
Not part of a TN Transfer Pathway.

### **HIMT 1305 Computer Applications in Health Information**

Credits: 3

This course instructs students on health data structure, content and standards; information and communication technologies including uses of hardware, software, spreadsheets, databases, networks, electronic health records, personal health records, data storage and retrieval, data security; selection and implementation of healthcare information systems. The student will utilize several different software applications related to health records up to or including spreadsheets, database applications, data analytics, electronic health records, chart deficiencies, master patient index, chart locator, abstracting, and release of information software. 3 lecture hrs/week. Sp (Prerequisites: Acceptance into the HIM program, INFS 1010 or equivalent)  
Not part of a TN Transfer Pathway.

### **HIMT 1401 Disease Processes**

Credits: 4

This course is an introduction to disease processes in the human body with emphasis on the etiology, signs, symptoms, diagnostic aids and findings, surgical treatment, medications, and treatments, including surgical procedure. 4 lecture hrs/week. F (Prerequisite: BIOL 2010; Pre or Corequisite: BIOL 2020) An open enrollment course open to students in any major.  
Not part of a TN Transfer Pathway.

**HIMT 2110 HIM Independent Study**

Credits: 1

This course focuses on advanced topics in health information management. 1 lecture hr/week. (Prerequisite: Permission of program director) Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**HIMT 2208 Professional Practice Experience II**

Credits: 2

A study of supervisory and management functions with focus on planning, organizing, staffing, directing, and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train, and communicate with staff in health information services. Students will meet objectives through assignment to a health care facility on or through the use of virtual simulation projects. 90 hrs clinical experience/semester. Sp (Prerequisites: HIMT 2307)  
Not part of a TN Transfer Pathway.

**HIMT 2210 HIM Independent Study**

Credits: 2

This course focuses on advanced topics in health information management. 2 lecture hrs/week. (Prerequisite: Permission of program director) Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**HIMT 2211 Quality Improvement**

Credits: 2

This course is designed to focus on quality improvement, information integrity, information governance, and clinical documentation improvement in a variety of healthcare settings. Emphasis will be placed on implementation of a quality improvement model, tools, techniques and activities of acute care hospitals, hospital outpatient and emergency departments, ambulatory care settings, and other healthcare facilities. Leadership and team building skills will be promoted. Quality improvement as it relates to policies and procedures for use of data required to ensure organization compliance with regulations and standards will all be addressed. Prerequisite: Acceptance into HIM program and HIMT 1301. 2 lecture hrs/wk. F,  
Not part of a TN Transfer Pathway.

**HIMT 2212 Seminar in Health Information Management**

Credits: 2

This is a capstone course culminating in fundamental and comprehensive review of the domains, subdomains and tasks for entry-level registered health information technician competencies. Students will take mock registration exams for self-evaluation of domains, subdomains and tasks. 2 lecture hrs/wk. Sp (Prerequisites: Admission into the HIM program, HIMT 1301, HIMT 2301, HIMT 2302; Pre or Corequisite: HIMT 2307)  
Not part of a TN Transfer Pathway.

**HIMT 2301 CPT Coding**

Credits: 3

This course covers the basic principles of coding with Current Procedural Terminology (CPT) coding system including structure and rules. Instruction will also be given in use of HCPCS Level II coding including structure and rules. The use of these coding systems will be studied as they are used in reporting of reimbursable medical services and procedures performed by physicians. Prerequisites: Acceptance into HIM Program, HIMT 1300, HIMT 1301, HIMT 1303. 3 lecture hrs/week. Sp  
Not part of a TN Transfer Pathway.

**HIMT 2302 Basic ICD Coding II**

Credits: 3

This course is a study of procedural coding and classification system used in classification of medical procedures and employed to organize medical information for future retrieval. Application of the current International Classification of Diseases Official Coding Guidelines as related to procedure coding will be addressed. Assignment of current coding and classification codes based on documentation will be practiced. Prerequisite: Acceptance into HIM Program, HIMT 1303. 3 hrs lecture/week, Sp  
Not part of a TN Transfer Pathway.

**HIMT 2303 Advanced Coding**

Credits: 3

This course focuses on advanced topics in diagnosis and procedural coding including the current ICD Coding system and CPT/HCPCS. The course will concentrate on application of Official Coding Guidelines, development of diagnosis sequencing skills, and understanding of advanced coding principles including the clinical documentation improvement function. Determination of APCs and MS-DRGs will also be practiced using the computerized coding and grouping software. Prerequisite: Acceptance into HIM Program, HIMT 2301, HIMT 2302. 3 lecture hrs/week. F  
Not part of a TN Transfer Pathway.

**HIMT 2304 HIM Management Principles**

Credits: 3

A study of supervisory and management functions with focus on planning, organizing, staffing, directing, and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train, and communicate with staff in health information services. 3 lecture hrs/week. F (Prerequisites: Admission into the HIM program, HIMT 1303)  
Not part of a TN Transfer Pathway.

**HIMT 2305 Revenue Cycle Management**

Credits: 3

This course focuses on advanced topics in healthcare reimbursement. The course includes an introduction to third party payers, revenue cycle management and chargemaster development and administration. It also focuses on principles of healthcare reimbursement including health insurance plans, government-sponsored healthcare programs, managed care plans, fee schedules, resource based relative value system for physician payment and prospective payment for various healthcare settings. 3 lecture hrs/week. Sp (Prerequisites: Admission into the HIM program, HIMT 2302, HIMT 2304)  
Not part of a TN Transfer Pathway.

**HIMT 2307 Professional Practice Exp I**

Credits: 3

This course provides opportunities for students to relate classroom theory to actual functions of health information, such as assembly and record analysis, medico legal procedures, information retention, filing and retrieval, and the use of technology. Students will meet objectives through assignment to a healthcare facility or through the use of virtual simulation projects. Prerequisite: Acceptance into HIM program, HIMT 2301, HIMT 2302. 135 hours clinical experience/semester. Sp  
Not part of a TN Transfer Pathway.

**HIMT 2309 Data Analysis and Statistics**

Credits: 3

This course instructs students in health data collection, commonly used healthcare statistical computations and interpretation, presentation and reporting of data, indices, databases and registries along with statistics computed for daily operations of the health information management department. This course also includes basic research principles along with purpose of Institutional Review Board and its role in research. Prerequisite: Acceptance into HIM Program, HIMT 1301, HIMT 1303. 3 hours lecture/week. Sp  
Not part of a TN Transfer Pathway.

**HIMT 2310 HIM Independent Study**

Credits: 3

This course focuses on advanced topics in health information management. 3 lecture hrs/week. (Prerequisite: Permission of program director) Course availability determined by program director.  
Not part of a TN Transfer Pathway.

## History

**HIST 2010 Early United States History**

Credits: 3

An exploration and analysis of major themes and events in the political, cultural, social, economic, and intellectual history of the United States to 1877. (Pre- or corequisite: ENGL 1010) F, Sp, Su  
Roane State General Education course approved and designed for transfer. (TTP Course)

**HIST 2020 Modern United States History**

Credits: 3

An exploration and analysis of major themes and events in the political, cultural, social, economic and intellectual history of the United States since 1877. (Pre- or corequisite: ENGL 1010) F, Sp, Su  
Roane State General Education course approved and designed for transfer. (TTP Course)

**HIST 2030 Tennessee History**

Credits: 3

This course is a general survey and analysis of the history of the state of Tennessee from the beginning of statehood in 1796 to about 1990. There is also a pre-statehood component that examines Native American history in the region (with an emphasis on the Cherokees) and the history of exploration and early settlement. Accepted for history sequence requirement at UTK, UTC, and MTSU. (Pre- or corequisite: ENGL 1010) Course availability determined by dean.  
Roane State General Education course approved and designed for transfer.

**HIST 2210 Early Western Civilization**

Credits: 3

A general survey of the major political, social, economic, and cultural developments in Western Civilization from the Ancient World to 1715. Emphasis on the Greek World, the Roman Empire, feudal Europe, Renaissance, Reformation, constitutional monarchy in England in the 17th century and the triumph of absolute monarchy in France under Louis XIV. (HIST 2210 and HIST 2220 can be taken in any order. Pre- or corequisite: ENGL 1010.) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

Formerly HIST 1010 Survey of Western Civilization I

**Effective 2020 Summer Semester, the following will be changing for HIST 2210:**

The course description is changing to: A general survey of the major political, social, economic, and cultural developments in Western Civilization from the Ancient World to 1715. Emphasis on the Greek World, the Roman Empire, feudal Europe, Renaissance, Reformation, constitutional monarchy in England in the 17th century and the triumph of absolute monarchy in France under Louis XIV. (HIST 2210 and HIST 2220 can be taken in any order. Pre- or corequisite: ENGL 1010.) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

**HIST 2220 Modern Western Civilization**

Credits: 3

A general survey of the major political, social, economic, and cultural developments in Western Civilization from 1715 to the present. Emphasis on the Enlightenment, French Revolution and Napoleon, national unification of Germany and Italy, world wars of the 20th century, Russian Revolution, and post-1945 Europe. HIST 2210 and HIST 2220 can be taken in any order. (Pre- or corequisite: ENGL 1010) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

Formerly HIST 1020 Survey of Western Civilization II

**Effective 2020 Summer Semester, the following will be changing for HIST 2220:**

The course description is changing to: A general survey of the major political, social, economic, and cultural developments in Western Civilization from 1715 to the present. Emphasis on the Enlightenment, French Revolution and Napoleon, national unification of Germany and Italy, world wars of the 20th century, Russian Revolution, and post-1945 Europe. HIST 2210 and HIST 2220 can be taken in any order. (Pre- or corequisite: ENGL 1010) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

**HIST 2310 Early World History**

Credits: 3

The study of human history from prehistory to c. 1500 A.D., covering the beginnings of civilization c. 3000 B.C. and investigating the economic, social, political, and cultural institutions developed by humans prior to the beginning of European expansion. (HIST 2310 and HIST 2320 can be taken in any order. Pre- or corequisite: ENGL 1010) F

Roane State General Education course approved and designed for transfer. (TTP course)

Formerly HIST 1210 Survey of World History I

**Effective 2020 Summer Semester, the following will be changing for HIST 2310:**

The course description is changing to: The study of human history from prehistory to c. 1500 A.D., covering the beginnings of civilization c. 3000 B.C. and investigating the economic, social, political, and cultural institutions developed by humans prior to the beginning of European expansion. (HIST 2310 and HIST 2320 can be taken in any order. Pre- or corequisite: ENGL 1010) F

Roane State General Education course approved and designed for transfer. (TTP course)

**HIST 2320 Modern World History**

Credits: 3

The study of human history from c. 1500 A.D. (shortly after Europeans began their expansion) to the present, and including the investigation of the economic, social, political, and cultural institutions developed by humans both in response to European expansion and independent of European influence. (HIST 2310 and HIST 2320 can be taken in any order. Pre- or corequisite: ENGL 1010) Sp

Roane State General Education course approved and designed for transfer. (TTP course)

Formerly HIST 1220 Survey of World History II

**Effective 2020 Summer Semester, the following will be changing for HIST 2320:**

The course description is changing to: The study of human history from c. 1500 A.D. (shortly after Europeans began their expansion) to the present, and including the investigation of the economic, social, political, and cultural institutions developed by humans both in response to European expansion and independent of European influence. (HIST 2310 and HIST 2320 can be taken in any order. Pre- or corequisite: ENGL 1010) Sp

Roane State General Education course approved and designed for transfer. (TTP course)

## Health Unit Coordinator

### *HUCR 1010* Health Unit Coordinator Procedures

Credits: 3

A study of health unit coordinator personal and professional skills including the role of communicator and liaison between the patient, nursing staff, physicians, and ancillary departments. This course also provides a study of health unit coordinator responsibilities in an acute care facility medical unit including the processing of doctors' orders for scheduling diagnostic tests, procedures, treatment modalities, etc. for patients. 3 lecture hours/week

(Prerequisites: 1. Graduate of an Allied Health Sciences certificate program; or 2. Currently employed as a Health Unit Coordinator or related position (proof of employment is required); or 3. Graduate of a Tennessee Technology Center health-related program of study (transcripts must be provided); or 4. By permission of the program director.)

Not part of a TN Transfer Pathway.

### *HUCR 1020* Health Unit Coordinator Clinical Practicum

Credits: 2

Students will participate in supervised health unit coordinator practice in a healthcare facility. (Prerequisites: 1. Graduate of an Allied Health Sciences certificate program; or 2. Currently employed as a Health Unit Coordinator or related position (proof of employment is required); or 3. Graduate of a Tennessee Technology Center health-related program of study (transcripts must be provided); or 4. By permission of the Healthcare Documentation Specialist program director.) 150 hours total/semester

Not part of a TN Transfer Pathway.

## Humanities

### *HUM 1010* Early Humanities

Credits: 3

The course is a survey of the art, architecture, literature, music and philosophy of various Eastern and Western civilizations from pre-history to the contemporary period. Roane State General Education Course approved and designed for transfer. F, Sp

### *HUM 261* Humanities Seminar

Credits: 1 TO 3

This course is designed for those students who are interested in pursuing an in-depth study of some particular humanities problem. Course availability determined by dean.

Not part of a TN Transfer Pathway.

## Information Systems

### *INFS 1010* Computer Applications

Credits: 3

Computer Applications is an examination of the development of computing technology and terminology. Topics include: identification of the functional components of a computer system; using word processing, spreadsheet, and presentation graphics; the proper handling of computer media; and an exploration of the uses of electronic mail and graphical internet. F, Sp, Su

Course designed for transfer and part of the TN Transfer Pathways.

## International Studies

### *INTL 1010* Introduction to Global Studies

Credits: 3

This is an interdisciplinary course that approaches global topics from the perspective of various disciplines while analyzing the impacts of globalization on peoples' values and lives. Students will increase their knowledge of global social and cultural institutions, political and economic processes at work in the world, and changes that science and technology are making and have made on the world we live in. The course is designed to enhance the students' appreciation of other cultures and their awareness of personal and ethical responsibilities as global citizens. F, Sp

Roane State General Education course approved and designed for transfer.

## Legal Assistant/Paralegal

### **LEGL 1300 Introduction to Paralegal Studies & Ethics**

Credits: 3

An introduction to the work performed by paralegals, regulation of the profession, legal and paralegal ethics, structure of the court systems and survey of substantive areas of law. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Formerly LAW 101 Introduction to the Legal Profession and Legal Ethics

Not part of a TN Transfer Pathway.

#### **Effective 2020 Summer Semester, the following will be changing for LEGL 1300:**

The course description is changing to: An introduction to the work performed by paralegals, regulation of the profession, legal and paralegal ethics, structure of the court systems and survey of substantive areas of law. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Not part of a TN Transfer Pathway.

### **LEGL 1305 Survey of American Law**

Credits: 3

Legislation, administrative process; government regulation of business, anti-trust, and consumer law; torts; contracts; investigations; domestic relations; wills, estates, trusts, real property. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Formerly LAW 102

Not part of a TN Transfer Pathway.

#### **Effective 2020 Summer Semester, the following will be changing for LEGL 1305:**

The course description is changing to: Legislation, administrative process; government regulation of business, anti-trust, and consumer law; torts; contracts; investigations; domestic relations; wills, estates, trusts, real property. (Prerequisite: Completion of Reading Learning Support, if applicable.) F, Sp

Not part of a TN Transfer Pathway.

### **LEGL 1315 Technology in the Law Office**

Credits: 3

An introduction to computer hardware and software applications commonly used in the law office. (Prerequisite: Completion of Reading Learning Support, if applicable.) Sp

Formerly LAW 212 Law Office Technology

Not part of a TN Transfer Pathway.

#### **Effective 2020 Summer Semester, the following will be changing for LEGL 1315:**

The course description is changing to: An introduction to computer hardware and software applications commonly used in the law office.

(Prerequisite: Completion of Reading Learning Support, if applicable.) Sp

Not part of a TN Transfer Pathway.

### **LEGL 1320 Legal Research**

Credits: 3

An introduction to principles of legal research including traditional and online resources. (Prerequisite: Completion of any Reading or Writing Learning Support requirements, if applicable.)

Formerly LAW 140

Not part of a TN Transfer Pathway.

#### **Effective 2020 Summer Semester, the following will be changing for LEGL 1320:**

The course description is changing to: An introduction to principles of legal research including traditional and online resources. (Prerequisite: Completion of any Reading or Writing Learning Support requirements, if applicable.)

Not part of a TN Transfer Pathway.

**LEGL 1330 Legal Writing**

Credits: 3

An introduction to skills necessary to create written documents used in the legal workplace. (Prerequisite: LEGL 1320 or permission of the program director.) Sp

Formerly LAW 150

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 1330:**

The course description is changing to: An introduction to skills necessary to create written documents used in the legal workplace. (Prerequisite: LEGL 1320 or permission of the program director.) Sp

Not part of a TN Transfer Pathway.

**LEGL 1340 Family Law**

Credits: 3

An introduction to the substantive and procedural laws in family law with emphasis on paralegal tasks. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F

Formerly LAW 201 Domestic Relations

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 1340:**

The course description is changing to: An introduction to the substantive and procedural laws in family law with emphasis on paralegal tasks.

(Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F

Not part of a TN Transfer Pathway.

**LEGL 1350 Torts**

Credits: 3

An introduction to state and federal law applicable to civil injury and property damage. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F

Formerly LAW 160

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 1350:**

The course description is changing to: An introduction to state and federal law applicable to civil injury and property damage. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F

Not part of a TN Transfer Pathway.

**LEGL 1360 Criminal Law**

Credits: 3

Survey of state and federal law of crimes and criminal procedure and the paralegal's role in criminal cases. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp

Formerly LAW 170

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 1360:**

The course description is changing to: Survey of state and federal law of crimes and criminal procedure and the paralegal's role in criminal cases.

(Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp

Not part of a TN Transfer Pathway.



**LEGL 1370      Trusts & Estates**

Credits: 3

An introduction to estate planning and administration and the paralegal's role in the probate area. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Formerly LAW 231 Estates & Trust I  
Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 1370:**

The course description is changing to: An introduction to estate planning and administration and the paralegal's role in the probate area. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Not part of a TN Transfer Pathway.

**LEGL 2315      Legal Environment of Business for Paralegal**

Credits: 3

Philosophy and history of law; legal decision making; the American judicial system; business organizations; civil procedure; role of legal assistants and ethical and professional standards. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Formerly LAW 235 Legal Environment for Business  
Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 2315:**

The course description is changing to: Philosophy and history of law; legal decision making; the American judicial system; business organizations; civil procedure; role of legal assistants and ethical and professional standards. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Not part of a TN Transfer Pathway.

**LEGL 2340      Property Law**

Credits: 3

Study of real estate law including estates in land, concurrent ownership, and transactions involving the sale and lease of real property. Emphasis placed on information gathering, title search, and preparation of documents used in basic real estate transactions, file management, and real estate closings. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Formerly LAW 241 Real Property  
Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 2340:**

The course description is changing to: Study of real estate law including estates in land, concurrent ownership, and transactions involving the sale and lease of real property. Emphasis placed on information gathering, title search, and preparation of documents used in basic real estate transactions, file management, and real estate closings. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) Sp  
Not part of a TN Transfer Pathway.

**LEGL 2380      Civil Litigation Skills I**

Credits: 3

An introduction to civil litigation and practices in federal and state courts and practical law office skills. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F  
Formerly LAW 221 Civil Trial and Appellate Practice I  
Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for LEGL 2380:**

The course description is changing to: An introduction to civil litigation and practices in federal and state courts and practical law office skills. (Prerequisites: LEGL 1300 and LEGL 1305 or permission of the program director.) F  
Not part of a TN Transfer Pathway.

**LEGL 2390      Legal Internship**

Credits: 3

Supervised practical experience in a legal environment in which the student is assigned definite paralegal tasks and responsibilities. Classroom instruction is arranged to support the field experience. (Prerequisites: Completion of LEGL 1300, 1305, 1320, 1330 and 6 additional credit hours of LEGL courses and permission of the program director.) Su  
Not part of a TN Transfer Pathway.

