

2003–2004 Catalog

ROANE STATE COMMUNITY COLLEGE

Main Campus Roane County	276 Patton Lane Harriman, TN 37748 (865) 354-3000 1-866-GO2-RSCC ext. 4390 Fax (865) 882-4562 http://www.roanestate.edu
Oak Ridge Branch Campus	701 Briarcliff Avenue Oak Ridge, TN 37830 (865) 481-2000 1-866-GO2-RSCC ext. 2100
Campbell County Center	2107 Jacksboro Pike 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
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
Scott County Center	410 W.H. Swain Boulevard Huntsville, TN 37756 (423) 663-3878 1-866-GO2-RSCC ext. 4694

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ACADEMIC CALENDAR - Fall Semester 2003**FULL TERM**

WEB Registration Begins	Wednesday	April 23
Faculty Report	Monday	August 11
Last Day for 100% Refund	Friday	August 15
Classes Begin	Monday	August 18
Last Day to Add Classes or Register Late	Thursday	August 21
Last Day to Change from Audit to Credit	Thursday	August 21
Last Day for 75% Refund	Friday	August 29
Labor Day Holiday	Monday	September 1
Last Day for 25% Refund	Friday	September 12
Graduation Applications for Fall Due	Monday	September 15
Fall Break	Mon-Wed	October 13-15
Last Day to Withdraw from Classes	Wednesday	October 29
Last Day to Change from Credit to Audit	Wednesday	October 29
Thanksgiving Holiday	Thurs-Fri	November 27- 28
Last Day of Classes	Monday	December 8
Exam Period	Tues-Thurs	December 9-11
Grades Due in Records Office	Friday	December 12

NOTE: Accelerated, 8 Week and Weekend College observe the same holidays and breaks as Full Term classes.

ACCELERATED TERMS (Five Weeks)*

Last Day for 100% Refund for Term I	Friday	August 15
Term I Begins	Monday	August 18
Last Day for 75% Refund for Term I	Thursday	August 21
Last Day for 25% Refund for Term I	Monday	August 25
Last Day to Withdraw from Term I	Wednesday	September 10
Term I Ends	Monday	September 22
Last Day for 100% Refund for Term II	Monday	September 22
Term II Begins	Tuesday	September 23
Last Day for 75% Refund for Term II	Friday	September 26
Last Day for 25% Refund for Term II	Wednesday	October 1
Fall Break	Mon-Wed	October 13-15
Last Day to Withdraw from Term II	Friday	October 17
Term II Ends	Monday	November 3
Last Day for 100% Refund for Term III	Wednesday	October 29
Term III Begins	Thursday	October 30
Last Day for 75% Refund for Term III	Friday	October 31
Last Day for 25% Refund for Term III	Tuesday	November 7
Last Day to Withdraw from Term III	Friday	November 21
Term III Ends	Monday	December 8

*Please refer to the RSCC Web page for the specific dates of each accelerated class, keyword: MGT.

8 WEEK CLASSES

Classes Begin	Monday	August 18
Classes End	Monday	October 27

WEEKEND COLLEGE

Classes Begin	Friday	August 22
Classes End	Saturday	December 6

ACADEMIC CALENDAR - Spring Semester 2004**FULL TERM**

WEB Registration Begins	Thursday	November 13
Faculty Report	Monday	January 5
Last Day for 100% Refund	Wednesday	January 7
Classes Begin	Thursday	January 8
Last Day to Add Classes or Register Late	Tuesday	January 13
Last Day to Change from Audit to Credit	Tuesday	January 13
Martin Luther King Holiday	Monday	January 19
Last Day for 75% Refund	Thursday	January 22
Last Day for 25% Refund	Thursday	February 5
Graduation Applications for Spring/Summer Due	Monday	February 16
Spring Break	Mon-Fri	March 8-12
Last Day to Withdraw from Classes	Thursday	March 25
Last Day to Change from Credit to Audit	Thursday	March 25
Academic Festival	TBA	TBA
Good Friday/Easter Holiday	Fri-Sun	April 9-11
Last Day of Classes	Monday	May 3
Exam Period	Tues-Thurs	May 4-6
Grades Due in Records Office	Friday	May 7
Graduation	Friday	May 7

NOTE: Accelerated, 8 Week and Weekend College observe the same holidays and breaks as Full Term classes.

ACCELERATED TERMS (Five Weeks)*

Last Day for 100% Refund for Term I	Wednesday	January 7
Term I Begins	Thursday	January 8
Last Day for 75% Refund for Term I	Friday	January 9
Last Day for 25% Refund for Term I	Friday	January 16
Last Day to Withdraw from Term I	Friday	January 30
Term I Ends	Friday	February 16
Last Day for 100% Refund for Term II	Wednesday	February 11
Term II Begins	Thursday	February 12
Last Day for 75% Refund for Term II	Friday	February 16
Last Day for 25% Refund for Term II	Friday	February 20
Last Day to Withdraw from Term II	Friday	March 5
Term II Ends	Monday	March 29
Last Day for 100% Refund for Term III	Wednesday	March 24
Term III Begins	Thursday	March 25
Last Day for 75% Refund for Term III	Friday	March 26
Last Day for 25% Refund for Term III	Friday	April 2
Last Day to Withdraw from Term III	Tuesday	April 20
Term III Ends	Monday	May 3

*Please refer to the RSCC Web page for the specific dates of each accelerated class, keyword: MGT.

8 WEEK CLASSES

Classes Begin	Thursday	January 8
Classes End	Thursday	March 4

WEEKEND COLLEGE

Classes Begin	Fri-Sat	January 9-10
Classes End	Saturday	May 1

INTERSESSION

May 8-May 31

ACADEMIC CALENDAR - Summer Semester 2004**FULL TERM**

WEB Registration Begins	Monday	April 5
Last Day for 100% Refund	Friday	May 28
Classes Begin	Tuesday	June 1
Last Day to Add Classes or Register Late	Thursday	June 3
Last Day to Change from Audit to Credit	Thursday	June 3
Last Day for 75% Refund	Friday	June 4
Last Day for 25% Refund	Friday	June 11
Fourth of July Holiday	Monday	July 5
Last Day to Withdraw from Classes	Wednesday	July 7
Last Day to Change from Credit to Audit	Wednesday	July 7
Last Day of Classes	Monday	July 26

FIRST TERM

Last Day for 100% Refund for Term I	Friday	May 28
Classes Begin	Tuesday	June 1
Last Day for 75% Refund for Term I	Thursday	June 3
Last Day to Add Classes or Register Late	Thursday	June 3
Last Day to Change from Audit to Credit	Thursday	June 3
Last Day for 25% Refund	Monday	June 7
Last Day to Withdraw from Classes	Thursday	June 17
Last Day to Change from Credit to Audit	Thursday	June 17
Last Day of Classes	Monday	June 28

SECOND TERM

Last Day for 100% Refund	Monday	June 28
Classes Begin	Tuesday	June 29
Last Day to Add Classes or Register Late	Thursday	July 1
Last Day to Change from Audit to Credit	Thursday	July 1
Last Day for 75% Refund	Thursday	July 1
Last Day for 25% Refund	Friday	July 2
Fourth of July Holiday	Monday	July 5
Last Day to Withdraw from Classes	Friday	July 16
Last Day to Change from Credit to Audit	Friday	July 16
Last Day of Classes	Monday	July 26

NOTE: First Term Contemporary Management accelerated courses begin May 25 and end June 24.

Second Term Contemporary Management accelerated courses begin June 29 and end

July 29.

Please Note:

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 but is no guarantee that they will not be changed or revoked. However, adequate and reasonable notice will be given to students 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 rules and regulations affecting students to be effective whenever determined by the institution. Enrollment of all students is subject to these conditions.

Current information may be obtained from the following sources:

Admission Requirements—Admissions Office

Course Offerings—Division Offering Course

Degree Requirements—Academic Divisions

Fees and Tuition—Business Office

Roane State Community College provides the opportunity for students to increase their knowledge by providing instruction in the various disciplines and programs through faculty who, in the opinion of Roane State Community College, are qualified for teaching at the college level. The acquisition and retention of knowledge by any student is, however, contingent upon the student's desire and ability to learn and his or her application of appropriate study techniques to any course or program. Thus, Roane State Community College must necessarily limit representation of student preparedness in any field of study to that competency demonstrated at that specific point in time at which appropriate academic measurements were taken to certify course or program completion.

Welcome to Roane State Community College!

We are pleased that you are considering our college as you make important decisions about your future. The 2003-2004 catalog will provide you with valuable information to help you choose the educational program that is right for you. For over thirty years, Roane State has been opening doors of opportunity to students within an expanded 10-county service area. Whether you are a recent high school graduate, a working adult seeking to upgrade your professional skills, or are thinking of entering college after a long absence from the classroom—Roane State has a multitude of programs and services to meet your needs and even change your life.