## Mammography

### **MAM 110 Principles of Mammography**

Credits: 3

This course covers the basic principles of anatomy, physiology, and pathology as well as positioning and procedures. Other topics include patient interactions and management, equipment operation, and quality assurance. 3 lecture hours/week.  
Not part of a TN Transfer Pathway.

### **MAM 115 Clinical Practicum I**

Credits: 2

This course is designed for students to participate in mammography radiographic examinations under approved supervision in the clinical setting. Students will obtain experience concerning the proper use of radiographic equipment, along with the development of skills in positioning, patient care, image analysis, and radiation safety practices. Students must complete and document a minimum of 75 mammographic examinations (screening and/or diagnostic) in addition to the 25 examinations that are required by the Mammography Quality Standards Act (MQSA). 240 total clinical hours (Co-requisite: MAM 110).  
Not part of a TN Transfer Pathway.

## Massage Therapy

### **MASS 1101 Student Massage Clinic**

Credits: 1

Under supervision, students will provide relaxation massage for person's from outside the massage therapy classes. Students will demonstrate the ability to plan, organize and perform effective massages for therapeutic benefit. Students will be responsible for scheduling clients, managing records, collecting fees, balancing daily money sheets, evaluating performance and set up/break down of assigned massage rooms. Prerequisite: Acceptance into the Massage Therapy Program. (45 total contact hours)  
Not part of a TN Transfer Pathway.

### **MASS 1102 Clinical Fieldwork**

Credits: 1

Fieldwork externships are a valuable opportunity to work in professional massage settings under the direct supervision. Students must document at least 60 hours of massage practice in four (4) different professional settings working on other massage professionals, business clients and/or medical patients. Prerequisite: Acceptance into the Massage Therapy Program. (60 total clinic hours)  
Not part of a TN Transfer Pathway.

### **MASS 1201 Massage Business, Professionalsim, & Communication**

Credits: 2

Designed for a student who plans to work as an employee, a self-employed independent contractor or an employer of other massage therapists, this course will cover basics of business record keeping, taxes, insurance, contracts, job applications, and legal business structures for business. Promotional materials and methods of practice building will also be emphasized. They will learn to write clear, concise and accurate clinical documentation. Students will describe the components of a therapeutic environment, the importance of professional communication, scheduling, time management, and managing stressors and burnout. Prerequisite: Acceptance into the Massage Therapy Program. (2 lecture hours/week)  
Not part of a TN Transfer Pathway.

### **MASS 1205 Special Topics in Massage Therapy (active, effective Summer 2020 Semester)**

Credits: 2

An in depth study of a particular topic related to massage therapy by a qualified student under the supervision of a faculty member. Not part of the Massage Therapy Program of Study. Course is offered on demand. (Prerequisite: Licensed massage therapist in any state and consent of the program director)  
Not part of a TN Transfer Pathway

### **MASS 1301 TN Massage Law & Practice Ethics**

Credits: 3

Students will begin to develop professional boundaries by studying prevailing statutes, rules and regulations governing Massage Therapy in the State of Tennessee. Various Codes of ethics will be examined and Students will be expected to apply gained knowledge to real life dilemmas in massage practices. This course will cover TN Ethical Standards as they relate to massage therapy and scope of practice for massage therapists. Coursework will include completing most elements in an application for a Tennessee Massage Therapist License and understanding the rules of the Tennessee Board of Massage regulating the practice of massage therapy. Prerequisite: Acceptance into the Massage Therapy Program. (3 lecture hours/week)  
Not part of a TN Transfer Pathway

**MASS 1302 Swedish Massage**

Credits: 3

Students will learn the history and techniques of Swedish Massage, which serves as a foundation for the development of Western styles of massage. Through extensive hands-on practice students will develop skillful pressure, pacing, and sequencing in the application of these techniques. Students will master one effective routine for relaxation massage. Efficient and effective body mechanics will be emphasized. Prerequisite: Acceptance into the Massage Therapy Program. (1 lecture hour/week and 5 lab hours/week)

Not part of a TN Transfer Pathway.

**MASS 1303 Massage for Special Populations**

Credits: 3

Students will learn contraindications, precautions, special positioning & techniques appropriate for various special populations that have special needs, conditions, and/or situations. An array of populations may be explored that may include, but not be limited to pregnant women, the elderly, athletes, cancer patients, AIDS patients, persons with mobility challenges that may require seated/chair massage. Students will explore ways of adapting and adjusting their massage techniques, pressure usage, timing, and pace to meet the unique needs of various special populations. Prerequisite: Acceptance into the Massage Therapy Program. (2 hours of lecture/week and 1 hour of lab/week)

Not part of a TN Transfer Pathway.

**MASS 1304 Overview of Somatic Therapies**

Credits: 3

Licensure in the Massage Therapy field requires a graduate to pass a national competency exam. This course takes students through an overview of materials covered in the previous nine months, provides an opportunity to explore exam study strategies, exam-taking strategies, and will ensure that all required standard competencies were addressed. Students will be encouraged to search out and utilize additional exam preparation materials available on the internet. Prerequisite: Acceptance into the Massage Therapy Program. (2 lecture hours/week and 1 lab hour/week)

Not part of a TN Transfer Pathway.

**MASS 1305 Special Topics in Massage Therapy (active, effective Summer 2020 Semester)**

Credits: 3

An in depth study of a particular topic related to massage therapy by a qualified student under the supervision of a faculty member. Not part of the Massage Therapy Program of Study. Course is offered on demand. (Prerequisite: Licensed massage therapist in any state and consent of the program director)

Not part of a TN Transfer Pathway

**MASS 1401 Fundamentals of Muscle Anatomy**

Credits: 4

Students will learn musculoskeletal anatomy, kinesiology, palpation and assessment of the major muscles in the body. Coursework may include building the muscles in clay, finding the muscles and attachment sites in the student's own body and/or palpating them in other students. Assessment of muscle tone and beginning skills in manual release of specific muscle tension will be emphasized. Prerequisite: Acceptance into the Massage Therapy Program. (2 lecture hour and 6 laboratory hours/week)

Not part of a TN Transfer Pathway.

**MASS 1402 Medical Massage Therapies**

Credits: 4

Students will apply knowledge of pain patterns, posture distortions, trigger points, fascial restrictions and contraindications to choose effective techniques for clients seeking relief from myofascial pain. Students will use SOAP Notes, Client Reports, and supplemental forms to document sessions with clients. In a brief letter to a hypothetical physician, students will demonstrate ability to communicate theory, assessment & practical application information. Students will locate and evaluate information & research related to massage therapy for myofascial pain. Prerequisite: Acceptance into the Massage Therapy Program. (2 hours of lecture/week and 6 hours of lab/week)

Not part of a TN Transfer Pathway.

**MASS 1405 Special Topics in Massage Therapy (active, effective Summer 2020 Semester)**

Credits: 4

An in depth study of a particular topic related to massage therapy by a qualified student under the supervision of a faculty member. Not part of the Massage Therapy Program of Study. Course if offered on demand. (Prerequisite: Licensed massage therapist in any state and consent of the program director)

Not part of a TN Transfer Pathway

**MASS 1601 Principles of Physiology & Pathology**

Credits: 6

Students will learn basic anatomy and physiology of the major body systems. Within each body system this course will cover pathologies that massage therapists may commonly encounter. Emphasis will be on understanding the impact of massage techniques on normal physiology as well as on selected pathologies and medications. Prerequisite: Acceptance into the Massage Therapy Program. (6 lecture hours/week)

Not part of a TN Transfer Pathway

## Mathematics

### **MATH 0010 Mathematical Principles for General Studies**

Credits: 3

MATH 0010 is a co-requisite course for MATH 1010, Math for General Studies, for students with Learning Support Mathematics requirements. This course is designed to support the content covered in MATH 1010 by addressing deficiencies in skills required for the topics in MATH 1010. F, Sp (Co-requisite: MATH 1010 Enhanced sections.)

Not a part of a TN Transfer Pathway.

### **MATH 0530 Statistical Principles**

Credits: 3

MATH 0530 is a co-requisite course for MATH 1530, Introductory Statistics (non-calculus based), for students with Learning Support Mathematics requirements. This course is designed to support the content covered in MATH 1530 by addressing deficiencies in skills required for the topics in MATH 1530. (Co-requisite: MATH 1530 Enhanced sections. Reading learning support classes must be completed prior to enrollment in this course.)

Not a part of a TN Transfer Pathway.

### **MATH 0900 Algebraic Principles**

Credits: 3

Topics include operations with real numbers and algebraic expressions, analysis of graphs, linear functions, linear equations and inequalities, basic statistics and probability, and unit conversions. This class is intended for students with learning support needs in mathematics who wish to pursue algebra-intensive courses, such as MATH 1000 or MATH 1130.

F, Sp, Su

Not part of a TN Transfer Pathway.

### **MATH 1000 Algebra Essentials**

Credits: 3

This course is designed to prepare students for algebra-intensive college level courses. It covers operations on polynomials, solving polynomial and rational equations and other topics necessary for success in MATH 1130 and other algebra-intensive college level courses. This course does not fulfill the math requirement for graduation.

Not part of a TN Transfer Pathway.

### **MATH 1010 Math for General Studies**

Credits: 3

Covers topics that enhance the students' problem solving abilities, knowledge of the basic principles of probability/statistics, and guide them to master critical thinking/logic skills, geometric principals, personal finance skills and apply this knowledge to real-world problems. A TI-84 or comparable calculator is required. (Prerequisites: ACT Math >19, Compass Math >38 or completion of Math Learning Support requirements) F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

### **MATH 1130 College Algebra**

Credits: 3

A course in algebraic functions, their properties and uses-equations, inequalities, graphs, systems of linear equations, analytical geometry including ellipse and hyperbola. Applications are in the mathematics of finance as well as the laws of growth and decay in other areas. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 21 or above OR appropriate mathematics learning support courses and MATH 1000) F, Sp, Su

Roane State General Education course approved and designed for transfer.

### **MATH 1200 Mathematics for Adventurers**

Credits: 3

Mathematics for Adventurers is a field exploration of applications of mathematics in nature and is appropriate for a wide variety of geographical settings in the United States. Topics will include orienteering, reading topographic maps, navigating by the stars, measuring elevations and depressions using a clinometer, investigating botanical expressions of the Fibonacci sequence, archaeological dating, analyzing wildlife populations through statistics, models of exponential growth and decay, and a survey of career options in math and the natural sciences. In addition, students will gain an appreciation for the literature, history, and culture of the geographic region. Su

**MATH 1410 Number Concepts for Teachers**

Credits: 3

This course is an introduction to problem solving; logic, sets, and operations on sets; and properties and operations on whole numbers, integers, rational numbers, irrational numbers, and real numbers. Any student would profit from this course, but it is especially targeted to the education major elementary and non-math secondary). Sp (Prerequisites: Two years of high school algebra and one year of geometry AND an ACT of 19 or higher OR appropriate learning support math courses.)

Roane State General Education course approved and designed for transfer (TTP Course).

**MATH 1420 Geometry Concepts for Teachers**

Credits: 3

This course is an introduction to basic algebra; elements of probability and statistics; and basic concepts of Euclidean geometry, including congruence, similarity, measurements, areas, and volumes. F (Prerequisite: MATH 1410)

Course designed for transfer and part of a TN Transfer Pathway

**MATH 1530 Introductory Statistics**

Credits: 3

New Course Description: A study of the descriptive and inferential branches of statistics including statistical design, graphs, measures of center, variation, and relative standing, elementary probability, discrete and normal probability distributions, confidence intervals, hypothesis testing, and linear correlation and regression. Non-calculus based. A TI-84 or comparable calculator is required. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 19 or above OR appropriate learning support mathematics courses) F, Sp, Su.

Roane State General Education course approved and designed for transfer. (TTP course)

Formerly MATH 1530 Probability and Statistics (Non-Calculus Based)

**MATH 1630 Finite Mathematics**

Credits: 3

Brief review of algebra with emphasis on linear, quadratic, exponential, and logarithmic functions. Correlation, regression, matrix algebra, linear programming, mathematics of finance, and probability. Applications to business and finance. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 23 or above OR appropriate learning support mathematics courses and MATH 1130). F, Sp

Roane State General Education course approved and designed for transfer. (TTP course)

**MATH 1720 Precalculus Trigonometry**

Credits: 3

Analysis of functions of angles, solutions of right and general triangles, graphs of trigonometric functions, identities and formulas, equation-solving techniques, polar coordinates. A calculator with trig and log functions will be needed by the student. (Prerequisites: Two years high school algebra and one year of geometry, or appropriate learning support mathematics courses and MATH 1130) F

Roane State General Education course approved and designed for transfer. (TTP course)

**MATH 1730 PreCalculus**

Credits: 4 OR 5

Designed primarily for students planning to enter the calculus sequence, but who need more mathematical background. Topics include functions and graphing-algebraic, trigonometric, exponential and logarithmic, equations, the binomial theorem, and conics. A calculator with trig and log functions will be needed by the student. (Prerequisites: Two years high school algebra, a year of geometry and a score of 23 or higher on the math component of the ACT, OR appropriate RSCC courses, e.g. learning support and MATH 1130. Regardless of high school background, an ACT of less than 26 on the math component indicates that the student would profit from taking MATH 1730 before calculus.) F, Sp

Roane State General Education course approved and designed for transfer.

**MATH 1830 Applied Calculus**

Credits: 3

A calculus course designed for students in the business or biological sciences. Differential and integral calculus of the algebraic, exponential and logarithmic functions with applications in business and economics. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 24 or above or MATH 1130). F, Sp

Roane State General Education course approved and designed for transfer. (TTP course)

Previous title: Calculus for Business

**Effective 2020 Summer Semester, the following will be changing for MATH 1830:**

The course description is changing to: A calculus course designed for students in the business or biological sciences. Differential and integral calculus of the algebraic, exponential and logarithmic functions with applications in business and economics. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 24 or above or MATH 1130). F, Sp

Roane State General Education course approved and designed for transfer. (TTP course)

**MATH 1910     Calculus I**

Credits: 4

The standard course in single-variable calculus is designed for students of science, engineering, mathematics, and computer science. Topics included are rates of change, limits, continuity, differentiation of algebraic and transcendental functions, applications of the derivative, anti-differentiation, basic integration and the fundamental theorem of the calculus. (Prerequisites: Two years high school algebra, one year of geometry, and one year of advanced math (including trigonometry) plus satisfactory ACT scores of 26 (or equivalent SAT scores) or above on the math component, MATH 1730 OR MATH 1710 and 1720 from TN eCampus) F, Sp  
Roane State General Education course approved and designed for transfer.

**MATH 1920     Calculus II**

Credits: 4

A continuation of the standard year of freshman calculus, this course includes integration by substitution, by-parts, partial fractions and trigonometric substitutions for both algebraic and transcendental functions. Further applications of integration, such as area between curves, volumes of rotation, and surfaces of revolution are considered. Indeterminate forms, l'Hopital's Rule, and improper integrals are covered. Infinite series, including Taylor and MacClaurin with applications complete the semester. (Prerequisite: MATH 1910) Sp, Su  
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2000     Matrix Computations**

Credits: 1

Introduction to matrix calculations including determinants, eigenvalues and eigenvectors. This is a five week class. (Prerequisite: MATH 1910 or permission of instructor.) Sp  
Not part of a TN Transfer Pathway.

**MATH 2010     Introduction to Linear Algebra**

Credits: 3

A first course in the algebra of simultaneous linear equations and matrices. Includes Gaussian elimination, determinants, vector spaces, linear transformation, eigenvalues, eigenvectors change of basis, Gram-Schmidt orthonormalization process, and applications. (Prerequisite: MATH 1910 or permission of instructor) Sp  
Course designed for transfer and part of the TN Transfer Pathways.  
Previous title: Matrix Algebra

**Effective 2020 Summer Semester, the following will be changing for MATH 2010:**

The course description is changing to: A first course in the algebra of simultaneous linear equations and matrices. Includes Gaussian elimination, determinants, vector spaces, linear transformation, eigenvalues, eigenvectors change of basis, Gram-Schmidt orthonormalization process, and applications. (Prerequisite: MATH 1910 or permission of instructor) Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2050     Calculus-Based Probability and Statistics**

Credits: 3

This calculus-based course is designed primarily for students of Business and Economics. It includes descriptive statistics, concepts of probability and probability distributions, binomial and normal distributions, linear correlation and regression, estimation and significance tests for means, ANOVA, contingency tables and quality control. A calculator and basic computer abilities are necessary. (Prerequisite: MATH 1830 or MATH 1910) Sp  
Course designed for transfer and part of the TN Transfer Pathways.  
Previous title: Probability and Statistics (Calculus-Based)

**Effective 2020 Summer Semester, the following will be changing for MATH 2050:**

The course description is changing to: This calculus-based course is designed primarily for students of Business and Economics. It includes descriptive statistics, concepts of probability and probability distributions, binomial and normal distributions, linear correlation and regression, estimation and significance tests for means, ANOVA, contingency tables and quality control. A calculator and basic computer abilities are necessary. (Prerequisite: MATH 1830 or MATH 1910) Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2100     Discrete Mathematics**

Credits: 3

This course is designed for mathematics and computer science majors. It includes symbolic logic, sets, relations and functions. Boolean algebra, combinatorics, and the concept of proof in mathematics and elementary number theory. (Prerequisite: MATH 1910) Sp  
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2110    Calculus III**

Credits: 4

This course is a continuation of the first-year calculus sequence. Topics included are partial differentiation, multiple integrals, polar co-ordinate geometry and parametric equations, 3-D analytical geometry vectors and vector calculus. (Prerequisite: MATH 1920) F  
Course designed for transfer and part of the TN Transfer Pathways.

**MATH 2120    Differential Equations**

Credits: 3

A study of the solution of ordinary differential equations, first order equations, linear equations of any order, series solutions, applications, Laplace transforms, and Runge-Kutta methods. (Prerequisite: MATH 1920 and it is strongly recommended that students also take MATH 2110). Sp  
Course designed for transfer and part of the TN Transfer Pathways.

## Mass Communications

**MCOM 1010    Survey of Mass Communications**

Credits: 3

An overview of systems of mass communications with an emphasis on American media, their ownership, legal and social controls, role and effects. Advertising, broadcasting, journalism and publishing, and public relations will be examined and placed in the context of theories of mass communications. (Prerequisite: Completion of any Learning Support Reading and Writing requirements, if applicable.) Course availability determined by dean of the division.

Previously COMM 1010

Course designed for transfer and part of the TN Transfer Pathways.

**Effective 2020 Summer Semester, the following will be changing for MCOM 1010:**

The course description is changing to: An overview of systems of mass communications with an emphasis on American media, their ownership, legal and social controls, role and effects. Advertising, broadcasting, journalism and publishing, and public relations will be examined and placed in the context of theories of mass communications. (Prerequisite: Completion of any Learning Support Reading and Writing requirements, if applicable.)  
Course availability determined by dean of the division.

Course designed for transfer and part of the TN Transfer Pathways.

**MCOM 1020    Introduction to Media Writing**

Credits: 3

This course is an introduction to print and broadcast journalism with an emphasis on newsgathering methods and the writing of news for print and electronic media. F, SP

Previously COMM 1020

Course designed for transfer and part of the TN Transfer Pathways.

**Effective 2020 Summer Semester, the following will be changing for MCOM 1020:**

The course description is changing to: This course is an introduction to print and broadcast journalism with an emphasis on news gathering methods and the writing of news for print and electronic media. F, SP

Course designed for transfer and part of the TN Transfer Pathways.

**MCOM 1030    Introduction to Electronic Media**

Credits: 3

This course is an introduction to the history, special aspects, organization, structure, and function of electronic media. It is a basic introduction to broadcast operations. Sp

Previously COMM 1030

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for MCOM 1030:**

The course description is changing to: This course is an introduction to the history, special aspects, organization, structure, and function of electronic media. It is a basic introduction to broadcast operations. Sp

Not part of a TN Transfer Pathway.

**MCOM 1110 Media and Social Institutions**

Credits: 3

This course examines the development of various media and their impact on society. Topics include standard print media, radio, television, film, public relations, advertising, new electronic media and the World Wide Web. The course also emphasizes historical, political, social, psychological, cultural, and consumer aspects of mass media. F

Not part of a TN Transfer Pathway.

Previously COMM 1110 American Media and Social Institutions

**MCOM 2060 Special Topics in Editing**

Credits: 3

This course is an introduction to various software applications utilized for editing film/images. F

Previously COMM 2060

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for MCOM 2060:**

The course description is changing to: This course is an introduction to various software applications utilized for editing film/images. F

Not part of a TN Transfer Pathway.

**MCOM 2070 Special Topics in Camera Production**

Credits: 3

This course emphasizes the operation and use of standard cameras for the television/film industry. Topics will include shooting on location, handling and operation of sound and lighting equipment, and various camera styles. Sp

Previously COMM 2070

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for MCOM 2070:**

The course description is changing to: This course emphasizes the operation and use of standard cameras for the television/film industry. Topics will include shooting on location, handling and operation of sound and lighting equipment, and various camera styles. Sp

Not part of a TN Transfer Pathway.

**MCOM 2100 Television Studio Production I**

Credits: 4

This course will introduce video production techniques as well as the elements needed to produce television broadcasts. Topics will include camera operation, sound and light maintenance, editing, production, writing, and studio management. This course includes laboratory hours in addition to class time. (Prerequisite: MCOM 2070 or permission of instructor). Course availability determined by dean.

Previously COMM 2100

Not part of a TN Transfer Pathway.

**MCOM 2110 Television Studio Production II**

Credits: 4

Television Studio Production II is a continuation of Television Studio Production I and will offer a continued study of the applications and basics covered in the first part of this series. This course includes laboratory hours in addition to class time. (Prerequisite: MCOM 2100) Course availability determined by dean.

Previously COMM 2110

Not part of a TN Transfer Pathway.

**Effective 2020 Summer Semester, the following will be changing for MCOM 2110:**

The course description is changing to: Television Studio Production II is a continuation of Television Studio Production I and will offer a continued study of the applications and basics covered in the first part of this series. This course includes laboratory hours in addition to class time. (Prerequisite: MCOM 2100) Course availability determined by dean.

Not part of a TN Transfer Pathway.



## Medical Scribe

### **MDSC 2010 Medical Scribe Procedures**

Credits: 4

This course provides simulated practice recording verbal communication encountered during patient-doctor interaction and the recording of clinical events as they unfold. It also includes a study of procedures related to the retrieval of diagnostic test results. Procedures used in scheduling diagnostic tests, follow-up appointments, etc., are discussed and practiced. An emphasis is placed on the study of professional and ethical behavior in a clinical healthcare setting. 3 lecture hours/2 lab week (Prerequisite: Completion of any Reading and English Learning Support requirements)  
Not part of a TN Transfer Pathway.

## Mechatronics

### **MECH 1195 Internship in Mechatronics**

Credits: 1 TO 4

Students will engage in a project with an employer in an advanced manufacturing setting. As part of this project, students will be engaged in analysis and operation of mechatronic systems.  
Not part of a TN Transfer Pathway

### **MECH 1310 Electrical Components**

Credits: 3

This course is a study of the basic electrical components in a mechatronic system. Topics covered will include basic functions and physical properties of electrical components; the systematic flow of energy and measurement of components; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventive maintenance and electrical component safety. Technical documentation such as data sheets, schematics, timing diagrams and system specifications will also be covered. F, Sp  
Not part of a TN Transfer Pathway

### **MECH 1320 Mechanical Components and Electrical Drives**

Credits: 3

This course is a study of the basic mechanical components and electrical drives in a mechatronics system. Topics covered will include basic functions and physical properties of mechanical components and electrical AC and DC drives; materials, lubrication requirements and surface properties; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventative maintenance and electrical component safety. Technical documentation such as data sheets and specifications of mechanical elements and electrical drives will also be covered.  
F, Sp  
Not part of a TN Transfer Pathway

### **MECH 1330 (Electro) Pneumatic and Hydraulic Control Circuits**

Credits: 3

This course covers the basics of pneumatic, electro pneumatic and hydraulic control circuits in a complex mechatronic system. Students will learn the functions and properties of control elements based upon physical principles, and the roles they play within the system. Technical documentation such as data sheets, circuit diagrams, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on the pneumatic and hydraulic control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Preventive maintenance of (electro) pneumatic and hydraulic components as well as safety issues within the system will be discussed. F, Sp  
Not part of a TN Transfer Pathway

### **MECH 1340 Digital Fundamentals and Programmable Logic Controllers**

Credits: 3

This course is a study of basic digital logic and programmable logic controllers (PLCs) in a mechatronics system using the automation system. Topics covered will include basic PLC functions and testing; identification of malfunctioning PLCs; and troubleshooting techniques and strategies to identify and localize PLC hardware generated problems. Emphasis is on writing small programs and problem-solving using computer simulations. F, Sp An additional fee of \$150 will be assessed with this course for the Siemens exam.  
Not part of a TN Transfer Pathway

### **MECH 1350 Industrial Robotics**

Credits: 3

This course introduces the student to robotics and defines the uses in Industrial Manufacturing. Various topics cover robotic classifications, applications, work-cell layout, and software packages for programming various manufacturer's robots. Included is an overview of the I/O and sensor interfacing used with the robotic controller. Students gain operating and troubleshooting experience, plus experience in programming an industrial robot for applications assemblies, parts feeding, index table control, conveyor integration and fault detection systems. F, Sp  
Not part of a TN Transfer Pathway

**MECH 1351 Autonomous Robots**

Credits: 3

This is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. Students will first learn the basic principles of mechanical construction, electronics, sensors, motors and robot programming. Students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot project. Course availability determined by program director. (Prerequisites: Completion of any Learning Support requirements).  
Not part of a TN Transfer Pathway

**MECH 1380 Computer Integrated Manufacturing**

Credits: 3

This course teaches the basics of computer integrated manufacturing (CIM) technology, work cell manufacturing, and automated manufacturing processes. Students will learn the basics of process control and the integration of such to achieve machine movement and integration. Topics include manufacturing and material handling processes, assembly operations, work cells, elements of automation, and the combination of manufacturing elements. This course examines the benefits realized using CIM as applied to a production or assembly process. Students will use 3D computer software to learn how to analyze and solve problems in computer-controlled equipment and processes. Course availability determined by program director.  
Not part of a TN Transfer Pathway

**MECH 1381 Introduction to Injection Mold**

Credits: 3

This course provides the student with basic knowledge of the plastic injection molding process used in today's plastic parts manufacturing facilities. Included are machine and mold process set-up and optimization, polymer characteristics, the four plastic processing variables of pressure, temperature, flow rate, and cooling rate, and how they determine all part properties. Techniques for determining expert use of machine controls are presented, which enables the best process set up and controlling the four plastic variables to produce a quality part. Course availability determined by program director. Sp

Not part of a TN Transfer Pathway.

**MECH 1382 Injection Molding: Part Problems and Solutions**

Credits: 3

This course provides the student with basic knowledge and characteristics of common defects that may be encountered during the injection molding process. Included are splay, flash, short shots, weld and flow lines, burns, jetting, blush, delamination, cracks and breakage, voids and sinks, warp, and controlling part dimensions. A structured approach to problem troubleshooting is presented which will aid the student in identifying the source of the problem, (machine, material, process, or mold). This approach helps to eliminate wasted time and effort enabling a more timely problem resolution. Course availability determined by program director. Sp  
Not part of a TN Transfer Pathway

**MECH 1390 Innovative Production & Problem Solving**

Credits: 3

This is a problem solving course in which students work in teams to develop an original solution to a well-defined and justified open-ended problem by applying knowledge and skills developed in previous courses. Students will define or be presented with a real-world manufacturing problem and will create multiple solution approaches. They will select an approach, and then create and test their prototype solution. Student teams will present and defend their original solution. 2 lecture & 2 lab hours/week. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MECH 1490 Mechatronics Bridge**

Credits: 4

This course is a study of the fundamental concepts and skills acquired during the completion of the Mechatronics Certificate courses integrated with the skills of the TCAT Industrial Maintenance Certificate. Topics covered will be specific to the Mechatronics "systems approach" and will include, but are not limited to: A) Basic electrical components, B) Basic mechanical components and electrical drives, C) Basics of pneumatic, electro-pneumatic and hydraulic control logic, D) Basics of digital logic and programmable logic controllers (PLCs), E) Application of troubleshooting techniques and strategies to identify, localize, and correct malfunctions, F) Systematic approach to preventive maintenance and safety associated with all aspects of mechatronics systems, and G) Understanding and interpreting technical documentation such as data sheets, schematics, timing diagrams and system specifications. Course availability determined by program director.  
Not part of a TN Transfer Pathway

**MECH 2195 Internship in Mechatronics**

Credits: 1 TO 4

This course is an internship and is designed to apply manufacturing improvement processes in a mechatronics system. Students will apply and report on a combination of basic statistics for improvement, manufacturing teams, process waste, OEE, process capability, continual improvement, fish bone diagrams, kaizen activities, TPM, and basic time study methods. If taken for 4 credit hours, this internship may replace MECH 2490. (Prerequisites: MECH 2440, MECH 2441; Corequisites: MECH 2320 AND 2425 and college level math)

Not part of a TN Transfer Pathway

**MECH 2320 Motor Control**

Credits: 3

This course covers the principles of AC and DC motors, motor control, and general machine operations in a complex mechatronic system. Students will learn the functions and properties of machine control elements and the roles they play within the system. Topics covered will include general machine operations and motor control techniques; mechanical components and electric drives; motor sensors, braking and loads; motor efficiency and power; preventive measures and troubleshooting techniques. Technical documentation such as data sheets, circuit diagrams, schematics, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on motors and motor control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Safety issues within the system will also be discussed. F, Sp, Su (Prerequisite: MECH 1320)

Not part of a TN Transfer Pathway

**MECH 2425 Mechanics and Machine Elements**

Credits: 4

This course is a study of the mechanical components that are included in a complex mechatronic system. Topics covered will include an overview of Statics and Kinetics with a focus on force system analysis, study of equilibrium, frames and machines, friction and the effects of forces on the motion of objects. Fundamentals and classification of machine elements to include calculations involving force, stress and wear analysis will also be covered. Sp (Prerequisite: MECH 1320 and college level math)

Not part of a TN Transfer Pathway

**MECH 2440 Process Control Technologies**

Credits: 4

This course is a study of the Process Control technologies associated with a complex mechatronics system. Topics covered will include the Closed Loop Control; interaction between controllers, sensors and actuators; controller operating parameters; PID controllers; ON/OFF and PID controllers; and the differences between controllers typically used in mechatronic systems. The analysis of plant documentation and manuals, the creation and interpretation of charts with diagrams for time-based changes of measured values will also be covered. F (Prerequisite: MECH 1340; Corequisite: college level math)

Not part of a TN Transfer Pathway

**MECH 2441 Introduction to Totally Integrated Automation**

Credits: 4

This course is an introduction to Totally Integrated Automation. Topics covered will include the automation pyramid, analogue sensors and actuators, STEP 7 functions, MPI-Bus and PROFIBUS systems, and systems maintenance and troubleshooting. F (Prerequisite: MECH 1340)

Not part of a TN Transfer Pathway

**MECH 2480 Automation Systems**

Credits: 4

This course is a study of the automation systems utilized within a mechatronics system. Topics covered will include Metal Cutting, Modal Analysis, CNC, CAD, CAM, programming and microcontrollers that are used in modern manufacturing technologies. F, Sp (Prerequisite: MECH 1340)

Not part of a TN Transfer Pathway

**MECH 2490 Manufacturing Applications (Capstone Course)**

Credits: 4

This course is a study of manufacturing improvement processes in a mechatronics system using the automation system for real world application. Topics covered will include basic statistics for improvement, manufacturing teams, process waste, OEE, process capability, continual improvement, fish bone diagrams, kaizen activities, TPM, and basic time study methods. Emphasis is using a team project with final presentation to apply improvement methods in real-world application. An additional fee of \$150 will be assessed with this course for the Siemens exam. (Prerequisites: MECH 2440, MECH 2441, MECH 2480 and college level math; Corequisite: MECH 2425).

Not part of a TN Transfer Pathway

## Medical Informatics

### **MEDI 1201 Healthcare Vocabularies and Clinical Terminologies**

Credits: 2

This is an introduction to Healthcare code sets, clinical terminologies and classification systems used throughout the medical informatics industry. F (Prerequisites: Reading and Writing Learning support courses must be completed prior to enrolling, if applicable). This is an open enrollment course. Not part of a TN Transfer Pathway

## Management

### **MGT 200 Foundations of Business**

Credits: 4

Nature of business, including economic issues and systems. An overview of the functional areas of business including management, marketing, financial systems, computers, accounting, business law, and careers in business is presented. F  
Not part of a TN Transfer Pathway.

### **MGT 201 Management Concepts**

Credits: 4

This course is an introduction to management with emphasis on the managerial functions, i.e., planning, organizing, staffing, directing and controlling. Also included is an exploration of leadership, motivation, communication, quality control and decision making from both an individual and a group standpoint. F  
Not part of a TN Transfer Pathway.

### **MGT 203 Human Resource Management**

Credits: 4

The study of the various aspects of human resource management with special emphasis on the training of personnel for both private and public organizations. Included in the course is the exploration of selection and recruitment; placement; evaluation techniques; collective bargaining and union/management relations; and compensation management including incentives and benefit packages. F  
Not part of a TN Transfer Pathway.

### **MGT 205 Marketing in the Global Economy**

Credits: 4

An overview and analysis of the activities performed by individuals, businesses, and nonprofit organizations that allow for the exchange of goods and services satisfying the needs of major markets. The course includes the study of controllable and uncontrollable market variables, marketing strategy and consumer behavior. Sp  
Not part of a TN Transfer Pathway.

### **MGT 206 Applied Economics**

Credits: 4

This course covers the foundations of economics-supply and demand theory as well as features and goals of capitalism market systems, national income determinations, and monetary fiscal policy. Sp  
Not part of a TN Transfer Pathway.

### **MGT 207 Managerial Accounting and Finance**

Credits: 4

This course focuses on the use of management accounting information and financial accounting information in various business settings. Additionally, the course will focus on accumulation and reporting accounting information. Sp  
Not part of a TN Transfer Pathway.

### **MGT 208 Training and Development**

Credits: 4

Underscores the most recently developed training techniques with emphasis on needs assessment; teaching and learning skills; instructional systems design (ISD); and training delivery and evaluation. Management electives offered summer term only, on an alternating basis.  
Not part of a TN Transfer Pathway.

**MGT 209      Interpersonal Communication**

Credits: 4

An exploration and application of the basic concepts and principles of effective interpersonal and intergroup communication. Emphasis will be on the students' development of a personal action plan to improve their interpersonal communication skills. Management electives offered summer term only, on an alternating basis.

Not part of a TN Transfer Pathway.

**MGT 210      Business and Its Legal Environment**

Credits: 4

The exploration of the laws and procedures affecting the legal environment of business including the nature and sources of law; courts and legal procedures; constitutional law; and the law of torts; in particular intellectual properties like copyrights and trademarks. Management electives offered summer term only, on an alternating basis.

Not part of a TN Transfer Pathway.

**MGT 211      Introduction to Global Business**

Credits: 4

This course provides an introduction to global business and the evolving global economy. It focuses on the commercial, economic, financial and human/social aspects of globalization in the world today. The course examines what global business is and how it pervades most aspects of our lives. The course covers a wide range of perspectives on the pros and cons of globalization. In addition, the future impacts and trends related to globalization are explored. Management electives offered summer term only, on an alternating basis.

Not part of a TN Transfer Pathway.

**MGT 215      Special Topics in Management I**

Credits: 1 TO 8

An in-depth analysis of a particular topic, concern or problem as it applies to management. May be used for prior learning assessment with prior approval from the student's academic advisor.

Not part of a TN Transfer Pathway.

**MGT 221      Introduction to Green Leadership and Sustainability**

Credits: 4

Designed for the beginning student to understand the concepts of 'Green Leadership' and 'Sustainability,' this course will build the student's capacity to analyze, recommend, and implement sustainability programs within an organization. The course will further enable the student to initiate or continue quality improvements, develop eco-advantage, and enhance the triple-bottom-line of People, Planet, and Profit. The student will be able to perpetuate sustainable business practices which take from our Planet's limited resources no more than what can be replaced. The ultimate goal of sustainable business practices and Green leadership is to have a 'zero carbon footprint' which creates 'no-harm' to our environment.

Not part of a TN Transfer Pathway.

**MGT 225      Resolving Conflict: Negotiating Successful Solutions**

Credits: 4

In this course the student will gain an understanding of the various types of conflict and the causes of those conflicts. The student will learn different methods of successfully resolving conflict in both interpersonal and group environments. Additionally the student will learn ways to improve negotiation skills and other means of Alternate Dispute Resolution (ADR) available to resolve conflicts and solve problems. Students may not receive credit for both MGT 225 and BUS 236. Management electives offered summer term only, on an alternating basis.

Not part of a TN Transfer Pathway.

## Math-Science

**MSC 261      Southwest Field Trip**

Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp

Not part of a TN Transfer Pathway.

**MSC 262 Southwest Field Trip**

Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp  
Not part of a TN Transfer Pathway.

**Music****MUS 010 Solo Class**

Credits: 0

Performance opportunity for all students enrolled in Individual Instruction. Required of all students enrolled for two hours credit in Individual Instruction, and for Music and Music Education Option Students each semester. Solo class is also for students with a music scholarship. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 020 Recital**

Credits: 0

Required of all Music and Music Education majors in their performance area with permission and recommendation of applied instructor. Should be registered for the last semester before graduation. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 101 Voice Class I**

Credits: 1

Group instruction in basic vocal techniques, focusing on vocal styles of the 20th century. Class meets twice per week. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 102 Voice Class II**

Credits: 1

Continuation of group instruction in voice, focusing on performance skills and stage presence. Class meets twice per week. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 1027 Class Piano I**

Credits: 1

Group instruction in basic keyboard technique for students with little or no prior training in piano, or for music majors preparing for a piano proficiency exam. F, Sp  
Course designed for transfer and part of a TN Transfer Pathway.  
Formerly MUS 103

**MUS 1030 Introduction to Music**

Credits: 3

Open to all students who desire a better understanding of music. In this one-semester course, traditional art music will be explored through class lecture as well as weekly listening assignments. Available in lecture, video, and web format. F, Sp, Su  
Roane State General Education course approved and designed for transfer.

**MUS 105 Accompanying**

Credits: 1

Accompany voice lessons, ensembles, and recitals in order to learn the fundamentals of accompanying. Two voice students assigned per semester hour. Admittance by audition. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 1057 Music Theory I**

Credits: 3

A study of notation, tonality, intervals, triads, seventh chords and chord progressions leading to a fundamental understanding of harmony in 18th century music. (Prerequisite: Knowledge of music fundamentals. Co-requisite course: MUS 1058 Ear Training I) F  
Course designed for transfer and part of a TN Transfer Pathway.  
Formerly MUS 110

**MUS 1058 Ear Training I**

Credits: 1

Development and proficiency in identifying intervals, scales, and triads aurally. Ability to vocalize and notate basic melodies, harmonies and rhythms. Should be taken concurrently with MUS 1057, Music Theory I. F  
Course designed for transfer and part of a TN Transfer Pathway.  
Previously MUS 111

**MUS 106 Accompanying**

Credits: 2

Students with acceptable piano proficiency accompany voice lessons, ensembles, and/or recitals. Two voice students assigned per credit hour. Admittance by audition. May be repeated for credit. (Students enrolled in MUS 105 or MUS 106 are eligible for scholarship awards.) Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 108 Contemporary Guitar Class**

Credits: 1

Group instruction in basic skills of guitar, focusing on contemporary and folk music. Class meets twice weekly. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 112 Roane State Concert Choir**

Credits: 1

This course requires attendance and performance in the local community choir which meets one evening a week for up to three hours and performs at least once per semester. The ensemble prepares and performs a variety of music, from pop to major choral works and selections from standard choral literature. Open to all qualified students. Required for Music majors in voice. May be repeated for credit. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 1127 Class Piano II**

Credits: 1

Group instruction in basic keyboard technique for students with little prior training in piano, or for music majors preparing for a piano proficiency examination. Electronic pianos will be used. Class meets twice weekly. Daily practice required. Should be taken in sequence. Course availability determined by program director.  
Course designed for transfer and part of a TN Transfer Pathway.  
Previously MUS 104

**MUS 113 Celebration**

Credits: 1

A contemporary show choir. Meets four hours per week and begins one week prior to the beginning of fall semester. Students accepted into Celebration are expected to participate in the class both fall and spring semester of the academic year. May be repeated for credit. Admission by audition only (Auditions are held each spring for the following year). F, Sp  
Not part of a TN Transfer Pathway.