We know that today's society places multiple demands on our students' busy lives, so we have designed many options to help students meet their educational goals. In addition to high-quality traditional day and evening classes, we offer web classes, accelerated programs, and a Weekend college. On each of our seven campuses spread throughout our service area we have also harnessed the power of the latest technology to provide instruction via two-way interactive video and via the Internet. Students can even complete an entire degree program online by enrolling in the Regents Online Degree Program. Our website at www.roanestate.edu has more information about this and many other programs and services.

We are proud of our tradition as an affordable high quality institution. Our dedicated faculty and staff provide enhanced learning environments designed to create options for you to expand your horizons, explore new opportunities, and map your pathway to the future.

We look forward to your arrival at Roane State.

Dr. Wade B. McCamey
President

LIST OF ACADEMIC PROGRAMS

Program	Degree(s) Awarded	Page
Agriculture	A.S.	93
Art	A.A., A.S.	94
Art Education	A.S.	95
Biology	A.S.	96
Business Administration	A.S.	97
Business Education	A.S.	98
Business Management Technology	A.A.S.	131
Accounting		131
Business Administration		132
Business Management		133
Computer Science		134
Office Administration Information Technology		135
Chemistry	A.S.	99
Computer Art & Design	A.A., A.S., Certificate	100, 170
Computer Science	A.S.	101
Contemporary Management	A.A.S.	136
Criminal Justice	A.A.S.	137
Dental Hygiene Technology	A.A.S.	146
Diagnosis & Procedural Coding	Certificate	173
Early Childhood Education	A.S., A.A.S.	102, 139
Elementary Education	A.S.	103
Emergency Medical Technology	Certificate	174
English	A.A., A.S.	104
Environmental Health Technology	A.A.S.	140
Forestry	A.S.	105
General	A.A., A.S.	106
General Technology	A.A.S.	141
Geographic Information Systems	A.A.S., Certificate	142, 170
Health Information Technology	A.A.S., Certificate	147
Math/Physical Science	A.S.	107
Medical Transcription	Certificate	177
Music	A.A., A.S.	108
Music Education	A.S.	109
Nursing (RN)	A.A.S.	148

Program	Degree(s) Awarded	Page
Occupational Therapy Assistant	A.A.S.	154
Office Information Technology	Certificate	171
Opticianry	A.A.S.	156
Paralegal Studies	A.A.S.	164
Paramedic	Certificate	176
Physical Therapist Assistant	A.A.S.	157
Police Management	Certificate	172
Polysomnography	Certificate	179
Pre-Dentistry	A.S.	112
Pre-Engineering	A.S.	110
Pre-Law	A.S.	111
Pre-Medicine	A.S.	112
Pre-Nursing	A.S.	113
Pre-Pharmacy	A.S.	114
Pre-Veterinary	A.S.	115
Radiologic Technology	A.A.S.	159
Respiratory Therapy Technology	A.A.S.	162
Secondary Education	A.S.	116
Social Science	A.A., A.S.	117
Social Services	A.A.S.	165
Somatic Therapy (Massage Therapy)	Certificate	179
Special Education	A.S.	118
Technical Communications	A.A.S.	166
Wildlife and Fisheries	A.S.	119

CAMPUS OFFICE DIRECTORY

SUBJECT	OFFICE
Academic Standing, Probation, Suspension, and Reinstatement	Records and Registration
Adding/Dropping Classes	Records and Registration
Admission to the College	Admissions Office
Advanced Placement	Records and Registration
Advisor Assignments	Counseling & Career Services
Alumni	Alumni Relations
Appeal of Parking and Traffic Tickets	Student Services (Roane County) Administrative Office (Oak Ridge)
Articulation	Articulation
Auditing Courses	Records and Registration
Books and Supplies	Bookstore
Bulletin Board Information Approval	Student Services
Career Planning	Counseling & Career Services
Class Attendance	Faculty Advisors or Student Services
College at Home Courses	Distance Education
College Publications	Marketing & Public Relations
Course Information	Records and Registration
Credit by Examination	Records and Registration
Course Overload Approval	Dean of Enrollment Management
Disabilities	Disability Services
Disciplinary Action	Student Services
Financial Aid & Scholarships	Financial Aid Office
Grades and Grading	Records and Registration
Graduation	Counseling & Career Services
Identification Cards	Student Services (Roane County) Business Office (Oak Ridge)
Insurance	Student Services
Intramurals	Student Activities
Library Services	Library
Loans, Scholarships, Work-Study	Financial Aid Office
Lost and Found	Switchboard/Reception Area
Motor Vehicle Registration	Student Services (Roane County) Business Office (Oak Ridge)
Non-Credit Courses	Community Services
Payment of College Obligations	Business Office
Payment of Parking and Traffic Tickets	Business Office
Personal Counseling	Counseling & Career Services
Public Relations	Public Relations
Registration	Records and Registration
Scheduling College Facilities	Continuing Education
Small Business Development	Continuing Education
Student Organizations and Activities	Student Activities
Testing (ACT, Compass, GED)	Testing Center
Transfer College Credit	Records and Registration
Veterans Benefits	Financial Aid
Weekend College	Oak Ridge Administrative Office
Withdrawal from College	Records and Registration
Workshops and Seminars	Continuing Education

CAMPUS TELEPHONE DIRECTORY**General Information**

	ROANE COUNTY	OAK RIDGE
Articulation/Advising	882-4597	
Academic Development	882-4675	
Academic Affairs, Vice President	882-4513	
Admissions Office	882-4523	481-2030
Alumni Relations	882-4503	
Athletics	882-4581	
Bookstore	882-4671	481-2006
Business Office	882-4515	481-2014
Business and Technology	882-4600	
Centers for Training and Development	882-4612	
Center for Teaching Arts & Tech.	882-4556	
Community Services, Non-Credit	882-4509	
Computer Training Center		483-8453
Continuing Education	882-4607	
Counseling & Career Services	882-4546	481-2003
Dean of Enrollment Management & Main Campus	882-4524	
Dean of Satellite Campuses		481-2001
Dean of Student Services	882-4550	
Dental Clinic		481-2016
Disability Services	882-4546	481-2003
Distance Education	882-4602	
Exposition Center	882-4590	
Financial Aid/Veterans Affairs	882-4545	481-2036
General Information	354-3000 1-866-GO2-RSCC	481-2000
Graduation Analyst	882-4528	
Health Sciences	882-4594	
Humanities	882-4567	
Institutional Research	882-4669	
Learning Center	882-4677	481-2026
Library	882-4553	481-2004
Math/Science	882-4533/4591	
Nursing	882-4605	481-2007
Oak Ridge Administrative Office		481-2001
Placement Office	882-4695	481-2003
President	882-4501	
Public Relations	882-4505	
Records and Registration	882-4526	481-2002
Roane State Foundation	882-4507	
Security & Maintenance	882-4565	481-2020
Small Business Development Center		483-2668
Social and Behavioral Sciences	882-4582	
Student Activities	882-4638	481-2024
Student Government Association	882-4620	481-2024
Testing Center	882-4661	481-2000 x2251
Theatre	882-4607	

OTHER LOCATIONS

Campbell County (LaFollette)	423-562-7021 or 882-4534
Cumberland County (Crossville)	931-456-9880 or 882-4532
Loudon County (Lenoir City)	865-986-1525 or 882-4670
Scott County (Huntsville)	423-663-3878 or 882-4694
Knox County (Energy Education)	865-531-8051
Knox County (Health Sciences)	865-539-6904
Knox County (Emergency Medical Services)	865-539-6905
Knox County (Nursing)	865-539-1134

COLLEGE HISTORY

Roane State Community College serves an eight-county area in East Tennessee including Roane, Anderson, Cumberland, Scott, Loudon, Campbell, Fentress, and Morgan counties. In addition to these counties, Roane State's Health Sciences service area also includes Knox and Blount counties.

Roane State provides opportunities for transfer education, career education, continuing education, and developmental education. Designed for students who plan to transfer to senior institutions, the Roane State academic transfer curricula include two years of instruction in the humanities, mathematics, natural sciences, and social sciences to build a strong liberal arts background during the freshman and sophomore years. Roane State graduates transfer to senior institutions in-state such as the University of Tennessee, Tennessee Technological University, Middle Tennessee State University, East Tennessee State University, and many out-of-state universities and professional schools.

Roane State's career preparation programs train students in business management, health sciences, office administration, police science, and other fields for students desiring associate degrees or certificates. The ever increasing demand for people to work under the supervision of the scientist, the engineer, the physician, and the business professional has led to the development of a wide range of career education options.

Continuing education opportunities are provided through a variety of non-credit courses that do not require admission to the college. These courses are offered for personal enrichment, for compliance with business and industrial requirements, for specific technological information and for general cultural benefits.

Roane State continues to respond to state and federal mandates to promote "Excellence in Education." Programs are continually evaluated by students, faculty, and alumni to ensure successful transfer or career placement upon graduation. The college seeks to serve those students who are serious about the challenge of education for a more productive life. An Honors Program for gifted students was implemented in the fall of 1985.

A general education core curriculum including the humanities, arts, math, and sciences is required of all degree program graduates. Roane State has also implemented the state educational initiative to require all graduates to be computer literate. New career programs introduced in 1989 to meet employment demands now and in the future included Environmental Health Technology, Opticianry, and Emergency Medical Technician/Paramedic. A new Occupational Therapy Assistant program was added to the curriculum in 1992.

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. In May of 1970, Dr. Cuyler A. Dunbar was selected as the first president of the college. After beginning classes in the fall of 1971 at a temporary location, RSCC occupied the first permanent building on Patton Lane in August 1973.

Groundbreaking for the second building on the Roane State campus was held in January 1977. This three-story Technology Building, which houses the expanding career education programs, 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 Teaching Arts and Technology Center. 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. The new facility has received tremendous support from the community and continues to grow as services are expanded. Phase I of the East Tennessee Agricultural Exhibition Center was completed in 1988 at the Roane County campus. The facility has hosted a variety of agricultural, civic and community events.

With 18 years of service to the college, President Dunbar resigned from 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 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, former Scott Countian who now resides in Fayette, Alabama. McDonald generously provided a \$1 million gift to help build the new Roane State facility. The center's library was named after Scott County native Howard H. Baker, Jr., former senator and Reagan White House chief-of-staff. Baker's memorabilia and world-renowned photographs are displayed in the new library. 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 in April 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 at the new facility 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 as well as significant financial contributions. 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 leased facility in Knox County to accommodate its Center for Health Sciences that serves the expanded service area of Knox and Blount counties. The facility houses classrooms and labs for nursing, medical laboratory technology, 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 new, 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 branch campus facility.

On October 12, 2001, dedication ceremonies were held to celebrate the opening of a new 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 where the center now stands.

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. Dr. McCamey has over 22 years experience in the Tennessee Board of Regents system including, most recently, five years as Vice President for Academic Affairs at Walters State Community College.

Roane State now serves more than 5,200 students who are enrolled for credit. Approximately 5,000 students are served yearly through non-credit courses, programs, and workshops.

Locations

The Roane County campus of Roane State Community College consists of 138 acres located near the cities of Harriman, Kingston, and Rockwood in Roane County, Tennessee. The site is near the intersection of Patton Lane and U.S. Highway 70 and is easily accessible from Interstate 40, U.S. 27, and U.S. 70. The Oak Ridge Branch campus is located at 701 Briarcliff Avenue.

To more effectively serve the higher education needs in Roane State's service delivery area, RSCC and Tennessee Technological University entered into a cooperative agreement for the provision of higher education services at the Scott and Cumberland County Higher Education Centers. Roane State provides general education for students wishing to transfer to four-year colleges or universities, technical and career education programs, and developmental education for students lacking an adequate academic background. TTU provides undergraduate junior and senior level courses as well as graduate courses.

The following centers are now in full operation:

Scott County Higher Education Center, Huntsville, Tennessee

Cumberland County Higher Education Center, Crossville, Tennessee

Campbell County Higher Education Center, LaFollette, Tennessee

Knox County Health Sciences Center, Knoxville, Tennessee

Loudon County Higher Education Center, Lenoir City, Tennessee

In addition to the main campus in Roane County, the branch campus in Oak Ridge and the higher education centers, the college also offers classes in Fentress County.

ACCREDITATION

Roane State Community College is accredited by the Commission on Colleges of The Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the associate degree. The college's career preparation programs are accredited as follows:

Dental Hygiene	Commission on Dental Accreditation of the American Dental Association
EMT-Paramedic	Committee on Accreditation of Educational Programs for the EMS Professions—CoAEMSP and Commission on Accreditation of Allied Health Education Programs
Health Information Technology	Committee on Accreditation of Allied Health Education Programs (CAAHEP), in collaboration with the American Health Information Management Association's Council on Accreditation

Nursing	National League for Nursing Accreditation Commission 61 Broadway New York, NY 10006 Phone: (212) 363-5555
Occupational Therapy Assistant	Accreditation Council for Occupational Therapy Education
Opticianry	Commission on Opticianry Accreditation
Physical Therapist Assistant	Commission on Accreditation in Physical Therapy Education
Radiologic Technology	Joint Review Committee on Education in Radiologic Technology
Respiratory Therapy Technology	Committee on Accreditation for Respiratory Care (CoARC) and Commission on Accreditation of Allied Health Education Programs.

STATEMENT OF MISSION AND PURPOSE

Roane State's vision is to become the comprehensive learning center for its communities, providing powerful and flexible environments for service and learning that will enhance the lives and workplace readiness of students seeking the knowledge and skills needed for diverse roles in the 21st century.

Roane State Community College is a comprehensive, public, two-year post-secondary institution and a member of the State University and Community College System governed by the Tennessee Board of Regents. Through a firm commitment to affordable access and equal opportunity for all protected groups, Roane State serves the higher education needs of a widely diverse eight-county service area which includes Roane, Anderson, Loudon, Campbell, Scott, Cumberland, Morgan, and Fentress counties and expands to include Knox and Blount counties for the delivery of health technologies. With seven staffed locations and a wide range of distance learning offerings, Roane State brings the benefits of higher education within the reach of all who live and work in these different communities.

Roane State awards the associate of arts and associate of science degrees to students who wish to transfer to a four-year college or university. For those students seeking immediate career opportunities, licensure, or professional skill upgrading, Roane State awards the associate of applied science degree as well as technical and academic certificates of credit. The college offers career programs in business-related fields for the 21st century workplace and has achieved regional and national distinction for the diversity and quality of its programs in the field of health care. To meet the needs of students who must balance multiple career and family priorities with their educational goals, Roane State offers programs in flexible and convenient instructional formats. To facilitate a seamless transition through all stages of the educational process, Roane State is committed to developing and maintaining cooperative partnerships with area K-12 schools as well as four-year institutions.

Roane State is committed to providing all students a challenging and nurturing learning environment which encourages and inspires them to meet the high expectations and standards needed for responsible citizenship and to embrace the concept of learning as a lifelong endeavor. The college is committed to preparing all its students to demonstrate the attainment of critical thinking skills, communication skills, personal and professional goals and values, respect for diverse ideas and cultures, and a sense of the global community.

Roane State serves the workforce development needs of its communities by working in partnership with area business and industry to provide customized training, on-site at the workplace, locally at one of Roane State's centers, or through a variety of distance learning options. The college also serves as a valuable resource for cultural, aesthetic, and recreational opportunity and enjoyment for its communities.

Just as Roane State values lifelong learning as the key to thriving in a complex and rapidly changing world, so too the college embraces technology as the driver which will power those changes and is committed to integrating the most efficient and effective uses of technology throughout the institution for the enhancement of learning and of service.

Roane State's success can only be measured by the success of its students and by its reputation as a valued and vibrant community learning center. The ongoing assessment of educational outcomes and administrative objectives and a firm commitment to the change and evolution necessary to ensure continuous improvement will enable the college to fulfill its vision for those it serves.

Roane State remains committed to the education of a non-racially identifiable student body and promotes diversity and access without regard to race, gender, religion, national origin, age, disability, or veteran status.

ACADEMIC PROGRAMS

Roane State offers many challenging and rewarding degree programs. Detailed information about each program can be found beginning on page 93.

DISTANCE EDUCATION

(865) 882-4602

The Distance Education Office provides credit programs and services to support the educational needs of local business and industry. Courses can be offered on campus, at a business or community site during day, evening, or weekends in a variety of delivery modes.

Distance Education offers flexible and convenient educational opportunities through the College at Home video/audio/telecouse and on-line courses. Testing services for College at Home students are provided through the Counseling and Career Resource Center on the Roane County Campus and on the Oak Ridge Branch Campus.

The IDEA (Interactive Distance Education Access) live interactive system is also a part of the Distance Education program and links students and instructors through two-way audio and video transmission. IDEA classrooms, in Roane County, Oak Ridge, Campbell County, Cumberland County, Loudon County and Scott County, allow students to attend classes at the site closest to their home or work.

CENTERS FOR TRAINING AND DEVELOPMENT

(865) 882-4612

The Centers for Training is a division of Roane State's Office of Continuing Education. The many centers in this division provide training and consulting services to local business and industry. Emphasis is placed on identifying the targeted need of the client and customizing the services provided to accomplish the goal in a cost effective manner. The centers within this division are:

Center for Business and Industry - Roane County Campus - (865) 882-4612

- Teambuilding
- Retreat Facilitation
- Project Management
- Basic Skills Development
- Performance Based Training
- Business Consulting
- Profiles International
- Customized training per client request

Center for Health Sciences - Knox County Center - (865) 539-6904

- Emergency Services Training
- Pharmacy Technician
- Wilderness First Aid
- Health Care Leadership
- Customized training per client request
- ACLS, PHTLS, BTLS, PALS, CPR
- First Responder
- First Aid/BBP/CPR
- EMT Bridge
- Wilderness First Responder

Center for Computer Training and Professional Development - Oak Ridge - (865) 483-8453

- MS Office 2000, MS Office XP, A+ PC Technician, MCSE, Website Development and more.
- Online Training Courses
- Test Preparation (SHRM, ASTD, GMAT, ACT, GED, Computer Certification)
- Professional Continuing Education
- Customized training per client request

Center for Small Business Development - Oak Ridge - (865) 483-2668

- Promote growth, expansion, innovation, increased productivity and managerial excellence in the small business community.
- Provide meaningful advice, counseling, training and assistance to those wanting to start their own business.