**MUS 114 Celebration Choreography**

Credits: 1

Meets two hours per week and begins one week prior to the beginning of fall semester. Students accepted into Celebration are expected to participate in the class both fall and spring semesters of the academic year. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 115 Small Instrument Ensembles**

Credits: 1

String, brass, and woodwind ensembles will rehearse three hours per week and perform three times during a semester. Classical literature for standard instrumentations will be emphasized. Rehearsal times arranged according to students' schedules. Assignment of groups to be determined by instructor. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 1155 Music Theory II**

Credits: 3

This course includes the study of standard vocabulary of harmony, part writing, form and analysis of common practice music. Must be taken in sequence. (Prerequisites: MUS 1057 and MUS 1058) Sp  
Course designed for transfer and part of a TN Transfer Pathway.  
Formerly MUS 120

- MUS 1156 Ear Training II** Credits: 1  
 This course covers development of proficiency in identifying and notating melodic, harmonic and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with MUS 1155. (Prerequisites: MUS 1057 and MUS 1058) Sp  
 Course designed for transfer and part of a TN Transfer Pathway.  
 Previously MUS 123
- MUS 116 Roane State Concert Band** Credits: 1  
 Performs traditional and contemporary wind ensemble literature. Open to all qualified students. Meets three hours per week. Open to all students who play band instruments. Course availability determined by program director.  
 Not part of a TN Transfer Pathway.
- MUS 117 Jazz Band** Credits: 1  
 Performs arrangements for jazz in contemporary and jazz-rock styles. Performances regularly scheduled off-campus, as well as for student body. Meets two hours per week. No audition is required. May be repeated for credit. F, Sp  
 Not part of a TN Transfer Pathway.
- MUS 119 Women's Choir** Credits: 1  
 Vocal ensemble consisting of female students. Performs a variety of choral literature specifically designed for the female voice. Ensemble will perform a minimum of three times per semester. May be repeated for credit but not to replace a failing grade. Meets on the Oak Ridge campus. Course availability determined by program director.  
 Not part of a TN Transfer Pathway.
- MUS 121 Bluegrass Band** Credits: 1  
 This course explores the idiom of Bluegrass music with an emphasis on performance. Students rehearse together in order to become familiar with playing in an ensemble, improve instrumental proficiency and prepare for performances. F, Sp  
 Not part of a TN Transfer Pathway.
- MUS 126 Vocal Survey** Credits: 1  
 Addresses issues related to the study of vocal music in a lecture, class discussion and performance format. Subjects of study include an introduction to vocal anatomy, diction (International Phonetic Alphabet), voice classification, voice literature, textual and musical interpretation, performance etiquette, stylistic appropriateness and career opportunities. (This course is intended for music majors with voice as a principle instrument. Students should complete two semesters total whether planning to continue in performance or education.) F, Sp  
 Not part of a TN Transfer Pathway.
- MUS 131 Pop Music in America** Credits: 3  
 A survey of American music representative of the present day scene, focusing on the evolution of rock music. Open to all students. Course availability determined by division dean.  
 Not part of a TN Transfer Pathway.
- MUS 132 Stage Production Band** Credits: 1  
 This course concentrates on reading written music of several different styles - pop, jazz, rock, Broadway and classical. Students may work with RSCC musical productions produced through the music or music theatre departments. Instrumentation will vary each semester, but all instrumentalists are welcome including strings, brass, reeds, rhythm section, etc. (Prerequisite: music reading skills on one's particular instrument)  
 This course is intended for instrumental students with a strong reading background whether from a high school concert, marching, jazz band, or private study. Offered for students looking to fulfill the ensemble requirement for music majors or anyone wanting to improve their reading and performing skills. F, Sp  
 Not part of a TN Transfer Pathway.
- MUS 140 Fundamentals of Music** Credits: 2  
 A beginning study of music, its terminology, and its elements such as notes, scales, intervals, keys, triads, meter and smaller forms. Designed to acquaint the student with notation, the keyboard, sight singing, and ear training. Open to all students. Course availability determined by program director.  
 Not part of a TN Transfer Pathway.



**MUS 170**      **Guitar**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 171**      **Guitar**      Credits: 2

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 180**      **Piano**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 181**      **Piano**      Credits: 2

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 182**      **Organ**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 183**      **Organ**      Credits: 2

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 190**      **Voice**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 191**      **Voice**      Credits: 2

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 192**      **Brass**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by the program director.  
Not part of a TN Transfer Pathway.

**MUS 193**      **Woodwinds**      Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 194      Strings** Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**MUS 195      Percussion** Credits: 1

This course is an individual instruction class and may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by Director of Music Program.

Not part of a TN Transfer Pathway.

**MUS 200      Music Seminar** Credits: 1 TO 3

This course is designed for those students who are interested in pursuing an in-depth study of some particular music area. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**MUS 2055      Music Theory III** Credits: 3

This course includes a study of tonicization, modulation, chromatic harmony, chord progressions, part writing, form and analysis leading to an understanding of harmony and melody in 19th century music. Must be taken in sequence. (Prerequisites: MUS 1057 and MUS 1155) F

Course designed for transfer and part of a TN Transfer Pathway.

Previously MUS 210

**MUS 2056      Ear Training III** Credits: 1

This course is a continuation of MUS 1156, Ear Training II. Student continues to develop aural listening skills and proficiency in identifying intervals, compound intervals, modes and chords. Ability to vocalize and notate complex melodies, harmonies and rhythms. Should be taken concurrently with MUS 2055. (Prerequisites: MUS 1155 AND MUS 1156) F

Course designed for transfer and part of a TN Transfer Pathway.

Previously MUS 215

**MUS 213      Introduction to Digital Music** Credits: 1

Introduction to the use of computer technology in music notation, recording and editing. Course investigates MIDI technology, sequencing and audio recording. While some musical knowledge is a plus, creativity will suffice. F, Sp

Not part of a TN Transfer Pathway.

**MUS 214      Digital Music II** Credits: 3

This course is a continuation of Intro to Digital Music. Students will continue to learn the use of computer technology in music notation, recording and edition. This course further investigates MIDI technology, sequencing and audio recording. (Prerequisite: MUS 213) F, Sp

Not part of a TN Transfer Pathway.

**MUS 2155      Music Theory IV** Credits: 2

Study of modulation, chromatic harmonies, 20th century harmonies, and other harmonic procedures since the common practice period. Must be taken in sequence. (Prerequisites: MUS 1057, 1155, 2055) Sp

Not part of a TN Transfer Pathway.

Previously MUS 220

**MUS 2156      Ear Training IV** Credits: 1

Content covers development of proficiency in identifying and notating complex, melodic, harmonic and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with MUS 2155. (Prerequisites: MUS 2055 and MUS 2056) Sp

Not part of a TN Transfer Pathway.

Previously MUS 222

**MUS 230 Introduction to Music Literature I**

Credits: 3

Study of music in Western civilization from antiquity through the Baroque era. Students learn through class lecture, listening assignments, concert attendance, and performance of representative literature. Offered for non-music majors who can read music; required for music majors. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**MUS 231 Music History Survey**

Credits: 3

Study of music in western civilization from antiquity through 20th century. Students learn through class lecture, listening assignments, concert attendance, and performance of representative literature. Offered for non-music majors who can read music; required for music majors. Course availability determined by music program director.

Not part of a TN Transfer Pathway.

**MUS 240 Introduction to Music Literature II**

Credits: 3

A continuation of MUS 230, Introduction to Music Literature I, covering the Classic era through 20th century. Offered for non-music majors who can read music; required for music majors. (Offered only in alternate Spring semesters). Course availability determined by program director.

Not part of a TN Transfer Pathway.

**MUS 250 Conducting**

Credits: 1

Study of choral conducting techniques; and management of church, school and community choral groups both vocally and organizationally. Offered for both music majors and non-music majors. Students should be able to read music. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**MUS 270 Guitar**

Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 271 Guitar**

Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 280 Piano**

Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 281 Piano**

Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 282 Organ**

Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 283 Organ**

Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp

Not part of a TN Transfer Pathway.

**MUS 290      Voice** Credits: 2

This course is an individual instruction class for first year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 291      Voice** Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. F, Sp  
Not part of a TN Transfer Pathway.

**MUS 292      Brass** Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 293      Woodwinds** Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 294      Strings** Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

**MUS 295      Percussion** Credits: 2

This course is an individual instruction class for second year music majors. This course may be repeated for credit. Students registering for this course should contact the instructor to schedule the lessons. Course availability determined by program director.  
Not part of a TN Transfer Pathway.

## Nursing

**NRS 1100      Transition to Professional Nursing** Credits: 1

This course is designed to assist the student in transitioning to the role of the professional nurse. (Prerequisite: Admission into the LPN Mobility program; Corequisite: NRS 1360) F  
Not part of a TN Transfer Pathway.

**NRS 1140      Test Taking Strategies** Credits: 1

This course is designed for the beginning student nurse preparing to take tests within and at the completion of nursing fundamentals courses. The information presented is designed to maximize success by helping students to develop a positive mental attitude, understand critical thinking, study and learn more effectively and become test-wise by identifying steps in analysis of a test question. 1 lecture hour. (Coreq: Nursing courses) F (or course availability determined by program director)  
Not part of a TN Transfer Pathway.

**NRS 1141      Current Topics in Nursing I** Credits: 2

This course is designed to enhance learning and competency development through study of topics of special interest. The course may be repeated for credit. Course availability will be determined by dean.

**NRSG 1241 Current Topics in Nursing II**

Credits: 2

This course is designed to enhance learning and competency development through study of topics of special interest. The course may be repeated for credit. Course availability will be determined by dean.

**NRSG 1320 Women's Health and the Childbearing Family**

Credits: 3

This course applies the core concepts that provide the basis for the knowledge, skills and attitudes that are essential for providing safe nursing care for women, infants, childbearing patients and families including pharmacological management. 2 hrs lecture/45 hrs clinical/lab. (Prereqs: Admission to the Nursing Program, BIOL 2010, ENLG 1010, PSYC 1030; Co-requisites: varies per program option [Traditional or LPN Mobility])  
Not part of a TN Transfer Pathway.

**NRSG 1330 Pediatric Nursing**

Credits: 3

This course applies the core concepts that provide the basis for knowledge, skills and attitudes that are essential for providing safe nursing care for children with alterations in health including pharmacological management. 2 hrs lecture, 45 hrs clinical/lab. (Prerequisites: NRSG 1620 and required NRSG Specialty Course. Coreq: NRSG 2630) Sp, F  
Not part of a TN Transfer Pathway.

**NRSG 1340 Mental Health Nursing**

Credits: 3

This course applies the core concepts that provide the basis for knowledge, skills and attitudes that are essential for providing safe nursing care for patients/clients with alterations in mental health including pharmacological management. 2 hrs lecture, 45 hrs clinical/lab. (Pre-reqs: NRSG 1710 or NRSG 1100. Co-req: NRSG 1620 or NRSG 2640) Sp  
Not part of a TN Transfer Pathway.

**NRSG 1360 Pharmacology in Nursing**

Credits: 3

This course applies the core concepts that provide the basis for knowledge, skills and attitudes that are essential for providing safe pharmacological management for patients with a variety of health alterations. 3 lecture hours (Pre-req: Admission into the Nursing Program. Co-reqs: NRSG 1710 or NRSG 1100 or permission of dean/director). F  
Not part of a TN Transfer Pathway.

**NRSG 1620 Medical-Surgical Nursing I**

Credits: 6

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care for adults with alterations in health that are primarily chronic in nature. 4 hrs lecture and 24 hours lab/ 66 hrs clinical (Total lab/clinical hours = 90). (Prereqs: NRSG 1710 or NRSG 1100; Corequisites: BIOL 2230, NRSG 1320 or NRSG 1340) Sp  
Not part of a TN Transfer Pathway.

**NRSG 1710 Fundamentals of Nursing**

Credits: 7

An introduction to the core concepts that provide the basis for knowledge, skills, and attitudes that emphasize fundamental principles necessary to provide safe nursing care for individuals with basic alterations in homeostasis and health. 4 hrs lecture and 68 clinical and 67 lab hrs (total clinical/lab hours = 135). (Prereqs: Admission into the Nursing Program, BIOL 2010, ENGL 1010, PSYC 1030 or guided elective, MATH 1530. Co-reqs: NRSG 1360, BIOL 2020) F  
Not part of a TN Transfer Pathway.

**NRSG 2240 Professional Practice in Nursing**

Credits: 2

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care for adults with alterations in health of a more complex nature. 2 hrs lecture. (Prereqs: NRSG 2630; Coreqs: NRSG 2640, Required NRSG Specialty Course) Sp  
Not part of a TN Transfer Pathway.

**NRSG 2630 Medical-Surgical Nursing II**

Credits: 6

This course applies the core concepts that provide the basis for the knowledge, skills and attitudes that are essential for providing safe nursing care for adults with alterations in health that are primarily acute in nature. 4 hrs lecture, 90 hrs clinical/lab. (Prereqs: BIOL 2230, NRSG 1320, NRSG 1620; Required pharmacology course. Coreqs: Guided elective, NRSG 1330.)  
Not part of a TN Transfer Pathway.

**NRSG 2640 Medical-Surgical Nursing III**

Credits: 6

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care for adults with alterations in health of a more complex nature. 4 hrs lecture, 90 hrs clinical/lab. (Pre-reqs: NRSG 1340, NRSG 2630; Co-reqs: Humanities elective, NRSG 1340, NRSG 2240) Sp  
Not part of a TN Transfer Pathway.

**Nursing****NSG 291 Transcultural Nursing: Study of Healthcare in an International Setting**

Credits: 2

This course provides the student the opportunity to experience a direct relationship with healthcare providers and recipients from various cultural backgrounds in an international setting. The students will travel to a supervised site for theoretical concepts as well as clinical experiences. Students will focus on differences and similarities in health care related to cultural values, beliefs and practices. Students may register with the permission of the instructor.  
Not part of a TN Transfer Pathway.

**Opticianry****OPTI 1330 Geometric Optics for Opticians**

Credits: 3

Surveys basic elements of geometric optics. Explores the basic theories of light, the electromagnetic spectrum, shadows and pinhole cameras, refraction at a plane surface, critical angle and internal reflection, lateral shift, apparent depth, prisms, mirrors, thin lenses and image formation. Emphasizes ray tracing and calculations. 3 lecture hours/week (Prerequisite: MATH 1130 & Acceptance into the Opticianry Program.)  
Not part of a TN Transfer Pathway.  
New course: VECT 1330

**OPTI 1410 Introduction to Opticianry**

Credits: 4

A general overview of the field of Opticianry, intended to provide the student with a broad base for more advanced study. Included is the history of Opticianry, the visual sense, basic geometric optics, normal and abnormal vision, lens theory and design, frame design and principles of decentration, government regulations and licensure, as well as an introduction to the ophthalmic dispensing clinic. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 lab hours / week)  
Not part of a TN Transfer Pathway.  
New course: VECT 1410

**OPTI 1420 Ophthalmic Dispensing I**

Credits: 4

A continuation of Introduction to Opticianry to include frame fit and adjustment, prescription analysis, visual acuity, resolving prisms, influence of vertex distance on prescription, and introduction to presbyopia. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 lab hours/week)  
Not part of a TN Transfer Pathway.  
New course: VECT 1420

**OPTI 1430 Anatomy and Physiology of the Eye**

Credits: 4

A detailed study of the structures and functions of the eye and its adnexa, as well as an overview of common ocular pathologies. Prerequisite: Acceptance into the Opticianry Program. (4 lecture hours/week)  
Not part of a TN Transfer Pathway.  
New course: VECT 1430

**OPTI 1440 Ophthalmic Materials I**

Credits: 4

This course is designed to introduce the student to the most commonly used ophthalmic devices, and the physical make-up of these devices. This includes single vision lenses, spectacle frames, and bifocal lenses, with special emphasis on how these devices are produced. Also included is an introduction to fabrication of lenses, developing a basis for layout, blocking, grinding, and verification procedures. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 lab hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 1440

**OPTI 1450 Contact Lenses I**

Credits: 4

An introduction to the fitting of contact lenses, following the history of contact and the development of new contact lens materials. Advantages and disadvantages of these materials are outlined, as well as indications and contra-indications to contact lens wear. Emphasis is placed on the optical principles behind contact lens correction, and the introduction of basic skills with related instrumentation. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 1450

**OPTI 2140 Practicum**

Credits: 1

Supervised fieldwork in a retail dispensary under a licensed optician, optometrist, or ophthalmologist. Prerequisite: Acceptance into the Opticianry Program. (120 total hours/semester)

Not part of a TN Transfer Pathway.

New course: VECT 2140

**OPTI 2410 Ophthalmic Dispensing II**

Credits: 4

A continuation of Ophthalmic Dispensing I to include the optical properties of spectacle lenses and their relationship to the patient's refractive error, the spectacle management of presbyopia, the spectacle management of high power prescriptions and prescription analysis. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 clinic hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2410

**OPTI 2420 Ophthalmic Materials II**

Credits: 4

A continuation of Ophthalmic Materials I, stressing: multifocal lenses - bifocals, trifocals, occupationals, blended and progressives. Increased hands-on experience with lens edging, including insertion, removal, and bench adjustment or spectacles. ANSI standards applied to all lab work. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2420

**OPTI 2430 Contact Lenses II**

Credits: 4

Continuation of Contact Lenses I with increased attention to lens selection and design. Fitting philosophies of hydrogel and gas permeable contact lenses are put into practice, and follow-up care is stressed. Insertion, removal, and diagnostic skills are increased. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2430

**OPTI 2460 Ophthalmic Dispensing III**

Credits: 4

A continuation of Ophthalmic Dispensing II to include advanced prescription analysis, clinical astigmatism, fashion spectacle dispensing, aniseikonia, low vision care, clinical types of hyperopia, ocular injuries and emergencies, visual field anomalies, orthoptics, prosthetic eyes, ophthalmic instrumentation, and theory of refraction. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 clinic hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2460

**OPTI 2470 Ophthalmic Materials III**

Credits: 4

A continuation of Ophthalmic Materials II to include cataract eyewear, glass lens tempering, high minus lens designs/materials, and a variety of specialty lenses. Practice management including: ordering, inventory, duty to warn, equipment maintenance, semantics and salesmanship. Licensed professional responsibilities are presented, along with the latest trends (fashion, technological breakthroughs). Advanced spectacle fabrication in the lab, to include: semirimless mounts, various repairs, progressive lenses, bifocal projects, and prism RXs. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2470

**OPTI 2480 Contact Lenses III**

Credits: 4

Continuation of Contact Lenses II, dealing mainly with special fitting problems and special lens design. Practice management techniques are included, as well as continued use of all needed instrumentation. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

New course: VECT 2480

## Occupational Therapy Assistant

**OTAP 1110 OTA Program Orientation**

Credits: 1

This online course is designed to increase preparedness of newly admitted OTA students for program success. Topics include delivery technology, program overview and student resources. Prerequisite: Acceptance into the Occupational Therapy Assistant Program. 1 lecture hour/week. Su

Not part of a TN Transfer Pathway.

**OTAP 1210 Introduction to Occupational Therapy**

Credits: 2

This course introduces the student to the profession of occupational therapy and the health care system. The holistic approach of occupation as a concept and an orientation to ethics is provided. Information is presented that relates to the role of the occupational therapy assistant and includes the purpose, philosophy, and history of the profession. (2 lecture hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.

Not part of a TN Transfer Pathway.

**OTAP 1220 OT Documentation with Level 1 A**

Credits: 2

Students will experience directed observation and participation with occupational therapy in a physical disability setting to learn the clinical application of occupational therapy principles and practice. (15 lecture hours, 40 clinical fieldwork hours/semester) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.

Not part of a TN Transfer Pathway.

**OTAP 1240 OT Documentation with Level 1 B**

Credits: 2

This course will provide directed observation and participation in either a psychosocial or life-development community setting to develop occupational therapy principles, professional behaviors, and therapeutic skills. (15 lecture hours, 40 clinical fieldwork hours/semester) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.

Not part of a TN Transfer Pathway.

**OTAP 1320 Exploring Occupations**

Credits: 3

This course will provide a conceptual overview of activity analysis and practice skill in the therapeutic use of technology, manual arts, media, and activity (occupation). Planning, preparation, learning methods, and safety factors are emphasized. Therapeutic occupations will be approached using occupational therapy terminology from the Practice Framework Domain and Process. (2 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program

Not part of a TN Transfer Pathway.



**OTAP 1340 Human Movement for Occupation**

Credits: 3

This course presents a study of the kinetics of human motion. Emphasis will be placed on normal motion and movement patterns in the context of activity and Occupational Therapy. Procedures for range of motion, manual muscle testing and movement analysis will be reinforced. The course will also introduce biomechanical principles, postural considerations and functional characteristics of the musculoskeletal system. (2 hours lecture, 3 hours lab) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 1510 Neurological Theory and Treatment**

Credits: 5

Students will review basic neuroanatomy, neurophysiology and learn pathologies commonly seen in occupational therapy. Students will be introduced to concepts of rehabilitation and accepted treatment techniques through application of treatment principles in lab. Study of normal movement, abnormal movement, and the developmental sequence is included at the entry level of practice. (4 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 1520 Theory and Treatment of Psychosocial Dysfunction**

Credits: 5

This course will present descriptions of psychosocial dysfunction commonly treated in occupational therapy. Theories of occupational therapy treatment will be explored and students will practice a variety of techniques used in identifying and treating psychosocial disorders to promote rehabilitative change. Reading assignments, discussions, presentations, practice application of standardized assessments in lab, and structured learning activities will be utilized to prepare students to interact effectively and safely in psychosocial treatment situations. (4 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 2110 Level I C (Fieldwork)**

Credits: 1

Students will apply academic knowledge of occupational therapy to practice through a Level I Fieldwork experience. 15 total clinical contact hours/semester. (Pre-requisites: Acceptance into the Occupational Therapy Assistant Program, successful completion of first year OTA coursework) F

**OTAP 2220 Practice Management**

Credits: 2

Students will develop knowledge of responsibilities required to provide occupational therapy in a community or health care setting. Responsibilities include operations, supervisory requirements, quality assurance, and compliance with regulations. Planning and management of activity service programs are also included. Occupational therapy discussions will include current topics and issues in practice, promotion of the profession, and the changing role from student to practitioner. (2 lecture hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 2510 Physical Dysfunction**

Credits: 5

The student will learn about physical pathologies, conditions, and disabilities commonly seen in occupational therapy as well as current evidence-based treatment techniques and methods. Treatment applications and rationale will be explored in lecture and laboratory with simulated treatment practice. (4 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 2520 Pediatrics**

Credits: 5

Students will be introduced to commonly treated disorders in children and developmentally disabled individuals. Occupational therapy treatment techniques, rationale and application are presented. Laboratory experience will include entry level treatment skills and simulated treatment practice using purposeful activities (occupation). (4 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into the Occupational Therapy Assistant Program.  
Not part of a TN Transfer Pathway.

**OTAP 2610 Level II A**

Credits: 6

Students will participate in 8 week, full-time (or 320 hours) supervised clinical fieldwork experience in preparation for entry-level practice. Practice settings may include traditional and/or emerging practice areas (ACOTE standards, 2011). Students will integrate academic knowledge, including human growth/development, disease/disability, psychosocial factors, and client-centered, occupation-based treatment interventions in the provision of occupational therapy services across the lifespan. Outside assignments are required. 40 hours/week. (Prerequisites: Acceptance into the Occupational Therapy Assistant Program, all academic coursework must be completed prior to beginning Level II Fieldwork)  
Not part of a TN Transfer Pathway.

**OTAP 2620 Level II B**

Credits: 6

Students will participate in an 8 week, full-time (or 320 hours) supervised clinical fieldwork experience in preparation for entry-level practice. Practice settings may include traditional and/or emerging practice areas (ACOTE standards, 2011). Students will integrate academic knowledge, including human growth/development, disease/disability, psychosocial factors, and client-centered, occupation-based treatment interventions in the provision of occupational therapy services across the lifespan. Outside assignments are required. 40 hours/week (Prerequisites: Acceptance into the Occupational Therapy Assistant Program, all academic coursework must be completed prior to beginning Level II Fieldwork)  
Not part of a TN Transfer Pathway.

**Pharmacy****PHAR 1040 Pharmacy and Therapeutics II**

Credits: 2

Basic principles of pharmacology, including an introduction into dispensing methods of medication, drug classifications, mechanisms of action, proper dosing frequencies, adverse reactions, and drug interactions. Identify medications used in the different body systems for the treatment of various disease processes. (2 lecture hours/week)  
Not part of a TN Transfer Pathway.

**PHAR 1230 Special Projects**

Credits: 3

Independent study of special areas in pharmacy which relate to current topics or research projects. No student may enroll in this course without the prior approval of the program director. (3 hours/week) Prerequisite: Acceptance into Pharmacy Technician Program.  
Not part of a TN Transfer Pathway.

**Physical Education****PHED 1090 Team Games & Conditioning**

Credits: 1

This course implements all the aspects needed to play various types of team sports, including, but not limited to conditioning, weight training, and fundamentals. Course may be repeated up to two times. Instructor Approval. This course may count as an elective credit at a university or in programs that have general electives.  
Not part of a TN Transfer Pathway.

**PHED 1100 Fitness Walking**

Credits: 1

Proper techniques for walking for fitness. Emphasis on health benefits of walking. F, Sp. This course may count as an elective credit at a university or in programs that have general electives.  
Not part of a TN Transfer Pathway.

**PHED 1120 Exercise and Weight Control**

Credits: 1

For those interested in losing body fat and improving physical fitness. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.  
Not part of a TN Transfer Pathway.

**PHED 1150 Special Topics in SCUBA**

Credits: 1

This class is for the certified SCUBA diver who wants to improve their diving skills by taking Professional Association of Diving Instructors (PADI) specialty classes. PADI provides a wide variety of specialty courses designed to give the diver an opportunity to spend more time and receive extensive training in a particular area of expertise and/or to move into the professional ranks of the diving industry. Students will gain specific job-related skills by earning specific PADI specialty certifications. Specialty certifications will also help the diver meet the requirements for progressing to a higher level in their diving career in both the sport and professional ranks. Due to the large number of specialty courses available, only certain specialty courses will be offered during the course. See instructor or class schedule to find out which specialty courses are being offered during the semester. F, Sp (Prerequisite: Beginning Scuba (PHED 1450) or proof of Open Water SCUBA diver certification.)  
Not part of a TN Transfer Pathway

**PHED 1170 Basketball**

Credits: 1

Practice of fundamentals as well as the various types of play. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1190 Varsity Sports I**

Credits: 1

This course is for first year varsity athletes and implements all the aspects needed to play their particular sport. These aspects include conditioning, weight training, fundamentals, and competitive play. Instructor Approval. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway

**PHED 1210 Golf**

Credits: 1

Acquaintance of the beginning player with correct swing, selection and use of the various clubs, and fundamentals. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1220 Flag Football**

Credits: 1

Instruction and practice in exercises, rules, strategies and skill development designed to promote fitness while engaging friendly competition. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1230 Soccer**

Credits: 1

Soccer is an introductory level course designed to help the student develop and maintain an understanding of the fundamental skills and rules for participation in the sport. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1300 Beginning Weight Training**

Credits: 1

An introduction to the proper techniques and practices of weight training. F, Sp. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1340 Tennis**

Credits: 1

Instruction and practice in the development of basic strokes, rules, and terminology, with emphasis on learning to play singles and doubles. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1350 Volleyball**

Credits: 1

Fundamentals, rules, and strategy of play. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1380 Fitness for Living I**

Credits: 1

An individual total fitness program which encompasses these health related components for physical activity: cardiorespiratory endurance, muscular endurance, muscular strength, flexibility and body composition. There will be an additional emphasis on the development of a healthy, well-balanced nutrition plan. F, Sp, Su. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1390 Fitness for Living II**

Credits: 1

A continuation of PHED 1380 (Prerequisite: PHED 1380) F, Sp, Su. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1400 Fitness for Living III**

Credits: 1

An individual fitness program which encompasses these health related components for physical activity: cardio respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. There will be additional emphasis on the development of programs focusing on healthy backs and becoming a smart health consumer. (Prerequisite: PHED 1390) F, Sp, Su. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1410 Fitness for Living IV**

Credits: 1

An individual fitness program which encompasses cardio respiratory endurance, muscular endurance, muscular strength, flexibility and body composition. (Prerequisite: PHED 1400) F, Sp, Su. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1420 Personal Fitness**

Credits: 1

To develop a total fitness program which encompasses cardio respiratory endurance, muscular endurance, muscular strength, and flexibility while participating in an exercise plan tailored to their individual needs by utilizing the equipment and facilities at National Fitness Center in Oak Ridge. (An additional course fee is required for this class) F, Sp

This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1450 Beginning Scuba**

Credits: 1

This course instructs the novice in the skills of SCUBA diving. Emphasis is placed on safety and a pattern of survival in all phases of underwater instruction. Some time will be spent in classroom theory and lecture. A greater part will be spent in pool/lab work and open water dive trips. Field trips are required for certification. Upon successful completion of the course, the student will become a certified SCUBA diver, receiving an Open Water Diver certification from PADI (Professional Association of Diving Instructors) (An additional fee is required for this class) F, Sp, Su

This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1510 Introduction to Fly Fishing**

Credits: 1

This course introduces students to the art and science of fly fishing. Fly fishing is both a meditative and a scientific pursuit. The purpose of this course is to help students develop the skills, tactics and procedures needed for successful fly fishing for trout and warm water fish species. Instruction will include basic fly tying, fly casting, aquatic ecology, fly fishing tactics, angling ethics and cold water conservation. Students will participate in casting, tying knots, lectures, presentations and field trips to a local river.

This course may count as an elective credit at a university or in programs that have general electives.

**PHED 1550 Advanced Scuba**

Credits: 1

Advanced Scuba will provide students with diving exploration, excitement, and experience. Advanced Scuba (PADI Advanced Open Water Diver Course) is focused on these three diving foundations. This course is designed so students can go straight into it after the PADI Open Water Diver Course. Advanced Scuba (PAID Advanced Open Water Diver course) helps students increase their confidence and build additional scuba skills so students can become more comfortable in the water. Advanced Scuba is a great way to get more dives logged while continuing to learn under the supervision of a PADI Dive instructor. Upon satisfactory completion in the class, the student will receive a PADI Advanced Open Water certification card. Advanced Scuba (PADI Advanced Open Water Diver Course) is focused on just diving. The class will introduce students to (and build their skills in) underwater navigation (Learn how NOT to get lost), deeper water diving (typically anywhere between 60-80 feet), (Learn the effects of depth and understanding your limits), fish Identification, and Peak Performance Buoyancy (Learn how to stay off the coral!!!).

This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1560 Skiing**

Credits: 1

Instruction and practice for the development of skiing skills. Class will be held at Ober-Gatlinburg on four sessions. A fee for facility use, ski rental, lift tickets, and insurance will be charged for this activity. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives.

Not part of a TN Transfer Pathway.

**PHED 1750 Concepts of Wellness**

Credits: 2

A course that emphasizes a six-dimensional model of wellness (physical, emotional, occupation, social, spiritual, and intellectual). This course will stress the importance of creating a balance of these dimensions that make up our daily lives. This course will fulfill requirements of one physical education activity course. F, Sp. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**PHED 1800 Cross Training for Fitness**

Credits: 1

This course introduces basic cross-training techniques designed to improve both cardiovascular fitness and muscular strength and endurance. F, Sp. This course may count as an elective credit at a university or in programs that have general electives. Course designed for transfer and part of the TN Transfer Pathways.

**PHED 2030 Intermediate Weight Training**

Credits: 1

An introduction of more advanced weight training terminology, concepts, and instruction in developing a weight training program. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**PHED 2040 Advanced Weight Training**

Credits: 1

Instruction and practice in developing and utilizing a weight training program that incorporates periodization. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**PHED 2050 Recreational Hiking**

Credits: 1

Instruction and experience in hiking for exercise and recreational enjoyment: Fundamentals of hiking, safety concerns, preparation and planning, and use of trail maps. Student will certify that they are in good health and have no medical restrictions for hiking. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**PHED 2060 Snowboarding**

Credits: 1

Instruction and practice for the development of basic skills. Course orientation sessions will include clothing and equipment, exercise and preparation, trail maps, etiquette, and safety. Ski/Snowboarding activities will be at resorts to be arranged for each semester. Fees required for ski rental, group lessons, lift tickets, and insurance; additional fees for travel, meals, and lodging for Colorado excursions. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**PHED 2090 Varsity Sports II**

Credits: 1

This course is for varsity athletes whom have completed one season of varsity competition and implements all the aspects needed to play their particular sport. These aspects include conditioning, weight training, fundamentals, and competitive play. (Prerequisite: Instructor approval.) This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway

**PHED 2100 Teaching of Team & Individual Sports**

Credits: 3

The purpose of this course is to provide learning experiences that will lead to the development of basic skills in team sports and will provide relevant information for the pre-service teacher, including teaching cues, lesson planning, skill progression, fair play and more as it relates to teaching games and sports. This course may count as an elective credit at a university or in programs that have general electives. Course designed for transfer and part of the TN Transfer Pathways.

**PHED 2120 Rescue Diver**

Credits: 1

This is a SCUBA diving class for the advanced diver who wants to improve their diving skills and/or to move into the professional ranks of the diving industry. It is a required course for those divers who want to further their diving career as a Diver Master or SCUBA Instructor. Students will learn to prevent and manage dive-related problems in the water. Students will practice hands-on rescue and problem-solving skills in simulated emergency scenarios in an actual diving environment. Students will gain specific job-related skills by earning the Professional Association of Diving Instructors (PADI) Rescue Diver certification. F (Prerequisite: PHED 1550 or proof of Advanced SCUBA diver certification)

**PHED 2510 Swimming**

Credits: 1

Training for beginners in swimming, emphasizing recreational swimming. A special fee will be charged for this course based on facility rental charges. Course availability determined by dean. This course may count as an elective credit at a university or in programs that have general electives. Not part of a TN Transfer Pathway.

**Philosophy****PHIL 1030 Introduction to Philosophy**

Credits: 3

This is a general introductory course designed to familiarize the student with the basics of philosophical inquiry. In this course we will discuss the 'big' questions of life while looking at some of the answers the great philosophers of the Western tradition have devised. Prerequisites: No prerequisites except the ability to read and write at a college level; and to enjoy a sense of curiosity about life. Students who are unfamiliar with the internet and/or computers will want to spend some time before class starts getting to know the basics. (Pre- or Corequisite: ENGL 1010) F, Sp  
Roane State General Education course approved and designed for transfer.

**PHIL 1040 Introduction to Ethics**

Credits: 3

Critical analysis of the principal ethical theories and their application to the problem of life. (Pre- or Corequisite: ENGL 1010) F  
Roane State General Education course approved and designed for transfer.  
Previously PHIL 121 Elementary Ethics

**PHIL 111 Elementary Logic**

Credits: 3

Study of the principles of reasoning, deductive and inductive fundamentals, and the use of logic as a practical tool for critical thinking. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**PHIL 130 Philosophy Seminar**

Credits: 1 TO 3

Designed to give students an in-depth study of a particular topic in contemporary branches of philosophy. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**PHIL 2200 Introduction to World Religions**

Credits: 3

Introduction to the study of religion through selected historical traditions, East and West. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.  
Roane State General Education course approved and designed for transfer.  
Previously PHIL 201 Introduction to Religions of the World

**PHIL 231 Medical Ethics**

Credits: 3

Deals with ethical issues in allied health fields such as abortion, euthanasia, patient-professional relationships, allocation of medical resources, genetic engineering, and related topics. (Pre- or Corequisite: ENGL 1010) Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**PHIL 2640 Science and the Modern World**

Credits: 3

A philosophical examination of central ideas of modern science and technology.

## Pharmacy Technician

### ***PHRX 1010* Introduction to Pharmacy Practice**

Credits: 3

The course is an introduction to pharmacy practice and the health care systems with emphasis on the role of pharmacy technicians and their relationship with pharmacists. 2 hours lecture and 3 hours laboratory/week. F (Prerequisite: Acceptance into Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1015

### ***PHRX 1020* Pharmacy Practice II**

Credits: 3

The course is an advanced study of pharmacy practice and the health care systems. 2 Lecture and 3 Lab hours/week. Sp (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1301

### ***PHRX 1030* Pharmacy Calculations**

Credits: 4

The course will include mathematical computations essential to pharmacy technicians in a variety of settings. 4 Lecture hours/week. F (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1050

### ***PHRX 1050* Pharmacy Law and Ethics**

Credits: 3

The course will discuss Tennessee state and federal laws which govern the practice of pharmacy. Students will understand the roles of a licensed pharmacist and of pharmacy technicians in various practice settings, laws pertaining to medication safety, distribution, and patient confidentiality. 3 Lecture hours/week. F (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1110

### ***PHRX 2000* Special Topics in Pharmacy Technology**

Credits: 3

The course focuses on topics in pharmacy technology. 3 lecture hours/week. (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program) Course availability determined by program director.

Not part of a TN Transfer Pathway.

### ***PHRX 2010* Pharmacology and Therapeutics**

Credits: 4

The course presents practical knowledge of the general therapeutic classes of drugs and their interactions with the human body. 4 lecture hours/week. F (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1030

### ***PHRX 2030* Sterile Products**

Credits: 3

The course provides an understanding of the fundamentals of sterile product preparation. Topics may include medications and parenteral administration; facilities; equipment; supplies utilized in admixture preparation, techniques utilized in parenteral product compounding; terminology and calculations used in preparation of parenteral products; parenteral medication incompatibilities; and quality assurance in the preparation of parenteral products. 2 lecture hours and 3 laboratory hours/week. Sp (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1135

### ***PHRX 2100* Clinical Pharmacy Experience**

Credits: 4

The course provides practical experience in area pharmacy practice sites. 200 contact hours/semester. Sp (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)

Not part of a TN Transfer Pathway.

Formerly PHAR 1240

**PHRX 2110 Pharmacy Technology Seminar**

Credits: 2

The course is designed to prepare students for national certification. Course will include reviews of all core elements of the PTCB (Pharmacy Technician Certification Board) exam. 2 lecture hours/week. Sp (Prerequisite: Acceptance into the Advanced Pharmacy Technology Program)  
Not part of a TN Transfer Pathway.  
Formerly PHAR 1300

**Physics****PHYS 1010 Introductory Physics I**

Credits: 4

An introductory study of physics involving study of measurement, forces, motion, energy and power, heat, gas laws, hydraulics, and electromagnetism, 3 hours lecture/2 hours lab per week. Course availability determined by dean. (Prerequisite: Completion of Math Learning Support, if required, MATH 1000 or MATH 1010)  
Course designed for transfer and part of the TN Transfer Pathway. Roane State General Education Course approved and designed for transfer (TTP Course).