COMMUNITY SERVICE PROGRAMS

(865) 882-4509

In addition to credit courses, special non-credit courses reflecting community interest may be organized at the request of a sufficient number of interested persons. Individuals may pursue these special offerings for personal enrichment, for compliance with business or industrial opportunities and/or requirements, for specific technological information, and for general cultural benefits. Students taking non-credit courses are not required to follow the same admissions procedures as those students in degree courses.

The Community Service Program of the college includes a variety of activities which are offered in cooperation with community groups and agencies. The program offerings are in accord with the public's needs and interests and include lectures, clinics, tutoring, short courses, conferences, forums, concerts, fine arts festivals, workshops, institutes, self-development functions, and community development functions. The college welcomes the opportunity to meet with representatives in our community (e.g., educational, governmental, industrial, and business organizations) to plan special types of training or activities that might be beneficial to an organization or our community.

EAST TENNESSEE AGRICULTURAL EXPOSITION CENTER

(865) 882-4590

The Exposition Center is a multi-use facility designed primarily for use by the livestock industry. The center hosts many local and national livestock events which include various horse shows, rodeos, team ropings, cuttings, sales and clinics. Due to its unique design, the center is also able to host many other community events which include boat and marine shows, paintball and archery tournaments, hunting and fishing expositions as well as various other contests and seminars. Because of the community service commitment of the college, the Exposition Center also hosts several events each year for various non-profit community organizations for which there is no charge.

ROANE STATE FOUNDATION

(865) 882-4507

The Roane State Foundation was founded in 1979 as a separate non-profit entity with the purpose of providing financial support for the students and programs of Roane State Community College. It seeks to enhance community awareness of the college, to secure private contributions and bequests, and to manage monies or properties given to the Foundation. Governed by a volunteer board of directors, the Foundation provides financial support for college activities. The executive director of Institutional Advancement works with members of the college's Development Council and serves as the liaison between the board of directors and the college community.

The Roane State Foundation's current priorities include:

- Strengthening scholarship endowments
- Providing support services to students
- Acknowledging outstanding faculty and staff for service and leadership
- Encouraging adult learners
- Fostering participation in cultural and community activities
- Developing facilities and special capital projects
- Providing perpetual trusteeship of capital funds donated to the college
- Supporting special projects which cannot be funded by public funds.

There are many ways to participate in Roane State Community College's giving program through the Foundation. Gifts of cash provide immediately accessible capital for the college. Contributors of appreciated assets such as securities, life insurance, real estate or personal property are excellent vehicles for making a charitable gift, and may also offer significant tax benefits to the donor. Such contributions may be made outright or through deferred gifts or bequests. Donors are encouraged to consult with their financial advisors for the method or combination of methods best suited to their own situations.

RSCC/LEAD INSTITUTION

RSCC, designated a Lead Institution by the Tennessee Board of Regents, is charged with the responsibility of overseeing the development of a cohesive plan for the delivery of postsecondary vocational, technical, and career programs and with support services for technology centers in an eight-county area including Anderson, Campbell, Cumberland, Fentress, Loudon, Morgan, Roane, and Scott counties.

Roane State is responsible for providing support for the delivery of the following services: occupational and academic diagnostic services, developmental education (basic skills), job/vocational education and occupational training, special business and industry training, sub-baccalaureate or non-collegiate technical education, job placement and counseling, transfer for community college, and continuing education and community service.

As Lead Institution, RSCC also provides administrative support services for accounting and budgeting, purchasing, personnel, student records, financial aid, institutional research, and public relations for postsecondary technology centers.

LEARNING SUPPORT SERVICES

(865) 882-4677 (Roane County)
(865) 481-2026 (Oak Ridge)

Learning Support Services at Roane State 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 two Learning Centers, one on the Roane County campus and one on the Cumberland County branch campus, and a Writing Center on the Oak Ridge branch campus. For more information, visit our web site at www.roanestate.edu/learningcenter.

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 pages describe in detail the costs and procedures for admission to Roane State Community College.

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 Office.

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 Admissions Office at (865) 882-4523 or 1-800-343-9104, ext. 4523.

College tours may be scheduled at the Admissions Office or at any off campus location.

ADMISSION PROCEDURES

Roane State Community College subscribes to the "open door" policy for admissions; however, admission may be granted on a "controlled" basis if ACT or SAT scores and/or placement assessment results indicate any academic deficiencies. 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. Graduate from an approved high school, home school or receive a GED high school equivalency diploma and submit to the Admissions Office an official high school transcript or an official copy of GED scores. Transcripts for graduates from Tennessee public high schools must provide evidence that the student passed the required Tennessee Comprehensive Assessment Program (TCAP).
2. File an application for admission and submit a non-refundable application fee of \$10 which must accompany the application form. The application form must have all appropriate spaces completed. Failure to complete all appropriate spaces accurately may result in expulsion from the college.
3. All students must complete the Certificate of Immunization to provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines if born in or after 1957.
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 3985. This number should be used to request that scores be sent to RSCC.
5. Students who have graduated from a Tennessee high school and who have not earned one credit in American history while in the high school program are required to complete 6 semester hours of American history during their first 30 hours of regular enrollment at Roane State. This requirement does not affect the student who enters the college with a GED certificate.

All correspondence concerning your admission file except college transcripts should be addressed to:

Admissions 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 Office.

When all admissions papers have been received in the Admissions Office, 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 advised when to appear for testing, counseling, and registration.

Additional admission requirements are in effect for accelerated courses in Contemporary Management. See page 136 for further information.

ADDITIONAL ADMISSION AND RETENTION REQUIREMENTS ARE IN EFFECT FOR HEALTH SCIENCE AND NURSING PROGRAMS. PREFERENCE FOR ADMISSION WILL BE GIVEN TO RESIDENTS OF THE STATE OF TENNESSEE. SEE PAGE 143 FOR FURTHER INFORMATION.

GENERAL STUDENT CLASSIFICATIONS

1. **DEGREE STUDENT:** Applicants who take courses for credit which will apply toward a degree. Categories for degree-seeking students are:

First-Time College Student

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

1. Submit application for admission and non-refundable \$10 application fee.
2. Submit official high school transcripts or official copy of GED scores. Transcripts must be mailed directly to the Records and Registration 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 Office.) Students unable to provide a satisfactory secondary school credential may substitute acceptable GED scores.

3. All applicants under 21 years of age will be placed by ACT or SAT scores. **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.

ACT English	19-Above	Place in College English	ENGL	1010
	15-18	Place in Developmental Writing	DSPW	0800
	1-14	Place in Remedial Writing	DSPW	0700
ACT Math	19-Above	Place in College Level Math		
	17-18	Place in Intermediate Algebra	DSPM	0850
	15-16	Place in Elementary Algebra	DSPM	0800
	1-14	Place in Remedial Math	DSPM	0700
ACT Reading	19-Above	Place in College Level Courses		
	12-18	Place in Developmental Reading	DSPR	0800
	1-11	Place in Remedial Reading	DSPR	0700

4. All applicants 21 years of age and older must undergo placement assessment. Students 21 years of age and older may choose to take the ACT and be placed according to the above-mentioned guidelines. The ACT or SAT must have been completed within the last three years.

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 remedial or developmental courses.
6. Placement in DSPS 0800 College Success Strategies is required for students who are placed in at least two subject areas at the remedial or developmental level. Beyond this mandatory placement, students with a deficiency have the option to elect placement in College Success Strategies. Course enrollment is limited to students in these categories.

Transfer Student

A degree-seeking applicant who has attended another college or university will be considered a transfer student. Transfer students may be exempt from EDU 100—Orientation to College.

1. Submit an application for admission and non-refundable \$10 application fee.
2. Transcripts from all previously attended institutions should be mailed directly to the Records & Registration Office. Transcripts are not accepted from students. An evaluation of college credit will be completed. If less than 60 semester hours have been accumulated, an official high school transcript or GED scores must be submitted.
3. Transfer students under the age of 21 must submit ACT or SAT scores. If fewer than 60 semester hours have been attempted, ACT or SAT scores will be used to determine the areas in which the student will be placed. Grades in courses completed will also be taken into consideration for proper placement assessment determination. Enrollment in courses indicated by results of the assessment is mandatory.
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. Remedial/Developmental course work taken at other TBR institutions will be posted to the student's RSCC transcript and will be considered in regards to 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 will be admitted on academic probation and 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. There is no application fee charged under this category. (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 Academic Development 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 new computer-based TOEFL.
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 Immigration and Naturalization Service and assume responsibility for complying with these regulations.

The following should be submitted to the Admission Office no later than **30 days** prior to the beginning date of the term the applicant wishes to enroll.

1. Application for admission with a non-refundable \$10 application fee.
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 \$15,025. (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 US bank verifying these resources will meet this requirement. If original statement is in foreign currency, an official conversion to US dollars from the foreign bank must accompany the statement.
6. Provide documentation substantiating official status with the US Immigration and Naturalization Service. (Passport, visa, etc.) A copy of the I94 will be required upon arrival.
7. All international students are required to have health and accidental insurance from a Roane State approved US company.
8. Provide proof of two doses of Measles, Mumps, and Rubella (MMR) vaccines **if** born in or after 1957.

All international students applying for admission pursuant to a student visa shall submit a certificate from a licensed physician or other qualified medical authority verifying freedom from tuberculosis within thirty (30) days from the first day of classes. Failure to submit such certification shall result in denial of further enrollment or admission. In the event that a student either has tuberculosis or has potential tuberculosis requiring medical treatment, continued enrollment will be conditioned upon the determination by a licensed physician that further enrollment does not present a risk to others and upon the student's compliance with any prescribed medical treatment 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. Submit a copy of the front and back of Permanent Resident Alien card.
 2. A permanent resident whose native language is **NOT** English must submit a minimum score of 500 on the TOEFL or 173 on the computer-based TOEFL or meet one of the requirements from the English Proficiency section listed above. *Appeals concerning English proficiency may be made to the Director of Admissions.
2. **NON-DEGREE STUDENT**—Applicant who does 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 Records and Registration 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 Certificates

Students enrolled in one of the following technical certificates of credit programs are considered non-degree students. Since Health Sciences are limited in enrollment, applicants to these programs must submit a special program application. No placement assessment is required of these programs except the Paramedic program. 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 along with a non-refundable \$10 application fee.
2. Submit an official copy of high school transcript or GED scores or college transcript.

NOTE: The high school transcript must be a regular or honors diploma. A special ed diploma or certificate of attendance DOES NOT meet this requirement.

Technical Certificate programs offered:

Computer Art & Design
 Diagnosis and Procedural Coding
 Geographic Information Systems
 Medical Transcription
 Office Information Technology
 Paramedic (college transcript is required)
 Police Management
 Polysomnography
 Somatic Therapy

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 should:

1. Submit an application for admission and pay the non-refundable \$10 application fee.
2. Provide a letter of good standing from his/her institution verifying enrollment in a degree program in lieu of college transcript. Students planning to take college level math, English or a science course with a prerequisite requirement must submit an official college transcript.

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 audit:

1. Student should submit an application for admission with non-refundable \$10 application fee.
2. Some disabled or elderly students may qualify for a special fee rate. Proof of age may be required by the Records and Registration Office. For more information regarding fees for disabled and senior citizens, refer to page 65.

NOTE: Remedial or developmental level courses as well as fast-track 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 these “special” categories.

Non-High School Graduate

1. Applicant who has passed his/her 18th birthday and who does not have a regular high school diploma or GED and who wishes to pursue the GED through academic development instruction.
2. Students 21 or older who have not earned a high school diploma and not currently enrolled in high school.

To enroll:

1. Submit an application for admission and non-refundable \$10 application fee.
2. Undergo placement assessment.
3. Take the prescribed remedial and developmental courses **only**.

Student may change to degree-seeking status by successfully completing the GED and completing a change of status form.

High School Graduate—Applicant who has earned a regular high school diploma or GED may enroll in any course except college-level math, English, or one that has college-level math or English prerequisites. 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 page 25 under “General Student classifications.”) To enroll students should submit an application for admission and non-refundable \$10 application fee. (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 and non-refundable \$10 application fee.
2. Undergo placement assessment if enrolling in math or English courses unless student has already completed college-level math or English.

College Graduate—An applicant who has earned a college degree may enroll in college courses without regard to course prerequisite requirements. An application for admission with a non-refundable \$10 application fee should be submitted. **Transcripts are not required.**

Advanced Studies Program (For High School Students)

Students who have completed their sophomore year in high school and meet the criteria for Advanced Studies may earn college credit while still in high school. Two options are available:

*Dual Credit—Allows students to enroll in classes that award both high school and college credit.

*Joint Enrollment—Allows high school student to enroll in college classes and earn college credit only.

To enroll as an Advanced Studies student applicants should:

1. Submit an Advanced Studies application **AND** an application for admission to the Admissions Office.
2. Have permission of high school principal, counselor and parent.
3. Have a 3.2 GPA or better on a 4.0 scale or 2.75 on a 5.0 scale.

4. Submit ACT scores. The ACT composite must not fall below 19 and subscores in English, mathematics and reading must be 19 or higher.
5. Courses satisfactorily completed will count as credit for those who submit a high school transcript showing evidence of high school graduation. Advanced Studies students must submit a high school transcript verifying high school graduation as well as a change of status/major form prior to enrolling as degree students.

Academically Gifted Student (High School Students)

A student in grade 9, 10, 11 or 12 who has been classified as “academically gifted” by evaluation through the multi-disciplinary team process may earn college credit while in high school. To enroll as an Academically Gifted student applicants should:

1. Submit an Academically Gifted application, an application for admission and a non-refundable \$10 application fee.
2. Have a grade point average of 3.2 or better on a 4.0 scale.
3. Have approval of the high school principal and the Director of Admissions.
4. Enroll only in those courses designated in the student’s Individual Education Program (IEP) developed by the multi-disciplinary team. 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 Admissions before registration will be allowed.

ADMISSION REQUIREMENTS

To enroll in a transfer program leading to an associate of arts or an associate of science degree, and eventually a bachelor’s degree, the Tennessee State Board of Regents requires the completion of specific high school courses.

All applicants who graduated from a high school or home school in or subsequent to 1989 must meet the following requirements in addition to those listed in the student’s selected program of study. All requirements must be met prior to being awarded the associate degree in a university parallel program. Applicants who received a GED certificate in 1989 and thereafter as well as students who have an Enhanced ACT Composite score of 26 or higher are considered to have met all high school unit requirements except those in foreign language and visual or performing arts.

	<u>Units</u>
English	4
Mathematics	3
Algebra I and II	1 of each
Geometry or other advanced math with geometry component	
Natural/Physical Science	2
At least 1 unit must be Biology I or II, Biology for Technology, Chemistry I or II, Physics, or Principles of Technology II	
U.S. History	1
Social Studies	1
Foreign Language	2
Visual/Performing Arts	1

Applicants who are found to be deficient in any of the above areas may be admitted on a provisional basis and will be required to remove any deficiencies prior to being granted an associate of arts or associate of science degree. Questions regarding this policy should be forwarded to the Records and Registration Office.

Removal of Entrance Deficiencies

Students with academic deficiencies will be notified by the Records and Registration Office. Deficiencies must be removed prior to receiving an associate degree. A grade of “C” or better must be earned in these courses. Courses used to remove deficiencies cannot be used to fulfill program requirements.

<u>Requirement</u>	<u>Course Needed</u>
English	*See note
Algebra I and II	*See note
Geometry or other advanced math with geometry component	MATH 0990
Natural/Physical Science I	BIOL 1110 BIOL 2010
Natural/Physical Science II	ASTR 1010 BIOL 1120, 2020 CHEM 1000, 1020, 1120 GGY 102 GEOL 1050 PHYS 2020
Social Studies	GGY 201 HIST 1010 PSY 110 SOC 201, 211
U.S. History	HIST 2010, 2020
Foreign Language I	FREN 1010 SPAN 1010 GERM 1010
Foreign Language II	FREN 1020 SPAN 1020 GERM 1020
Visual/Performing Arts	SPCH 201, THEA 1010, 2010, 2020 ART 101, 102, 1030, 111, 113, 114, 131, 141, 142, 201, 202, 203, 211 MUS 1030, 140, or any three of the following: MUS 101, 102, 103, 104, 160, 161, 162, 163, 164, 165, 166, 167, 168, or Applied Music: Individual Instruction* or Ensembles *NOTE: See page 226 for complete list.

NOTE: Entrance deficiencies in English, Algebra I and II will be handled through mandatory assessment, placement and removal of deficiency at the remedial or developmental level.

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 “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 that 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 as "out-of-state" for tuition and admission purposes.
8. Students classified by Immigrations 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." The student must provide appropriate documentation.

In-state applications can be obtained from the Records and Registration Office or at any Roane State location. All questions should be directed to the Records and Registration Office.

*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.

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.

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 all 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 computation and will no longer apply toward the fulfillment of any college requirement.

Student Requirements

1. Separation from all colleges or universities for a minimum of four complete calendar years.
2. **At the time of readmission or admission as a degree student**, a formal application should be filed with the Records and Registration Office requesting Academic Fresh Start. Forms are available in the Records and Registration Office.
3. The student must accumulate 18 semester hours with a minimum GPA of 2.5 after applying for Academic Fresh Start upon admission/readmission as a degree student.
4. **Only those students pursuing an associate degree are eligible for Academic Fresh Start.**

Terms of Academic Fresh Start

1. Academic Fresh Start applies to all RSCC courses taken prior to the 4-year separation. All work attempted before the date of separation will be removed from consideration toward fulfillment of degree requirements. Previously satisfied placement testing requirements will not be forfeited.
2. Once the student has satisfied the above student requirements, the registrar will review the student's transcript at the time the student accumulates the required number of hours to verify that the student has met policy requirements.
3. The student will be notified in writing of the results of his/her application for Academic Fresh Start. All written documents will be placed in the student's file.
4. Upon approval by the registrar, the transcript will be updated to reflect "ACADEMIC FRESH START" with the effective date.
5. **All grades/courses** taken prior to re-enrollment will be given inactive status and will remain listed on the transcript but will not be calculated in current academic statistics (earned hours, attempted hours, cumulative grade point average).
6. **Academic Fresh Start will be granted only once, and when granted, is irrevocable.**
7. The student will apply for 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.