**PHYS 2010 Non-Calculus Based Physics I**

Credits: 4

Covers mechanics, wave motion, and heat. (Prerequisite: MATH 1130 and MATH 1720 OR MATH 1730 or equivalent) Must be taken in sequence. Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F  
Roane State General Education course approved and designed for transfer. (TTP course)

**PHYS 2020 Non-Calculus Based Physics II**

Credits: 4

Covers electricity and magnetism, optics, and modern physics. (Prerequisite: PHYS 2010) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**PHYS 2110 Calculus-Based Physics I**

Credits: 4

Covers mechanics, wave motion, and heat (Prerequisite: MATH 1910) Must be taken in sequence. Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) F  
Roane State General Education course approved and designed for transfer. (TTP course)

**PHYS 2120 Calculus-Based Physics II**

Credits: 4

Covers electricity and magnetism, optics, and modern physics. (Prerequisite: PHYS 2110) Each student is assessed a lab fee for this course. (3 hours lecture, 3 hours laboratory) Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**Political Science****POLS 1010 Introduction to Political Science**

Credits: 3

An introduction to the analysis of politics and of political systems and political ideologies in various countries. Prerequisite: Completion of Reading Learning Support, if required. Sp  
Roane State General Education course approved and designed for transfer.

**POLS 1030 American Government**

Credits: 3

An introduction to the fundamental institutions and processes of American national politics including the constitution, civil liberties, political parties, voting, the presidency, congress, and the courts. F, Sp  
Roane State General Education course approved and designed for transfer. (TTP course)



**POLS 2025 State and Local Government**

Credits: 3

The course will study state and local government in Tennessee with a general survey of state and local government in the United States. The course will look at the Tennessee Constitution, the three branches and administrative agencies of state government. The course will also examine the organization and powers of municipalities and counties in Tennessee. Prerequisite: Completion of Reading Learning Support, if required. Roane State General Education course approved and designed for transfer.

**POLS 2050 Comparative Politics**

Credits: 3

This course is an introduction to the sub-field of comparative politics. Comparative politics examines the world's different political systems by comparing and contrasting different aspects of them. This process of comparison and contrast is meant to lead to formation of generalizations which can be used to understand a wide range of political phenomena. F, S (Prerequisites: (Prerequisite: Completion of Reading and Writing Learning Support, if required.) Course designed for transfer and part of the TN Transfer Pathway.

**POLS 2140 Tennessee Intercollegiate State Legislature (TISL)**

Credits: 1

An introduction to the institutions and processes of the Tennessee General Assembly and/or the Tennessee judicial system through a mock state legislature and/or court. Students prepare for and participate in the annual Tennessee Intercollegiate State Legislature (TISL). TISL usually takes place from Thursday-Sunday in mid-November. May be repeated for up to 2 hours of credit. Registration must be approved by instructor. F Not part of a TN Transfer Pathway

**Physical Science****PSCI 1030 Survey of Physical Science**

Credits: 4

This is a survey course of the principles of physics and chemistry. Topics from the following areas will be covered: The nature of science, mechanics, energy momentum, sound and light, electricity and magnetism, atomic theory, chemical reactions, nuclear reactions, science and modern life. This course is designed primarily for students in the 2 + 2 education program. Each student is assessed a lab fee for this course. 3 hours lecture, 2 hours laboratory (Prerequisites: Completion of Reading and Math Learning Support requirements, if applicable). F, Sp, Su Roane State General Education Course approved and designed for transfer.

**Polysomnography****PSG 101 Polysomnography I**

Credits: 4

This course covers the International 10-20 system, application of sensors used in polysomnograms, calibrations and functioning of polysomnographic equipment, electrical safety, artifact elimination, and procedures used in performing sleep studies. (3 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into Polysomnography program. Not part of a TN Transfer Pathway.

**PSG 104 Sleep Disorders Diagnosis and Treatments**

Credits: 4

This course covers sleep history; symptoms, diagnosis and treatment of sleep disorders; neuroanatomy, neurophysiology and respiratory anatomy and functioning during sleep; and medical guidelines for polysomnography. (4 lecture hours/week) Prerequisite: Acceptance into Polysomnography program. Not part of a TN Transfer Pathway.

**PSG 107 Polysomnographic EKG Interpretation**

Credits: 3

This course covers identification of cardiac dysrhythmias, anatomy of the heart and abnormal heart rhythms seen during polysomnography. (3 lecture hours/week) Prerequisite: Acceptance into Polysomnography program. Not part of a TN Transfer Pathway.

**PSG 111 Polysomnography II**

Credits: 4

This course covers troubleshooting equipment malfunctions, CPAP, Bi-Level, and Auto-titrating therapy titrations, conducting the all night polysomnogram, MSLTs, MWTs, GER studies and NPT studies. Ancillary equipment and maintenance of polysomnographic equipment. (3 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into Polysomnography program.

Not part of a TN Transfer Pathway.

**PSG 116 Polysomnographic Interpretations**

Credits: 3

This course covers all aspects of polysomnogram interpretation and report calculations. It will include sleep staging, interpretation of normal and abnormal EEG, respiration, body movements and cardiac rhythms. (2 lecture hours, 3 laboratory hours/week) Prerequisite: Acceptance into Polysomnography program.

Not part of a TN Transfer Pathway.

**PSG 120 Clinical I**

Credits: 3

Students will complete rotations at clinical sites to gain experience working with polysomnographic equipment and sleep disorders patients. (120 total clinical hours/semester) Prerequisite: Acceptance into Polysomnography program.

Not part of a TN Transfer Pathway.

**PSG 125 Clinical II**

Credits: 5

Continuation of Clinical I. (240 total clinical hours/semester) Prerequisite: Acceptance into Polysomnography program.

Not part of a TN Transfer Pathway.

**Psychology****PSYC 1030 Introduction to Psychology**

Credits: 3

A survey course dealing with the scientific analysis of human behavior and mental processes. F, Sp, Su  
Roane State General Education course approved and designed for transfer. (TTP course)

**PSYC 2110 Psychology of Adjustment**

Credits: 3

A survey course dealing with adjustment in modern society focusing on a healthy self-concept, coping with psychological stress, and preventing maladjustment. Emphasis on humanistic principles and research. Course availability determined by dean.

Course designed for transfer and part of the TN Transfer Pathways.

**PSYC 2120 Social Psychology**

Credits: 3

Social Psychology focuses on the scientific study of individual behavior in group contexts, group behavior, and associated phenomena. Includes instruction in social learning theory, group theory and dynamics, sex roles, social cognition and inference, attribution theory, attitude formation, criminal behavior and other social pathologies, altruistic behavior, social development, and social ecology. F, Sp

Course designed for transfer and part of the TN Transfer Pathways.

**PSYC 2130 Lifespan Development Psychology**

Credits: 3

A survey course dealing with the physical, cognitive, social and emotional aspects of the human developmental processes—from conception to death. F, Sp, Su

Roane State General Education course approved and designed for transfer. (TTP course)

**PSYC 2210 Biological Basis of Behavior**

Credits: 3

A survey course describing the theories and research involving the role of genetic factors, nervous and endocrine systems and other biological features influencing human behavior and mental processes. Prerequisite: Completion of Reading Learning Support, if required. F, Sp

Roane State General Education course approved and designed for transfer.

Formerly PSYC 2220

**PSYC 2230 Abnormal Psychology**

Credits: 3

Definition of abnormal behavior. Survey of development and treatment of anxiety disorders, affective disorders, schizophrenia, paranoid disorders, personality disorders, organic mental disorders, somatoform disorders, dissociative disorders, childhood disorders, psychosexual disorders, and drug dependence. (Recommended: PSYC 1030) F, Sp

Not part of a TN Transfer Pathway.

**Physical Therapist Assist****PTAT 2170 Professional Development for the PTA**

Credits: 1

This course prepares the PTA student for skills needed to be successful in the broader domain of the health care workforce, with a focus on those attributes and behaviors that apply to the PTA within the clinical environment. 1 hour lecture. Prerequisite: Acceptance into the Physical Therapist Assistant program. Sp

Not part of a TN Transfer Pathway.

Previously PTA 239

**PTAT 2190 Integrated Clinical Education I**

Credits: 1

Integrated clinical education experiences consist of the student's supervised clinical practice of previously learned PTA duties and functions in a physical therapy practice setting under the direction of a licensed physical therapist or physical therapist assistant. Students are required to achieve the program's clinical performance expectations by the end of the clinical education experience (A minimum of 30 clinical contact hours). Prerequisite: Acceptance into the Physical Therapist Assistant program. F

Not part of a TN Transfer Pathway

**PTAT 2191 Integrated Clinical Education II**

Credits: 1

Integrated clinical education experiences consist of the student's supervised clinical practice of previously learned PTA duties and functions in a physical therapy practice setting under the direction of a licensed physical therapist or physical therapist assistant. Students are required to achieve the program's clinical performance expectations by the end of the clinical education experience. (A minimum of 30 clinical contact hours) Prerequisite: Acceptance into the Physical Therapist Assistant program. Sp

Not part of a TN Transfer Pathway

**PTAT 2200 Introduction to Physical Therapy**

Credits: 2

This course introduces the physical therapist assistant student to the history of the physical therapy profession and the PTA, contemporary physical therapy practice and the role of the PTA in relationship to the physical therapist and other health care providers, and the American Physical Therapy Association. Medical terminology and documentation techniques are also introduced in relation to physical therapy practice. 2 hours lecture, online only. An open enrollment course available to all students. F, Sp

Not part of a TN Transfer Pathway.

Previously PTAT 2210

**PTAT 2280 Seminar for the PTA**

Credits: 2

This course provides the PTA student with opportunities to bridge previous course work to a variety of unique clinical perspectives within the practice of physical therapy. This course provides continued opportunities to apply prior learning to the transition from student to successful member of the healthcare team. Prerequisite: Acceptance into the Physical Therapist Assistant program. Su

Not part of a TN Transfer Pathway.

Previously PTA 244

**PTAT 2370 Professional Development for the PTA**

Credits: 3

This course prepares the PTA student for skills needed to be successful in the broader domain of the health care workforce, with a focus on those attributes and behaviors that apply to the PTA within the clinical environment. (3 hours lecture) Prerequisite: Acceptance into the Physical Therapist Assistant program. F

Not part of a TN Transfer Pathway.

Previously PTA 238

**PTAT 2410 Kinesiology for the PTA**

Credits: 4

This course integrates basic and advanced functions of the nervous and musculoskeletal system with emphasis on normal joint structure, muscle attachments, actions and innervations, palpation skills and manual muscle testing. The physical therapist assistant student will apply these concepts to the understanding of normal human motion in relation to physical therapy practice. 3 hours lecture 3 hours lab. Prerequisite: Acceptance into the Physical Therapist Assistant program. F

Not part of a TN Transfer Pathway

Previously PTAT 2401

**PTAT 2440 Biophysical Agents for the PTA**

Credits: 4

This course includes all current theory and practice of biophysical agents for the physical therapist assistant student. Emphasis will be placed on safe and effective application, physiological effects, intervention parameters and expected outcomes. 2 hours lecture and 6 hours laboratory. Prerequisite: Acceptance into the Physical Therapist Assistant program. F

Not part of a TN Transfer Pathway

Previously PTAT 2404

**PTAT 2460 Patient Care Skills for the PTA**

Credits: 4

This course includes all of the fundamental patient care skills, selected data collection and physical therapy interventions for the physical therapist assistant student. 2 lecture hours, 6 lab hours. Prerequisite: Acceptance into the Physical Therapist Assistant program. F

Not part of a TN Transfer Pathway.

Previously PTAT 2406

**PTAT 2493 Terminal Clinical Education I**

Credits: 4

Terminal clinical education experiences consist of the student's supervised clinical practice of previously learned PTA duties and functions in a physical therapy practice setting under the direction of a licensed physical therapist or physical therapist assistant. Students are required to achieve the program's specific clinical performance expectations by the end of the clinical education experience. A minimum of 240 clinical hours. Prerequisite: Acceptance into the Physical Therapist Assistant program. Su

Not part of a TN Transfer Pathway.

Previously PTA 256

**PTAT 2494 Terminal Clinical Education II**

Credits: 4

Terminal clinical education experiences consist of the student's supervised clinical practice of previously learned PTA duties and functions in a physical therapy practice setting under the direction of a licensed physical therapist or physical therapist assistant. Students are required to achieve the program's specific clinical performance expectations by the end of the clinical education experience. A minimum of 240 clinical hours. Prerequisite: Acceptance into the Physical Therapist Assistant program. Su

Not part of a TN Transfer Pathway

Previously PTA 257

**PTAT 2510 Musculoskeletal Conditions and Treatment for the PTA**

Credits: 5

This course introduces the student to the fundamentals of therapeutic exercise as they pertain to orthopedic conditions, arthritis, aging and amputations. There will be opportunity to learn and practice specific treatment techniques for these conditions such as selected examination procedures, demonstrating and teaching therapeutic exercises and writing home exercise programs. 3 hours lecture, 6 hours laboratory/week. Prerequisite: Acceptance into the Physical Therapist Assistant program.

Not part of a TN Transfer Pathway

Previously PTA 235

**PTAT 2520 Neuromuscular Conditions and Treatment for the PTA**

Credits: 5

This course introduces the PTA student to common neuromuscular pathologies, contemporary rehabilitation concepts, and accepted therapeutic interventions for these conditions. Emphasis will be placed on safe and effective application of specific neuromuscular treatment interventions and data collection. 3 lecture hours and 6 lab hours. Prerequisite: Acceptance into the Physical Therapist Assistant program. Sp

Not part of a TN Transfer Pathway.

Previously PTA 236

**PTAT 2530 Medical Surgical Conditions and Treatment for the PTA**

Credits: 5

This course introduces the PTA student to common medical and surgical pathologies of various body systems, contemporary rehabilitation concepts, and accepted therapeutic interventions for these conditions. Emphasis will be placed on safe and effective application of related treatment interventions and data collection. 4 lecture hours, 3 lab hours. Prerequisite: Acceptance into the Physical Therapist Assistant program. Sp  
Not part of a TN Transfer Pathway.  
Previously PTA 214

## Radiologic Technology

**RADT 1200 Introduction to Medical Imaging**

Credits: 2

This course is an overview of the basic aspects and principles of radiologic technology and the health care system. Principles, practices, and policies of health care organizations are examine and discussed. This includes, but not limited to radiation protection, patient care and safety, agency structure and function, as well as radiology ethics. Open to all students. F, Sp, Su (2 lecture hours/week)  
Not part of a TN Transfer Pathway.  
Formerly ALH 103

**Effective 2020 Summer Semester, the following will be changing for RADT 1200:**

The course description is changing to: This course is an overview of the basic aspects and principles of radiologic technology and the health care system. Principles, practices, and policies of health care organizations are examine and discussed. This includes, but not limited to radiation protection, patient care and safety, agency structure and function, as well as radiology ethics. Open to all students. F, Sp, Su (2 lecture hours/week)  
Not part of a TN Transfer Pathway.

**RADT 1210 Radiographic Image Critique I**

Credits: 2

This course provides an evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate position, and technical factors on images in each unity of instruction. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality (2 lecture hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)  
Not part of a TN Transfer Pathway.  
Formerly RDT 103

**Effective 2020 Summer Semester, the following will be changing for RADT 1210:**

The course description is changing to: This course provides an evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate position, and technical factors on images in each unity of instruction. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality (2 lecture hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)  
Not part of a TN Transfer Pathway.

**RADT 1215 Introduction to Radiography**

Credits: 2

This course is a study of the legal and ethical aspects of the radiologic technology profession as well as an introduction to basic patient care techniques for various patient populations. An overall view of professional demands is also presented (2 lecture hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)  
Not part of a TN Transfer Pathway.  
Formerly RDT 130

**Effective 2020 Summer Semester, the following will be changing for RADT 1215:**

The course description is changing to: This course is a study of the legal and ethical aspects of the radiologic technology profession as well as an introduction to basic patient care techniques for various patient populations. An overall view of professional demands is also presented (2 lecture hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)  
Not part of a TN Transfer Pathway.

**RADT 1220 Radiation Biology and Safety**

Credits: 2

This course is a study of the impact of radiation exposure on biological systems, methods for measuring and monitoring radiation, as well as the responsibilities of the radiographer to protect personnel, patients, and the public from excessive exposure. Quantities and units of radiation are discussed in reference to x-ray equipment, radiation protection, and detection devices (2 hours lecture/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)  
Not part of a TN Transfer Pathway.

**RADT 1235 Radiographic Image Critique II**

Credits: 2

This course is a continuation of Radiographic Image Critique I concerning evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate positioning, and technical factors on images in each unit of instruction. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality (2 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program.)

Not part of a TN Transfer Pathway.

Formerly RDT 110

**Effective 2020 Summer Semester, the following will be changing for RADT 1235:**

The course description is changing to: This course is a continuation of Radiographic Image Critique I concerning evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate positioning, and technical factors on images in each unit of instruction. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality (2 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program.)

Not part of a TN Transfer Pathway.

**RADT 1250 Radiographic Digital Imaging**

Credits: 2

This course is an introduction to the principles and techniques of digital radiography. Topics include digital image acquisition, display, and archiving (2 hours lecture/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 1260 Radiographic Practicum I**

Credits: 2

This introduction course is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will be engaged with the proper use of radiographic equipment, along with the development of skills in positioning, patient care, interpersonal communications image analysis, and radiation safety practices. Competence at this introductory level will be evaluated and documented for a selected category of exams (240 total clinical hours). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 106

**Effective 2020 Summer Semester, the following will be changing for RADT 1260:**

The course description is changing to: This introduction course is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will be engaged with the proper use of radiographic equipment, along with the development of skills in positioning, patient care, interpersonal communications image analysis, and radiation safety practices. Competence at this introductory level will be evaluated and documented for a selected category of exams (240 total clinical hours). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 1270 Radiographic Practicum II**

Credits: 2

This course is a continuation of Radiographic Practicum I and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will build upon their foundation and continue the proper use of radiographic equipment, along with the development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. Competence at this continued level will be evaluated and documented for a selected category of exams (240 total clinical hours). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 107

**Effective 2020 Summer Semester, the following will be changing for RADT 1270:**

The course description is changing to: This course is a continuation of Radiographic Practicum I and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will build upon their foundation and continue the proper use of radiographic equipment, along with the development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. Competence at this continued level will be evaluated and documented for a selected category of exams (240 total clinical hours). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 1330 Radiographic Procedures I**

Credits: 3

This course is an introduction to the basic principles of positioning as applied to radiographic imaging. Topics include general procedural considerations, anatomical landmarks, and factor selection for each unit of instruction or radiographic study covered in the course (2 hours lecture, 2 hours laboratory/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 113

**Effective 2020 Summer Semester, the following will be changing for RADT 1330:**

The course description is changing to: This course is an introduction to the basic principles of positioning as applied to radiographic imaging. Topics include general procedural considerations, anatomical landmarks, and factor selection for each unit of instruction or radiographic study covered in the course (2 hours lecture, 2 hours laboratory/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 1340 Radiographic Procedures II**

Credits: 3

This course provides a continuation of Radiographic Procedures I concerning the principles of position as applied to radiographic imaging. Topics include general procedural considerations, anatomical landmarks, and factor selection for each unit of instruction or radiographic study covered in the course (2 lecture and 2 lab hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program.)

Not part of a TN Transfer Pathway.

Formerly RDT 114

**Effective 2020 Summer Semester, the following will be changing for RADT 1340:**

The course description is changing to: This course provides a continuation of Radiographic Procedures I concerning the principles of position as applied to radiographic imaging. Topics include general procedural considerations, anatomical landmarks, and factor selection for each unit of instruction or radiographic study covered in the course (2 lecture and 2 lab hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program.)

Not part of a TN Transfer Pathway.