PLANNING AN EDUCATIONAL PROGRAM

The responsibility for selecting an educational program rests with each student. The faculty and counselors take pride in assisting 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 or to transfer to other colleges and universities rests with the student.

ADVISEMENT

(865) 882-4546 - Roane County
(865) 481-2003 - Oak Ridge Branch Campus

At Roane State, academic advising is a shared responsibility of the student and the faculty advisor. First-time students and students transferring into Roane State are encouraged to attend a New Student Orientation session to meet with an advisor and schedule the upcoming term's classes. During the first semester of enrollment, students are assigned a faculty advisor from their major area of study. The advisor works closely with the student in determining his/her education goals and in developing a plan for completing these goals.

All students are encouraged to meet with their faculty advisor at least once a year. Students who are undecided in their career goals should contact Counseling and Career Services for information and assistance. Counseling and Career Services advises students who are classified as "special students" who have no declared major. Beginning Fall 2000, students with high school deficiencies will be required to meet with an academic advisor prior to registration. Advisor assignments are made within 48 hours of application, readmit application or change of major. An e-mail will be sent to the student's campus Pipeline account with the advisor's name and contact information.

ON-COURSE

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 ON-COURSE, Roane State's advisement assistant. 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 an ON-COURSE printout from their Web for Students account or from their faculty advisor.

ACQUIRING CREDIT

The following explains ways enrolled students may receive credit other than taking the specific classes at RSCC.

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 with the grade earned in English 1020.

ADVANCED PLACEMENT

Roane State offers course credit for successful completion of Advanced Placement examinations administered by the College Entrance Examination 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 Records and Registration Office. A letter grade of "P" (Pass) will be assigned for credit granted.

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-Proficiency form will be used. Credit-By-Proficiency 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 appropriate fee prior to taking the test. Students will be required to pay a fee equal to \$20 per hour times the number of credit hours. 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 grades assigned, and the appropriate signatures in place, the form will be sent to the Records and Registration Office for recording of credit. Credit type will be noted as PFT and a grade of "P" (Pass) will be assigned.

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 GENERAL AND CLEP SUBJECT AREA EXAMINATIONS

Have official scores sent from CEEB to the Records and Registration Office. 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 Pellissippi State Technical Community College Testing Center. 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
<i>CLEP EXAMINATION</i>		
Composition & Literature		
American Literature	50	6
Analyzing & Interpreting Literature	50	6
Composition, Freshman	50	6
English Composition (with or without essay)	50	6
English Literature	50	6
Humanities	50	6

	MINIMUM ACCEPTABLE SCORE	NUMBER OF CREDIT HOURS AWARDED
Science & Mathematics		
Algebra	50	3
Algebra-Trigonometry	50	3
Biology	50	8
Chemistry	50	6
Calculus with Elementary Functions	50	6
College Mathematics	50	6
Natural Sciences	50	6
Trigonometry	50	3
Foreign Languages		
French, Level I	50	6
French, Level II	TBA*	12
German, Level I	50	6
German, Level II	TBA*	12
Spanish, Level I	50	6
Spanish, Level II	TBA*	12
History & Social Sciences		
American Government	50	3
Educational Psychology, Introduction to	50	3
History of the United States I: Early Colonizations to 1877	50	3
History of the United States II: 1865 to the Present	50	3
Human Growth & Development	50	3
Macroeconomics, Principles of	50	3
Microeconomics, Principles of	50	3
Psychology, Introductory	50	3
Social Sciences & History	50	6
Sociology, Introductory	50	3
Western Civilization I: Ancient Near East to 1648	50	3
Western Civilization II: 1648 to Present	50	3
Business		
Accounting, Principles of	50	6
Business Law, Introductory	50	3
Information Systems & Computer Applications	50	3
Management, Principles of	50	3
Marketing, Principles of	50	3

*Level 2 cut scores will be distributed 1/2001. The recommended score will be a higher value number than 50.

Note: For English Composition exams taken between 1978 and April 1986, the minimum score for awarding credit was 530 and above. Minimum Scores for CLEP General Exams prior to July 1, 1993 were 421-500. After this date, all scaled scores end in zero.

COURSE CREDITS FOR PASSING THE CPS EXAMINATION

Persons passing the Certified Professional Secretary examination will be granted 25 hours of credit at Roane State for the following courses.

OAD 100	Keyboarding	1
OAD 105	Business Communications	3
BUS 221	Principles of Accounting I	3
BUS 251	Legal Environment for Business	3
BUS 261	Psychological Aspects of Management	3
BUS 281	Management & Supervision I	3
COLL 1020	Computer Concepts and Applications	3
ECO 201	Principles of Economics I	3
OAD 201	Administrative Office Management	3

Credits awarded are subject to change when the actual content of the CPS examination no longer corresponds to course content or when courses at RSCC are revised substantially.

In order to receive credit for these courses, the CPS applicant must follow the procedures listed below:

1. The CPS holder will apply to the Records and Registration Office and pay the application fee required, and enroll for classes.
2. The CPS holder will present his/her test scores to the Records and Registration Office upon application as sufficient proof of his/her CPS status. A letter grade of "P" (Pass) will be assigned for credit granted.

TRANSFER OF CREDIT FROM COLLEGES AND UNIVERSITIES

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 educational 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 remedial/developmental 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 DAN TES (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 Records and Registration 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 Records and Registration 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. A minimum of 18 of the remaining 36 semester hours of coursework must be completed in residence at Roane State.

Transfer information can be obtained from Records and Registration. Advisement and information regarding inter-institutional articulation are available in Counseling and Career Services.

MILITARY CREDIT

Veteran students who have one year or more of honorable military service will need to submit a copy of their DD-214 to the Records and Registration 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 veterans will be awarded military credit based on training/occupational experiences listed on the AARTS transcript. Veterans may request a copy of their AARTS transcript by contacting:

Manager, AARTS Operations Center
415 McPherson Avenue
Fort Leavenworth, KS 66027-1373
FAX (913) 684-2011

RSCC follows all guidelines established by ACE (American Council on Education) and DAN TES (Defense Activity for Non-Traditional Educational Support).

CORRESPONDENCE AND EXTENSION CREDIT

A student may not be enrolled at another college for correspondence or extension work while enrolled at Roane State unless special permission has been granted. All extension or correspondence work in progress upon admission must be reported to the Records and Registration Office at the time of the student's first registration. A maximum of 30 semester hours credit for correspondence or extension courses, credit for Advanced Placement, CLEP, or CPS tests, 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 Records and Registration.

PRIOR LEARNING CREDIT

A currently enrolled student at Roane State may petition for credit through documented work experience or life experience in the field in which a degree is being pursued.

Prior learning credit may be obtained as elective credit or specific course credit as it relates to a course in the current Roane State course inventory. This credit cannot exceed 18 hours. Credit for prior learning is not designed for students pursuing an Associate of Arts or Associate of Science degree (University Parallel). This type of credit normally does not meet degree requirements at a senior institution.

Students interested in seeking prior learning credit should first contact the appropriate academic dean. The dean will then assign faculty in the discipline to meet with the student to begin preparation of the portfolio. Students may be required to enroll in MGT 100—Portfolio Management, a course specifically designed for portfolio development. For further information, please notify the Office of Adult Learning and Program Development.

The portfolio should contain the following:

1. An introduction that describes the basic facts for the learning experience.
2. Specific course numbers and course names for credit requested.
3. A description of the types of formal training or instruction received in the subject since high school. This training could have occurred in classrooms, on the job, or through informal settings.
4. A detailed list of the kind of work done in the area. Explain the responsibilities and tasks successfully performed.
5. A detailed list of what was learned about the field as a result of the experience. Describe theories and practices developed.
6. Appropriate examples of work along with the product resulting from the work, the conditions under which it was created, and changes that might be made now based on the experience.
7. A description of critical events, outstanding managers and their styles, reading or lectures that made the experience noteworthy.
8. A summary of the major experiences and insights to substantiate significant learning.

After the portfolio is completed the instructor will make a recommendation regarding the level of credit to the academic dean. The academic dean may choose to approve as submitted, modify the amount of credit awarded, or return the portfolio for additional information. The portfolio will then be sent to the Vice President of Academic and Student Services for review before the final credit is awarded. The portfolio should be retained in the academic division office for a period of five years.

Credit awarded will depend on the student's ability to analyze personal or professional significance. Awarding credit should be based on the student's experience as it relates to the years in the field, breadth of exposure, or level of responsibility.