**RADT 1380 Radiation Physics**

Credits: 3

This course is an in-depth study of concepts of radiation physics. Emphasis will be placed on the x-ray tube, circuitry, production and emission, as well as photon interaction with matter (3 lecture hrs/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 225

**Effective 2020 Summer Semester, the following will be changing for RADT 1380:**

The course description is changing to: This course is an in-depth study of concepts of radiation physics. Emphasis will be placed on the x-ray tube, circuitry, production and emission, as well as photon interaction with matter (3 lecture hrs/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 1385 Radiographic Equipment Operation**

Credits: 3

This is an introductory course that discusses the role of radiographic equipment operation. It will provide the basic material necessary to identify the necessity of radiation protection, digital imaging supplies, equipment, and principles of radiographic production (3 lecture hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program.)

Not part of a TN Transfer Pathway.

**RADT 1390 Principles of Image Acquisition**

Credits: 3

This course is a study of factors impacting the creation and recording of the radiographic image. Topics include basic principles of radiographic techniques, image production, and exposure (3 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 122

**Effective 2020 Summer Semester, the following will be changing for RADT 1390:**

The course description is changing to: This course is a study of factors impacting the creation and recording of the radiographic image. Topics include basic principles of radiographic techniques, image production, and exposure (3 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2115 Radiographic Image Critique III**

Credits: 1

This course is a continuation of Radiographic Image Critique II concerning evaluation of radiographic image criteria. Topics will include identification of anatomical structures, accurate position, and technical factors on images in each unit of instruction. An emphasis will be placed on problem solving to determine the appropriate changes needed to obtain optimal image quality (1 lecture hr/week). Su (Prerequisites: BIOL 2010, 2020; all learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 203

**RADT 2145 Special Topics**

Credits: 1

This course is a study of emerging issues/technologies, specialized content not represented in the main curriculum, or current/timely topics within the radiology arena. Special topics course offerings may vary from semester to semester. The class may be retaken for credit if the topic varies (1 lecture hour/week). Course availability determined by program director. (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.



**RADT 2210 Radiographic Pathology**

Credits: 2

This course introduces concepts related to disease, signs and symptoms, and etiological considerations for several body systems. Emphasis is on radiographic appearance of disease and impact on exposure factor selection (2 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 227

**Effective 2020 Summer Semester, the following will be changing for RADT 2210:**

The course description is changing to: This course introduces concepts related to disease, signs and symptoms, and etiological considerations for several body systems. Emphasis is on radiographic appearance of disease and impact on exposure factor selection (2 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2250 Advanced Patient Care**

Credits: 2

This course is a study of various aspects of patient care during advanced radiographic procedures. Adaptation to patient populations and conditions as well as critical thinking will be emphasized (1 lecture hour, 2 laboratory hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 215

**Effective 2020 Summer Semester, the following will be changing for RADT 2250:**

The course description is changing to: This course is a study of various aspects of patient care during advanced radiographic procedures. Adaptation to patient populations and conditions as well as critical thinking will be emphasized (1 lecture hour, 2 laboratory hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2260 Radiographic Practicum III**

Credits: 2

This course is a continuation of Radiographic Practicum II and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will continue the progressive use of radiographic equipment, along with enhanced development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. In addition, improvement of critical thinking and problem solving skills for non-routine situations will be highlighted. Competence at this progressive level will be evaluated and documented for a selected category of exams (240 hours clinical experience). Su (Prerequisites: BIOL 2010, 2020; all learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 108

**Effective 2020 Summer Semester, the following will be changing for RADT 2260:**

The course description is changing to: This course is a continuation of Radiographic Practicum II and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will continue the progressive use of radiographic equipment, along with enhanced development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. In addition, improvement of critical thinking and problem solving skills for non-routine situations will be highlighted. Competence at this progressive level will be evaluated and documented for a selected category of exams (240 hours clinical experience). Su (Prerequisites: BIOL 2010, 2020; all learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2295 Radiographic Seminar**

Credits: 2

This course is an advanced level course designed to study and discuss radiographic principles, techniques, and methods. The knowledge of the profession is enhanced through group discussion, research, and writing. An emphasis will be placed on the synthesis of skills and information needed to exercise independent judgement in the performance of medical imaging procedures (2 lecture hrs/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2330 Radiographic Procedures III**

Credits: 3

This course is a continuation of Radiographic Procedures II concerning the principles of positioning as applied to radiographic imaging. Topics include general procedural considerations, anatomical landmarks, and factor selection for each unit of instruction or radiographic study covered in the course. Su (2.5 hours lecture and 1 hour laboratory/week).

Not part of a TN Transfer Pathway.

**RADT 2335 Radiographic Procedures IV**

Credits: 3

This course provides an introduction to advanced procedures and specialty imaging areas. Topics include myelography, CT, MRI, radiation therapy, ultrasound, and interventional radiology (2 lecture hours, 2 laboratory hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 212

**Effective 2020 Summer Semester, the following will be changing for RADT 2335:**

The course description is changing to: This course provides an introduction to advanced procedures and specialty imaging areas. Topics include myelography, CT, MRI, radiation therapy, ultrasound, and interventional radiology (2 lecture hours, 2 laboratory hours/week). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2370 Radiographic Practicum IV**

Credits: 3

This course is a continuation of Radiographic Practicum III and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will demonstrate intermediate use of radiographic equipment, along with enhanced development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. In addition, continued improvement of critical thinking and problem solving skills for non-routine situations will be highlighted, along with special exams. Competence at this intermediate level will be evaluated and documented for a selected category of exams (360 total clinical hours). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 206

**Effective 2020 Summer Semester, the following will be changing for RADT 2370:**

The course description is changing to: This course is a continuation of Radiographic Practicum III and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will demonstrate intermediate use of radiographic equipment, along with enhanced development of skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. In addition, continued improvement of critical thinking and problem solving skills for non-routine situations will be highlighted, along with special exams. Competence at this intermediate level will be evaluated and documented for a selected category of exams (360 total clinical hours). F (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2380 Radiographic Practicum V**

Credits: 3

This course is a continuation of Radiographic Practicum IV and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will demonstrate advanced use of radiographic equipment, along with the display of professional level skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. Advanced improvement of critical thinking and problem solving skills for non-routine situations will be exhibited along with exposure to special exams. Competence at this advanced level will be evaluated and documented for a selected category of exams (360 total clinical hours). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 207

**Effective 2020 Summer Semester, the following will be changing for RADT 2380:**

The course description is changing to: This course is a continuation of Radiographic Practicum IV and is designed for students to participate in radiographic examinations under approved supervision in the clinical setting. Experience in a variety of procedures will assist students in applying theory and developing specified levels of competence. Students will demonstrate advanced use of radiographic equipment, along with the display of professional level skills in positioning, patient care, interpersonal communications, image analysis, and radiation safety practices. Advanced improvement of critical thinking and problem solving skills for non-routine situations will be exhibited along with exposure to special exams.

Competence at this advanced level will be evaluated and documented for a selected category of exams (360 total clinical hours). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

**RADT 2385 Radiographic Capstone**

Credits: 3

This course serves as a culminating experience in which students are expected to apply knowledge gained from their education in Radiological Sciences. This course is designed to provide a final demonstration of knowledge while preparing students to meet the goal of passing the registry. The purpose of this capstone course is to facilitate the integration and synthesis of content through mock testing, soft skills training and critical thinking; it is also a turning point for the student from education to professional practice (3 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

Formerly RDT 226

**Effective 2020 Summer Semester, the following will be changing for RADT 2385:**

The course description is changing to: This course serves as a culminating experience in which students are expected to apply knowledge gained from their education in Radiological Sciences. This course is designed to provide a final demonstration of knowledge while preparing students to meet the goal of passing the registry. The purpose of this capstone course is to facilitate the integration and synthesis of content through mock testing, soft skills training and critical thinking; it is also a turning point for the student from education to professional practice (3 lecture hours/week). Sp (Prerequisites: All learning support classes, if needed, must be completed prior to enrollment in this course and formal acceptance into the Radiologic Technology Program)

Not part of a TN Transfer Pathway.

## Reading

**READ 0562 Reading Learning Support**

Credits: 3

For students who have placed into Reading Learning Support (RLS). READ 0562 is designed to develop college-level reading competence through instruction in comprehension skills, vocabulary development, reading study strategies, and the application of skills in the context of reading tasks associated with the required co-requisite course, HUM 262—Introduction to Humanities: Great Works or PSYC 1030: Introduction to Psychology. Discussion of reading passages in targeted small-group settings is a focus of the class, as is writing about reading. Higher-order critical and creative thinking—the ability to interpret, analyze, synthesize, and evaluate—is consistently emphasized. Computerized instruction allows students to strengthen discrete reading skills. Students who successfully complete the READ 0562 course—or successfully complete the co-requisite course (HUM 262 or PSYC 1030)—earn a passing grade and also complete RLS requirements, making them eligible to register for other college-level classes with reading prerequisites. READ 0562 does not satisfy graduation requirements. (Co-requisite: HUM 262 or PSYC 1030) F, Sp, SU

Not part of a TN Transfer Pathway.

## Respiratory Care

### **RESP 1220 Introduction to Clinical Practice**

Credits: 2

Introduction to Clinical Practice covers the basic respiratory therapy procedures encountered in the student's first clinical practice. Topics include basic life support, introduction to the clinical affiliate, medical gas therapy, bedside patient assessment and aerosol therapy. Laboratory experience precedes in-hospital care (12 hrs. Clinical per week). Sp (Prerequisites: Admission to the Respiratory Care Program, Completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 1225 Cardiopulmonary Pharmacology**

Credits: 2

Cardiopulmonary Pharmacology studies the different classes of drugs that affect the cardiopulmonary system. Topics include routes of administration, drug calculations, indications, modes of action, adverse reactions and assessment of effectiveness (2 Lecture hours/week). F (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 1310 Cardiopulmonary Pathophysiology**

Credits: 3

Cardiopulmonary Pathophysiology studies common diseases and disorders affecting the cardiopulmonary system including the etiology, pathophysiology, clinical presentation and treatment (3 Lecture hrs/week). Sp (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 1320 Cardiopulmonary Physiology**

Credits: 3

Cardiopulmonary Physiology provides an in-depth study of the physiology of the cardiopulmonary system. Topics include the mechanics of breathing, ventilation/perfusion relationships, gas transport mechanisms and neurologic control of ventilation. Maintenance of acid/base balance and the interpretation of arterial blood gases are also discussed (3 Lecture hrs/week). F (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 1410 Fundamentals of RC I**

Credits: 4

Fundamentals of Respiratory Care I introduces the student to the Respiratory Care Profession. Topics covered include professional organizations, licensure, terminology, medical gas therapy, equipment cleaning, isolation techniques and basic patient assessment (3 Lecture and 3 Lab hours/week). F (Prerequisites: Admission to Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 1420 Fundamentals of RC II**

Credits: 4

Fundamentals of Respiratory Care II is a continuation RESP 1410, Fundamentals of Respiratory Care 1. Topics covered in this course include basic respiratory care modalities such as hyperinflation and airway clearance therapies and airway management (3 Lecture and 3 Lab hours/week). Sp (Prerequisites: Admission to Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 2120 Respiratory Care Seminar**

Credits: 1

Respiratory Care Seminar is a review of the NBRC Self-Assessment Examinations including the therapist multiple choice exam and the clinical simulation exam. Students must pass a mock TMC exam prior to completion of the Respiratory Care program (1 Lecture hr/week). Sp (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

### **RESP 2230 Introduction to Critical Care**

Credits: 2

Introduction to Critical Care introduces the student to the critical care environment. Students will continue to develop those skills learned in prior clinical courses with the addition of airway management techniques and blood gas punctures (16 Clinical hrs/week). Su (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)

Not part of a TN Transfer Pathway.

**RESP 2310 Comprehensive ACLS**

Credits: 3

Comprehensive Advanced Cardiac Life Support is an introduction to common cardiac emergencies encountered by pre-hospital care providers in adult and child populations. Emphasis is on the recognition and management of emergencies related to the respiratory and cardiovascular systems. This course covers interpretation of EKG rhythm strips, treatment algorithms, and introduction to ischemia, injury and infarction patterns in 12-lead EKGs. Upon successful completion of this course, students will be ACLS and PALS trained by AHA standards (3 Lecture hrs/week). Sp (Prerequisites: Admission to Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2320 Fundamentals of RC IV**

Credits: 3

Fundamentals of Respiratory Care IV introduces students to special therapeutic and diagnostic procedures in Respiratory Care. Elements of home care to include: equipment, patient/environmental assessment, and state/federal regulations. Theory and introduction to special diagnostics such as bronchoscopy, stress testing, pulmonary rehabilitation, metabolic studies, and pulmonary function studies will also be included. Patient education methods will be introduced. Care of patients in the subacute care area will also be introduced (3 Lecture hrs/week). Sp (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2330 Hemodynamic Monitoring**

Credits: 3

Hemodynamic Monitoring introduces the student to the theory and application of cardiac output measurement. Arterial line insertion techniques and care, and hazards will also be discussed. Hemodynamic studies will include; insertion, care, and hazards of flow directed balloon tipped catheters and the central venous pressure catheter, along with a discussion of central venous pressures, right atrial pressures, right ventricular pressures, pulmonary artery pressures, and pulmonary occluding pressures. This study will also introduce the student to equipment associated with hemodynamic monitoring such as transducers and monitoring of electrocardiograms will be introduced to include; lead application, pharmacology for the cardiovascular problems, and tracing interpretation (3 Lecture hrs/week). F (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2341 Clinical Practice II**

Credits: 3

Clinical Practice II is a continuation of RESP 1220, Introduction to Clinical Practice. Competency is to be gained in airway management therapies, institution of mechanical ventilation; non-invasive monitoring; arterial blood sampling and analysis along with quality assurance techniques (16 Clinical hrs/week). F (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2370 Neonatal Respiratory Care**

Credits: 3

Neonatal Respiratory Care covers the development and physiology of the fetal and neonatal cardiopulmonary systems including fetal circulation, lung development, the delivery process and changes required for transition to life outside the uterus. Neonatal and pediatric pulmonary disorders will be overviewed and the treatment of these disorders will be explored with an emphasis on respiratory care techniques (3 Lecture hrs/week). F (Prerequisites: Admission to the the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2440 Mechanical Ventilation**

Credits: 4

Mechanical Ventilation discusses the indications for and techniques of mechanical ventilation including initiation and modification of settings (3 Lecture and 3 Lab hours/week). Su (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2457 Clinical Practice III**

Credits: 4

Clinical Practice III is a continuation of RESP 2341, Clinical Practice II. Competency is to be gained in neonatal and pediatric respiratory care, in particular rotations through NICU and PICU. Concludes with individual preceptorship rotations in which the student will gain competency and increase efficiency in all clinical aspects of respiratory care. (24 Clinical hrs/week). Sp (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**RESP 2460 Fundamentals of RC III**

Credits: 4

Fundamentals of Respiratory Care III is a continuation of RESP 2440. Concepts of ventilator discontinuation will be discussed, along with various types of ventilators and techniques for monitoring and adjusting parameters. Evaluation of ventilator graphics will be introduced with an explanation of how to make appropriate ventilator adjustments based on graphic interpretation. The administration of non-invasive ventilation will also be discussed (3 Lecture and 3 Lab hours/week). F (Prerequisites: Admission to the Respiratory Care program, completion of Reading, Writing, and Math Learning Support, if required)  
Not part of a TN Transfer Pathway.

**Service Learning****SERV 1010 Service Learning Practicum**

Credits: 1 TO 3

This course is designed to provide students with an opportunity to enrich their college experience by taking part in projects designed to promote community services and self-discovery. While the emphasis of the course may vary, according to the instructor, the main goal of the course will always be to promote community service and discovery learning. Students will access community needs, discuss them, analyze them and act on them. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**SERV 1020 Service Learning Practicum II**

Credits: 3

This course is designed to provide students with an opportunity to further enrich their college experience by taking part in projects designed to promote community services and self-discovery. While the emphasis of the course may vary, according to the instructor, the main goal of the course will always be to promote community service and discovery learning. Students will access community needs, discuss them, analyze them and act on them. (Prerequisite: SERV 1010)  
Not part of a TN Transfer Pathway

**Sociology****SOCI 1010 Introduction to Sociology**

Credits: 3

This course focuses on the analysis of human social interaction, patterned social relationships, and social change. Emphasis is placed on the theoretical perspectives and principles of explanation used by sociologists, as well as the basic concepts such as culture, socialization, social organization, social deviance, and social stratification. F, Sp, Su  
Roane State General Education course approved and designed for transfer. (TTP course)

**SOCI 1040 Social Problems**

Credits: 3

This course focuses on the study of the scope and effects of a number of societal problems. Attention is given to research findings as well as social programs and policies that have been or can be taken to attempt to solve the problems. Some possible social problems examined include social inequality, social change, environmental concerns, population and resource challenges, violence, war, and issues related to death and dying. Prerequisite: Completion of Reading Learning Support, if required. F, Sp  
Roane State General Education course approved and designed for transfer. (TTP course)  
Formerly SOCI 1020

**Spanish****SPAN 1010 Beginning Spanish I**

Credits: 3

Elementary grammar, pronunciation and conversation through the use of films, videotapes, cassette tapes, filmstrips and computer programs. (No prerequisite) F  
Roane State General Education course approved and designed for transfer. (TTP course)

**SPAN 1020      Beginning Spanish II** Credits: 3

Continuation of Beginning Spanish I. (Prerequisite: SPAN 1010.) Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**SPAN 2010      Intermediate Spanish I** Credits: 3

Advanced grammar and conversation through use of films, videotapes, cassette tapes, filmstrips, computer programs and library readings.  
(Prerequisite: SPAN 1020) F  
Roane State General Education course approved and designed for transfer. (TTP course)

**SPAN 2020      Intermediate Spanish II** Credits: 3

Continuation of Intermediate Spanish I. (Prerequisite: SPAN 2010) Sp  
Roane State General Education course approved and designed for transfer. (TTP course)

**Social Science****SSC 210      Social Science Seminar** Credits: 1 TO 3

In-depth analysis of a particular topic, concern, or problem in the social sciences. Courses may be oriented toward any one of the social science disciplines (history, political science, psychology, sociology-anthropology) or may be cross disciplinary in nature combining several social sciences. Social Science elective credit only. Some examples of frequently offered Social Science Seminars include: African American History; The Civil War; Death and Dying; European Studies; Human Sexuality; North American Indians; The Southwest Field Trip; Women in Western Civilization; and World War II. Course availability determined by dean.  
Not part of a TN Transfer Pathway.

**SSC 211      Southwest Field Trip** Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archaeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp  
Not part of a TN Transfer Pathway.

**SSC 212      Southwest Field Trip** Credits: 3

The Southwest Field Trip is a multidisciplinary study of the prehistoric and historic peoples and cultures of the 'Four Corner' area of the American southwest, including the ecology and geology of the region. Primary attention is given to the Ancestral Puebloans, ancient Native American peoples who lived throughout the Colorado Plateau. The focus of the class may include contributions or considerations from anthropology, archaeology, astronomy, biology, geography, geology, history, literature, mathematics, and social sciences. Sp  
Not part of a TN Transfer Pathway.