When the evaluation is complete and the appropriate signatures are in place, the form will be sent to the Records and Registration Office for the recording of credit. Credit type will be noted as EXP and a grade of "P" (Pass) will be assigned.

A special fee for prior learning credit is assessed.

Prior learning or proficiency credit will not apply toward meeting residency requirements for graduation.

COOPERATIVE EDUCATION

(865) 882-4546

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 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 may be on a concurrent or alternate basis. Most 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 a letter grade at the conclusion of the semester. Students are also asked to evaluate the employer and write a summary of the co-op experience. For more information, contact the Placement coordinator at 865-882-4695, 865-481-2003, or visit the Roane State Community College home page at roanestate.edu Keyword: Placement.

TECH PREP

(865) 882-4643 or 882-4626

Tech Prep is a course of study that combines four years of high school with two years of postsecondary education or training that leads to an associate's degree, a training certificate, or an apprenticeship. Students prepare for high-skilled technical occupations in business management, health science, environmental science, and engineering technologies. Tech Prep combines technical and academic subjects and emphasizes work-based and worksite learning, while eliminating duplication of courses through a process called articulation. Students are encouraged to participate in life-long learning and in technical, high paying skill training.

Roane State and the Tennessee Technology Centers at Crossville, Harriman, Jacksboro, and Oneida/Huntsville have entered into an agreement to assist students in articulating courses from area and regional high schools to these postsecondary institutions. The Big South Fork Tech Prep Consortium serves 27 area high schools, 4 Tennessee Technology Centers, one community college, and several middle schools in an eight county service area.

Tech Prep Concentrator/Completer (Definition subject to change):

- a. Student whose high school transcript shows a six-year plan identifying the student's planned articulated program area.
- b. Student whose transcript indicates that he/she graduated from high school under the Technical or Dual Path.
- c. Student whose transcript indicates completion of 3 units in a vocational-technical area and one unit in a related vocational/technical area or 4 units in the same vocational-technical area.
- d. Student enrolled in a high school program with a formal articulation agreement between the high school and the postsecondary institution (see articulation list below).

Tech Prep Articulation:

Articulation is a process that students use to transition between secondary and postsecondary schools. Students receive college credits for high school coursework at no cost to the student. Articulation agreements have been arranged between Roane State, Tennessee Technology Centers and high school faculty members.

Articulation Process:

1. Meet with middle school or high school counselor to decide on Tech Prep Six-Year Plan (4 years of high school and 2 years of postsecondary training or apprenticeship).

2. Complete the first four years of the six-year plan.
3. Earn a grade of A or B in high school technical courses to be articulated. Pass final exams in these courses.
4. Apply and enroll at Roane State within two years of high school graduation.
5. See your high school counselor to submit the following to the Tech Prep coordinator: (1) articulation application; (2) Six-Year Plan; (3) course competency checklist(s); and (4) high school transcript.

Articulation credits earned in high school will be posted on the student's Roane State transcript if the student meets the above requirements.

Programs and Courses with Existing Articulation Agreements:

(Courses may be added or deleted by the consortium through additional articulation agreements or college requirement changes.)

Business Management Technology

- BUS 101 Introduction to Business
- BUS 221 Principles of Accounting I (In revision)

College Studies

- COLL 1020 Computer Concepts and Applications

Computer Art and Design

- ART 142 Computer Art I

Computer Science Technology

- CST 109 Introduction to Programming I

Criminal Justice

- CRJT 101 Introduction to Criminal Justice
- CRJT 105 Introduction to Corrections
- CRJT 110 Juvenile Delinquency
- CRJT 111 Criminal Procedures
- CRJT 213 Criminal Investigation

Office Administration Information Technology

- OAD 101 Keyboarding/Formatting
- OAD 102 Document Processing
- OAD 105 Business Communications

Pre-Engineering

- ERG 161 Fundamentals of Engineering Graphics I

Articulation Between Tennessee Technology Centers and Roane State:

Students enrolled at Tennessee Technology Centers at Crossville, Harriman, Jacksboro, and Oneida/Huntsville may also articulate courses to Roane State. Students who earn a diploma from one of the centers may be eligible to receive up to 28 credits when they enroll in the General Technology degree program. This degree awards a student an Associate of Applied Science (A.A.S.) degree and not an Associate of Science (A.S.) degree. Tech Prep credits may not be articulated to all four-year institutions.

The objectives of the General Technology degree are to recognize a student's prior learning experience; to expand opportunities for job mobility and promotion; to increase the student's ability to use technology more effectively; and to continue professional development for technology center students. To receive articulation credits in General Technology the following procedures should be followed:

1. Meet with the Technology Center counselor or teacher to decide on Tech Prep plan.
2. Complete TTC diploma in a specific field of study (see eligible programs on next page).
3. Make grade of C or above in courses.

4. Enroll at Roane State within three years of graduation. Submit Tech Prep application, copy of TTC diploma, and official transcript to the Roane State Records and Registration Office. Submit copies of these documents to the Tech Prep Coordinator.
5. Meet with Roane State technical field advisor (department head).
6. Pass 15 credits at Roane State. Articulation credits earned at the TTC will be awarded on the Roane State transcript.

Eligible General Technology Programs:

TTC Field of Study (Note: Not all Technology Centers will offer the same courses of study.) Automotive Technology, Business Systems Technology, Computer Operations Technology, Dental Assisting, Diesel Engine Mechanics, Drafting, Electrical/Electronic Equipment Repair, Heat, Air Conditioning/Refrigeration, Industrial Electronics, Industrial Machinery Maintenance, Machine Tool Operation/Machine Shop, Practical Nursing, Surgical Technology.

East Tennessee Cooperative:

An agreement between the following schools allows students in high school articulated programs to enroll at a postsecondary institution where articulation can be provided. The following community colleges have agreed to accept the articulated credits for students not in their consortium.

River Valley Tech Prep Consortium
Chattanooga State Technical Community College

Ocoee Regional Tech Prep Consortium
Cleveland State Community College

Northeast Tennessee Partnership
Northeast State Technical Community College

Blount/Knox Consortium
Pellissippi State Technical Community College

Big South Fork Tech Prep Consortium
Roane State Community College

Mid-East Tennessee Tech Prep Consortium
Walters State Community College

The Tech Prep office will notify students regarding their request for articulation credit approval. Do not sign up for classes for which articulation credits will be awarded. For additional information about the Tech Prep program, contact the guidance office at your high school, Tennessee Technology Center or the Tech Prep office at Roane State.

STUDENT RECORDS

(865) 882-4526

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 student-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 Dean of Enrollment Management, the Vice President for Academic and Student 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.

Change of Name or Address:

The Records and Registration Office should be informed of all changes in the student 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 his/her failure to notify the college of any change(s) stated above.

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 Records and Registration 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.
 - a. 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.
 - b. The challenge must be signed by the student.
 - c. 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.
 - a. Roane State shall not require any student to waive access rights.
 - b. A party from which a recommendation is sought may require such a waiver.
 - c. 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 President, All Records
- Deans, All Records
- Division Heads, All Records
- Director of Counseling and Career 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:
 - Records and Registration Office
 - Roane State Community College
 - 276 Patton Lane
 - Harriman, TN 37748-5011
 - FAX: 865-882-4527

A student's transcript request form must contain the following information:

- Full Name (and other names used since leaving the college)
- 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*:

1. 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
 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 Records and Registration 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 records may be removed from the file and destroyed by the Records and Registration 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 Records and Registration 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 Records and Registration Office at the beginning of the term. All medical and/or auto enrollment forms can be delivered to Records and Registration for completion. Forms should contain the policy-holder and student identification information. This is to ensure proper action upon receipt at the insurance company.

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 Records and Registration Office.

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.** Currently enrolled degree or certificate-seeking students may request a change to non-degree status (special student category) once they have: 1) completed all academic development 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.). Change of status or major is not automatic. Change forms may be picked up at the Records and Registration Office, or any off campus site. Written confirmation of the change will be mailed to the student.

STUDENT IDENTIFICATION NUMBER (SID)

A student's identification number will be the social security number or a computer generated unique identifier. 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.

STUDENT PERSONAL IDENTIFICATION NUMBER (PIN)

A student's personal identification number is used for verification purposes when accessing IRIS or Web registration. For further information or assistance concerning use of PIN or resetting your PIN, contact the Records and Registration Office.

HONORS PROGRAM

(865) 882-4642

(865) 481-2010

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.

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.

IMPORTANT: 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.**

REGISTRATION FOR COURSES

The printed schedule of courses also contains registration information. Roane State Community College provides early registration via telephone — Instant Registration Information Service (IRIS) and through Web for Students — each semester for the currently enrolled and readmitted students. No student is officially enrolled until he/she has completed all requirements of enrollment including the payment of fees. Registration after the regular catalog published date may be permitted for one calendar week following this date. Exceptions for late registration or adding a class may be granted for good cause by the Vice President for Academic and Student Services. 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 BY THE OFFICE OF RECORDS AND REGISTRATION.

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.