**Surgical Technology****SURG 1102      Orientation to Surgical Tech** Credits: 1

An introduction to principles, techniques and issues in the operating room environment. Topics include professional management and healthcare facility information. (Co-requisites: SURG 1410, SURG 2310, BIOL 2020, HIMT 1300)

**SURG 1305      Surgical Pharmacology** Credits: 3

An introduction to basic Pharmacology with emphasis on terminology, drugs and techniques used in the operating room, medication measurements and delivery, types and actions of medication, routes of administration, drug calculations and scenarios, and medications used in surgery. (co-requisites: SURG 2420, SURG 2321, BIOL 2230)

**SURG 1410 Surgical Tech & Patient Care I**

Credits: 4

An introduction to principles, techniques and issues in the operating room environment. Topics include surgical team practice, patient care concepts and practice with an emphasis on operating room furniture, instrumentation, equipment and supplies, establishment and maintenance of the sterile field, and skills necessary for preoperative, intraoperative and postoperative case management. 3 hours lecture/4 hours lab per week. (Co-requisites: SURG 1102, SURG 2310, BIOL 2020, HIMT 1300)

**SURG 2020 Surgical Procedures I**

Credits: 3

Surgical Procedures I focuses on anatomy, physiology, pathophysiology, diagnostic intervention, surgical intervention, postoperative patient care considerations, prognosis complications, and wound classification/management. Twelve surgical sub-specialties are reviewed. (Prerequisite: Acceptance into the Surgical Technology program. Corequisite: SURG 2901) 6 Lecture Hours/week  
Not part of a TN Transfer Pathway

**SURG 2030 Surgical Procedures II**

Credits: 3

Surgical Procedures II is a continuation of SURG 2020 and focuses on anatomy, physiology, pathophysiology, diagnostic intervention, surgical intervention, postoperative patient care considerations, prognosis complications, and wound classification/management. Twelve surgical sub-specialties are reviewed. (Prerequisite: Acceptance into the Surgical Technology program. Corequisite: SURG 2020) 6 Lecture Hours/week  
Not part of a TN Transfer Pathway

**SURG 2103 Clinical Practicum I**

Credits: 1

Clinical experience allows a student to affiliate with healthcare facilities under the joint supervision of the school and professional staff of affiliated clinical sites to provide practical clinical work experience in an operating room setting. 150 total clinical hours. (Co-requisites: SURG 2330, SURG 2201, COMM 2025)

**SURG 2201 Clinical Practicum II**

Credits: 2

A continuation of Clinical Practicum I. Students will continue to affiliate with healthcare facilities to provide clinical work experience in an operating room setting. 1 hour class per week/150 total clinical hours. (Co-requisites: SURG 2330, SURG 2103, COMM 2025)

**SURG 2302 Clinical Practicum III**

Credits: 3

A continuation of Clinical Practicum II. Students will complete their affiliation with healthcare facilities to finish their clinical work experience requirement in an operating room setting. 1 hour class/300 total clinical hours. (Prerequisites: BIOL 2010, BIOL 2020, BIOL 2230)

**SURG 2310 Surgical Microbiology & Asepsis**

Credits: 3

This course is a presentation of microbial techniques and concepts. Emphasis is placed on applying these concepts in the operating room environment. 2 hours lecture/4 hours lab per week. (Co-requisites: SURG 1102, SURG 1410, BIOL 2020, HIMT 1300)

**SURG 2321 Surgical Procedures I**

Credits: 3

An overview of the relevant anatomy, pathophysiology (including tumors, inflammation, infection, and fluid and hemodynamic disorders), surgically treatable diseases and disorders, preparations, diagnostic interventions, instrumentation, purpose, intervention, postoperative patient care considerations and expected outcome for surgical procedures covered in the course. 2 hours lecture/4 hours lab per week. (Co-requisites: SURG 2420, SURG 1305, BIOL 2230)

**SURG 2330 Surgical Procedures II**

Credits: 3

A continuation of Surgical Procedures I. Students will complete their study of the relevant anatomy, pathophysiology (including tumors, inflammation, infection, and fluid and hemodynamic disorders), surgically treatable diseases and disorders, preparations, diagnostic interventions, instrumentation, purpose, intervention, postoperative patient care considerations and expected outcome for surgical procedures covered in the course. 2 hours lecture/4 hours lab per week. (Co-requisites: SURG 2103, SURG 2201, COMM 2025)

**SURG 2420 Surgical Patient Care II**

Credits: 4

Surgical Technology and Patient Care II builds on content learned in SURG 1410. Students continue with more in depth study of surgical team practice, patient-care concepts and practices. Students continue studies in surgical procedures, incisions, wound healing, operating, pathology and common applications along with application of surgical patient care in the lab. 3 hours lecture/4 hours lab per week. (Co-requisites: SURG 1305, SURG 2321, BIOL 2230)



**SURG 2900 Clinical Practicum I**

Credits: 1

Clinical Practicum I allows the student to affiliate with the area hospitals under the joint supervision of Walters State and the professional staffs of the hospitals' surgical units to provide practical clinical work experience in an actual hospital operating room setting. (Prerequisite: Acceptance into the Surgical Technology program) 150 Total Clinical Hours/semester  
Not part of a TN Transfer Pathway

**SURG 2901 Clinical Practicum II**

Credits: 2

Clinical Practicum II is a continuation of SURG 2900. (Prerequisite: Acceptance into the Surgical Technology program and SURG 2900) 15 lecture hours and 150 total clinical hours/semester  
Not part of a TN Transfer Pathway

**SURG 2902 Clinical Practicum III**

Credits: 3

Clinical Practicum III is a continuation of SURG 2901. (Prerequisite: Acceptance into the Surgical Technology program and SURG 2901) 15 lecture hours and 300 total clinical hours/semester  
Not part of a TN Transfer Pathway

**Social Work****SWRK 2010 Introduction to Social Work**

Credits: 3

Emergence of the social work profession. Professional mission, knowledge, skills and values. Practice settings, client groups, helping services, career patterns, and practice methods. Designed to assist students to consider their ability for careers in social work. F, Sp (Prerequisites: Completion of Reading & Writing Learning Support, if required)  
Course designed for transfer and part of the TN Transfer Pathway.

**Theatre****THEA 1015 Acting I**

Credits: 3

Fundamentals of Acting will emphasize the mechanics (vocal and physical) of presenting a character on stage. F  
Course designed for transfer and part of the TN Transfer Pathways.  
Previously THEA 231 Fundamentals of Acting I

**Effective 2020 Summer Semester, the following will be changing for THEA 1015:**

The course description is changing to: Fundamentals of Acting will emphasize the mechanics (vocal and physical) of presenting a character on stage. F  
Course designed for transfer and part of the TN Transfer Pathways.

**THEA 1025 Stage Craft I**

Credits: 3

The Stagecraft course is intended to introduce the student to props, scenery, and costume production as well as to the tools, materials, construction techniques, exploration of the terminology, mechanical drawings, practical application in the design areas, and stage machinery used in these areas of theatrical production.  
Course designed for transfer and part of the TN Transfer Pathways.  
Previously THEA 1520

**Effective 2020 Summer Semester, the following will be changing for THEA 1025:**

The course description is changing to: The Stagecraft course is intended to introduce the student to props, scenery, and costume production as well as to the tools, materials, construction techniques, exploration of the terminology, mechanical drawings, practical application in the design areas, and stage machinery used in these areas of theatrical production.  
Course designed for transfer and part of the TN Transfer Pathways.

**THEA 1030 Introduction to Theatre**

Credits: 3

A survey course in theatre covering the history and development of Western drama. This course will emphasize drama as production rather than as literature. F, Sp

Roane State General Education course approved and designed for transfer.

**THEA 110 Theatre History I**

Credits: 3

A study of the Greek Period to the Restoration. The development of drama and the theatre; critical study of representative plays of the period. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 111 Theatre History II**

Credits: 3

A study of the Restoration to Present. The development of drama and the theatre; critical study of representative plays of the period. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 115 Costuming**

Credits: 3

Designed to meet individual needs for advanced study in costume for entertainment and the arts. Topic to be determined at time of scheduling. A minimum of 40 hours of laboratory work required. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 117 Lighting Design**

Credits: 3

Designed to meet individual needs for advanced study in lighting for entertainment and the arts. Topic to be determined at time of scheduling. A minimum of 40 hours of laboratory work required. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 119 Scenic Design**

Credits: 3

Lectures and practical experience in planning and designing settings for the stage. Emphasis on forms and styles of scenery, historical period research designers, and theatrical materials, methods, and techniques. Major projects in set design. A minimum of 40 hours of laboratory and/or crew requirement. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 2015 Acting II**

Credits: 3

Improvisations, use of acting techniques in extensive work. Emphasis placed on special problems in contemporary roles. (Prerequisite: THEA 1015 or permission of instructor) Sp

Not part of a TN Transfer Pathway.

Previously THEA 232 Fundamentals of Acting II

**Effective 2020 Summer Semester, the following will be changing for THEA 2015:**

The course description is changing to: Improvisations, use of acting techniques in extensive work. Emphasis placed on special problems in contemporary roles. (Prerequisite: THEA 1015 or permission of instructor) Sp

Not part of a TN Transfer Pathway.

**THEA 233 Fundamentals of Play Directing**

Credits: 3

Play analysis, production concepts, staging, theory and techniques; rehearsal methods and procedures. Introduction of scene work. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 234 Dramatic Theory**

Credits: 3

Selected major playwrights linked by theme or a particular genre of dramatic theory; and intensive examination of plays which either survey playwrights' careers or represent a significant portion of genre's canon. Course availability determined by program director.

Not part of a TN Transfer Pathway.

**THEA 235 Intro to Theatre Technology**

Credits: 3

An introduction to the tools and methods used in modern theatrical productions, including scenery construction, lighting and sound design, and stage management technologies. F

Not part of a TN Transfer Pathway.

**THEA 2510 Theatre Production Practicum I**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. F, Sp

Not part of a TN Transfer Pathway.

**THEA 2520 Theatre Production Practicum II**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2510) F, Sp

Not part of a TN Transfer Pathway.

**THEA 2530 Theatre Production Practicum III**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2520) F, Sp

Not part of a TN Transfer Pathway.

**THEA 2540 Theatre Production Practicum IV**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2530) F, Sp

Not part of a TN Transfer Pathway.

**THEA 2550 Theatre Production Practicum V**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester (Prerequisite: THEA 2540). F, Sp

Not part of a TN Transfer Pathway.

**THEA 2560 Theatre Production Practicum VI**

Credits: 1

Field experience course offering practical experience for students working in on-campus and off-campus technically oriented or performance oriented theatre activities. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each semester. (Prerequisite: THEA 2550) F, Sp

Not part of a TN Transfer Pathway.

## Vision Eye Care Technolog

**VECT 1330 Geometric Optics for Opticians**

Credits: 3

Surveys basic elements of geometric optics. Explores the basic theories of light, the electromagnetic spectrum, shadows and pinhole cameras, refraction at a plane surface, critical angle and internal reflection, lateral shift, apparent depth, prisms, mirrors, thin lenses and image formation. Emphasizes ray tracing and calculations. 3 lecture hours/week (Prerequisite: College-level General Education Math course)

Not part of a TN Transfer Pathway.

Formerly OPTI 1330

**VECT 1410 Introduction to Vision Care Technology**

Credits: 4

A general overview of the field of Opticianry, intended to provide the student with a broad base for more advanced study. Included is the history of Opticianry, the visual sense, basic geometric optics, normal and abnormal vision, lens theory and design, frame design and principles of decentration, government regulations and licensure, as well as an introduction to the ophthalmic dispensing clinic. (3 lecture/3 lab hours / week)

Not part of a TN Transfer Pathway.

Formerly OPTI 1410

**VECT 1420 Ophthalmic Dispensing I**

Credits: 4

A continuation of Introduction to Opticianry to include frame fit and adjustment, prescription analysis, visual acuity, resolving prisms, influence of vertex distance on prescription, and introduction to presbyopia. (3 lecture/3 lab hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 1420

**VECT 1430 Anatomy and Physiology of the Eye**

Credits: 4

A detailed study of the structures and functions of the eye and its adnexa, as well as an overview of common ocular pathologies. (4 lecture hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 1430

**VECT 1440 Ophthalmic Materials I**

Credits: 4

This course is designed to introduce the student to the most commonly used ophthalmic devices, and the physical make-up of these devices. This includes single vision lenses, spectacle frames, and bifocal lenses, with special emphasis on how these devices are produced. Also included is an introduction to fabrication of lenses, developing a basis for layout, blocking, grinding, and verification procedures. (3 lecture / 3 lab hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 1440

**VECT 1450 Contact Lenses I**

Credits: 4

An introduction to the fitting of contact lenses, following the history of contact and the development of new contact lens materials. Advantages and disadvantages of these materials are outlined, as well as indications and contra-indications to contact lens wear. Emphasis is placed on the optical principles behind contact lens correction, and the introduction of basic skills with related instrumentation. (3 lecture/3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 1450

**VECT 2140 Practicum**

Credits: 1

Supervised fieldwork in a retail dispensary under a licensed optician, optometrist, or ophthalmologist. (120 total hours/semester)

Not part of a TN Transfer Pathway.

Formerly OPTI 2140

**Effective 2020 Summer Semester, the following will be changing for VECT 2140:**

The course description is changing to: To complete 45 hours of on-the-job training under the direct supervision of a Tennessee licensed optician, optometrist, or ophthalmologist. (45 total hours/semester) Prerequisites: VECT 1330, 1410, 1420, 1430, 1440, 1450.

Not part of a TN Transfer Pathway.

Formerly OPTI 2140

**VECT 2410 Ophthalmic Dispensing II**

Credits: 4

A continuation of Ophthalmic Dispensing I to include the optical properties of spectacle lenses and their relationship to the patient's refractive error, the spectacle management of presbyopia, the spectacle management of high power prescriptions and prescription analysis. (3 lecture/3 clinic hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2410

**VECT 2420 Ophthalmic Materials II**

Credits: 4

A continuation of Ophthalmic Materials I, stressing: multifocal lenses - bifocals, trifocals, occupationals, blended and progressives. Increased hands-on experience with lens edging, including insertion, removal, and bench adjustment or spectacles. ANSI standards applied to all lab work. (3 lecture/3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2420

**VECT 2430 Contact Lenses II**

Credits: 4

Continuation of Contact Lenses I with increased attention to lens selection and design. Fitting philosophies of hydrogel and gas permeable contact lenses are put into practice, and follow-up care is stressed. Insertion, removal, and diagnostic skills are increased. (3 lecture/3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2430

**VECT 2460 Ophthalmic Dispensing III**

Credits: 4

A continuation of Ophthalmic Dispensing II to include advanced prescription analysis, clinical astigmatism, fashion spectacle dispensing, aniseikonia, low vision care, clinical types of hyperopia, ocular injuries and emergencies, visual field anomalies, orthoptics, prosthetic eyes, ophthalmic instrumentation, and theory of refraction. Prerequisite: Acceptance into the Opticianry Program. (3 lecture/3 clinic hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2460

**VECT 2470 Ophthalmic Materials III**

Credits: 4

A continuation of Ophthalmic Materials II to include cataract eyewear, glass lens tempering, high minus lens designs/materials, and a variety of specialty lenses. Practice management including: ordering, inventory, duty to warn, equipment maintenance, semantics and salesmanship. Licensed professional responsibilities are presented, along with the latest trends (fashion, technological breakthroughs). Advanced spectacle fabrication in the lab, to include: semirimless mounts, various repairs, progressive lenses, bifocal projects, and prism RXs. Prerequisite: Acceptance into the Opticianry Program. (3 lecture hours, 3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2470

**VECT 2480 Contact Lenses III**

Credits: 4

Continuation of Contact Lenses II, dealing mainly with special fitting problems and special lens design. Practice management techniques are included, as well as continued use of all needed instrumentation. Prerequisite: Acceptance into the Opticianry Program. (3 lecture/3 laboratory hours/week)

Not part of a TN Transfer Pathway.

Formerly OPTI 2480

## Web Technology

**WEBT 2300 Client-Side Programming (JavaScript)**

Credits: 3

This course teaches web developers how to use the features of a scripting language to design client-side, platform-independent solutions. Students learn to write client-side programs, control program flow, validate forms, and work with dynamic content and styles. (Prerequisite: CITC 1300) S

Not part of a TN Transfer Pathway.

## Wellness

**WELL 1010 Lifetime Wellness**

Credits: 3

In this course, students will expand their knowledge and understanding of optimal health and wellness as it relates to their personal lives. Students will learn to evaluate their present health condition, make decisions for a healthy future and also plan and implement changes for a healthy lifestyle.

F, Sp

Roane State General Education course approved and designed for transfer.

## Courses Via TN eCampus Delivery

### Biology

#### **BIOL 1010**    **Biology I and Lab**

Credits: 4

TN eCampus course: This course introduces the student to the methods of biological science. It explores the chemical basis of life; cell structure and function including energy metabolism; cell division; DNA and gene regulation; Mendelian and molecular genetics; the process of evolution; speciation; mechanisms for the origin of life on earth; the principles of systematics; the prokaryotes and the Kingdom Protists. (Prerequisites - must be eligible for enrollment in ENGL 1010) Equivalent to RSCC's BIOL 1110.

Note: This course is for Non-Science majors.

#### **BIOL 1020**    **Biology II and Lab**

Credits: 4

TN eCampus course: This course introduces the student to the diversity of life on earth, looking in more detail at the fungi, plants and animals. The structure and function of flowering plants is reviewed. Animal anatomy (tissues, organs and organ systems), physiology, reproduction and development are covered with an emphasis on humans. The final section of the course covers the principles of ecology. (Prerequisites - must be eligible for enrollment in ENGL 1010) Equivalent to RSCC's BIOL 1120.

Note: This course is for Non-Science majors.

#### **BIOL 1430**    **Nutrition**

Credits: 3

TN eCampus course: A study of nutrients and their relationship to human growth, development, and maintenance. Special emphasis is given to the role of foods and the nutrients they contain, with regard to the physiological, psychological, and sociological well-being of the individual. Practical analysis of food records and application of nutritional knowledge will be included. (Prerequisites: Completion of English and Writing remediation) Equivalent to RSCC's HEA 201.

### English

#### **ENGL 0810**    **Writing Learning Support**

Credits: 3

TN eCampus course: Writing Learning Support is a three-credit course of study of basic essay writing required for success in college-level courses. ENGL 0810 does not satisfy graduation requirements. (Co-requisite: ENGL 1010 via TN eCampus delivery) Not a part of a TN Transfer Pathway.

### Health Information Mgt

#### **HIMT 2308**    **Professional Practice Experience II**

Credits: 3

TN eCampus course: This course is a study of supervisory and management functions. There is a focus on planning, organizing, staffing, directing and controlling in healthcare organizations. Special emphasis will study managerial techniques to supervise, motivate, counsel, lead, train and communicate with staff in health information services. (Prerequisites: Admission to HIT program at CAHIIM accredited home school; BIOL 2010, HIT 1010, HIT 1011, HIT 1111, HIT 1131, HIT 1140, HIT 2111, HIT 2121, HIT 2130, HIT 2131, HIT 2140)

#### **HIMT 2312**    **Seminar in Health Information Technology**

Credits: 3

TN eCampus course: This course is a capstone course of research and testing based on all domains and knowledge clusters of the HIMT curriculum to prepare the student for national certification. (Prerequisites: Admission to HIMT program at CAHIIM accredited home school; BIOL 2010, HIT 1010, HIT 1011, HIT 1111, HIT 1131, HIT 1140, HIT 2111, HIT 2121, HIT 2130, HIT 2131, HIT 2140)

Formerly HIT 2250

## Mathematics

### ***MATH 0810* Math Learning Support 1**

Credits: 3

TN eCampus course: This co-requisite course contains topics which directly support the content in MATH 1530 Probability and Statistics. It contains the five TBR approved mathematical competencies which include: the study of real numbers and operations, operations with algebraic expressions, graph analysis, equations solving, modeling and critical thinking. MATH 0810 does not satisfy graduation requirements. (Co-requisite: MATH 1530 via TN eCampus delivery)

Not a part of a TN Transfer Pathway.

### ***MATH 1005* Algebra Essentials**

Credits: 3

TN eCampus course: This course includes operations with polynomials, analysis of quadratic functions and graphs, solving quadratic equations, and other types of functions. The course is designed to prepare the student for algebra intensive courses. Equivalent to MATH 1000.

NOT a part of a TN Transfer Pathway.

## Reading

### ***READ 0810* Reading Learning Support**

Credits: 3

TN eCampus course: This co-requisite course covers the TBR approved reading competencies which consists of the following skills and strategies: determining stated and implied main ideas, recognizing supporting details, identifying organizational patterns, using context to develop vocabulary, and reading critically as well as strategically. READ 0810 does not satisfy graduation requirements. (Co-requisite: HUM 1010 or PSYC 1030 via TN eCampus delivery)

Not a part of a TN Transfer Pathway.

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