CHANGE OF REGISTRATION/DROP-ADD

A student is allowed to change registration during the “Drop-Add” period at the beginning of each semester. The following procedures are to be followed in adding or dropping courses:

1. Prepare a change of registration form from the Records and Registration Office.
2. Secure approval from the Director of Academic Development, if the student has not completed all required academic development courses.
3. Receive one copy which must be shown to the instructor whose course is being added.

Failure to follow these procedures will result in an “F” in a course the student did not attend.

NOTE: Students enrolled in Remedial/Developmental courses will not be permitted to drop these courses unless extenuating circumstances exist. Approval must be granted by the Director of Academic Development or a designee.

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.

PROGRESSION STANDARDS

ENGLISH COMPOSITION

The Tennessee Board of Regents' Committee on the Improvement of Student Writing made many recommendations that were implemented during the 1985–86 academic year. Of direct importance to incoming freshmen are the progression standards for English composition courses. The recommendation is as follows:

“Any full-time degree-seeking student at any TBR institution must be enrolled in a core (or developmental) English course each term until that student completes core writing requirements. Any part-time degree-seeking student at any TBR institution must be enrolled in a core (or remedial or developmental) English course for each 12 hours taken. Students may not withdraw from a core or a remedial or developmental English course unless they withdraw from school.”

ORIENTATION TO COLLEGE

Full-time students required to take EDU 100 — Orientation to College, should take the course during the first semester of attendance at the college. Part-time students are required to take the course within the first year of attendance at the college.

Students transferring to Roane State who have completed 12 hours at another college or university are exempted from EDU 100 — Orientation to College. However, the student must still meet the credit hour requirement for the degree.

COURSE LOAD

The average semester hour load for a degree-seeking student should be 16 hours of credit. Individual programs may require more or less than 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 Office of Records and Registration.
2. Students may register for 21 hours of credit subject to verification of a 3.0 cumulative grade point average by the Office of Records and Registration.
3. Students wishing to enroll for 22 hours or more must have the approval of the Dean of Enrollment Management.
4. Any exceptions to the above guidelines must have the approval of the Vice President for Academic and Student Services.

Special for Credit students are limited to no more than 12 hours per semester with no limit to the total number of accumulated hours.

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 Records and Registration 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 Academic Affairs.

COURSE ELECTIVES

The following subject areas should be used in selecting elective courses:

Humanities

Art
Foreign Languages
Humanities Seminar
Music
Philosophy
Theatre
Literature*

Physical Science

Chemistry
Physics-Calculus Based
Astronomy

Social Science

Economics**
Geography
History
Political Science
Psychology
Social Science Seminars
Sociology

Natural Science

Biology
Chemistry
Geology
Physics

* ♦ ENGL 1020 is a composition course, not a literature course, and may *not* be substituted as a Humanities elective.

**A.A.S. Business program majors must select a Social Science elective other than economics.

General Electives

Electives which are not specified in the course of study may be selected from any college level courses.

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 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. Substitutions are not approved for articulation agreements.

PHYSICAL EDUCATION ACTIVITY COURSE EXEMPTION AND SUBSTITUTIONS

Physical education exemptions may be granted to students who are medically disabled. Such students must substitute another course for the exempted activity classes. To apply for this exemption/substitution:

1. Requests for this exemption/substitution must be made in writing to the director of Disability Services.
2. Physician’s documentation must be submitted to Counseling Services to identify and verify this need.
3. Consult with an advisor about substituting a two-hour Health/P.E. course to meet the degree requirement. Substitution choices include HEA 221, ♦ PHED 1750, and HEC 131.

4. A course that is not already required in the degree plan must be selected. It is advisable to consult with the advisor early in the scheduling process to coordinate the substituted classes into the student's schedule.

CANCELLATION OF SCHEDULED CLASSES

Any scheduled class may be discontinued by the college. The right is reserved to cancel when the number enrolled is deemed insufficient. For further information, contact the Records and Registration Office.

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 but below average	1.0
F	Failing	0.0
AW	Administrative Withdraw for Non-Attendance	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	D	60 - 69
B	80 - 89	F	0 - 59
C	70 - 79		

Some specific exceptions to the above scale may apply and the college reserves the right to adjust it accordingly. Students enrolled in Health Science or Nursing programs may not follow the same scale. Students should refer to the grading scale included on the course syllabus.

Computing Your Grade Point Average (GPA):

- Grade points (above) X Course credit hours = Grade points for course
- Sum of the grade points for all courses = Total grade points
- Total grade points divided by credit hours attempted = GPA

Example:

	Grade	Credit Hours	X	Grade Points	=	Grade Points Earned
◆ ENGL 1010	A	3		4		12
◆ MATH 1130	B	3		3		9
◆ CHEM 1110	C	4		2		8
◆ SPCH 201	B	3		3		9
◆ PHED 1100	A	<u>1</u>		4		<u>4</u>
TOTAL		14				42

42 divided by 14 = **3.0 GPA**

Other markings which may appear on the grade report and/or transcript are as follows:

ART	Tech Prep Credit	P	Pass
AU	Audit, no grade or credit	PFT	Challenge Examination
EXP	Experiential Credit	VAL	Validation of Previously Earned Credit
I	Incomplete	W	Withdrew
MIL	Military Credit		

The grade “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. The student is thus on notice that he/she should contact the instructor immediately in an effort to complete course requirements. An “Incomplete” must be removed during the succeeding semester, with the exception of Summer Semester. Should the “Incomplete” not be removed within the required time, the grade will convert to “F.”

At the discretion of the Vice President for Academic Affairs, selected courses may be offered using a pass-fail grading system. A “P” indicates a passing grade in such cases. Credit resulting from military service or from tests such as Advanced Placement, the College Level Entrance Examination Program, the Certified Professional Secretary, or other proficiencies will not be assigned quality points for computing the grade point average, and a letter grade of “P” (Pass) will be assigned for this credit.

If a student wishes to appeal a final grade in a course, he or she should discuss the matter first with the instructor of the course. If the issue cannot be resolved at that level, the student may submit a written appeal to the appropriate dean and finally to the Vice President for Academic Affairs.

DEAN’S LIST

The Dean’s List is the official medium for the institution to recognize outstanding academic achievement by students. Full-time students (those completing 12 or more semester hours of college-level courses) with a quality point average of 3.5–4.00 are identified each semester on the Dean’s List.

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.

The request for a late drop or withdrawal **MUST** be made on or before the last day of classes. Requests made after the semester has ended will not be approved. A student who stops attending classes and fails to follow the proper withdrawal procedure will be carried on the roll until the end of the semester and a grade of “F” will be recorded.

Withdrawal procedures are as follows:

1. Obtain withdrawal form from the Records and Registration Office to initiate withdrawal procedure.
2. Make an appointment with a counselor or your faculty advisor.
3. Return form to the Records and Registration Office for final withdrawal clearance.

After the withdrawal deadline date, no student will be permitted to withdraw from the college or classes and receive the designation of “W” without providing documented proof of one of the following conditions and verification that the mitigating circumstances developed after the withdrawal deadline:

1. Illness or injury of the student or serious personal problems as verified by the attending physician or a psychologist.
2. Necessary change in work schedule verified in writing by the student’s employer.
3. New employment as verified in writing by the employer.

Students may apply for withdrawal from a completed semester by supplying the same information as above. If granted by a committee of the Vice President of Academic and Student Services, Dean of Students, and Registrar, grades for the courses requested will be recorded as “W.”

NOTE: Students enrolled in Developmental Studies courses are not allowed to withdraw from these courses unless extenuating circumstances exist. Approval must be granted by the Director of Developmental Studies or a designee.

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.

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 hours attempted (inclusive of any remedial or developmental courses) will be placed on academic probation for the following term.

Semester Hours Attempted	Minimum Cumulative GPA
0 - 14	No minimum
15 - 26	1.0
27 - 40	1.4
41 - 48	1.7
49 - 56	1.9
57 - and above	2.0

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 of Academic and Student Affairs 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 Records and Registration 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.

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. Degree or non-degree students who are transferring to RSCC are subject to the same standards for appeal as RSCC students. Transcripts from the suspended college/university are required.

While individual courses may transfer to RSCC and can count towards fulfilling degree requirements, the number of credit hours and quality points do not count towards 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 (Refer to Student Services section of this catalog).
3. Failure to meet Academic Development requirements for satisfactory progress through course requirements.

GRADUATION

Students who have successfully completed 48 semester hours toward a degree or half of the coursework required for a certificate must complete an Intent to Graduate by the deadline for the intended graduation semester. The student is required to complete the form in its entirety, obtain his/her advisor's signature, and pay a non-refundable graduation fee.

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 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 through readmission to the college or by changing his/her major.

4. **Minimum Hours in Residence.** A minimum of 18 hours of the final 36 semester hours of coursework must be completed at Roane State but not less than 25% of the total hours in any degree program. Thirty percent of the semester hours in a certificate program must be taken at Roane State. Experiential and Proficiency credit does not apply to this residency requirement.
5. **Additional Degrees.** Requirements for more than one degree may be met. A minimum of 16 semester hours beyond the requirements for the first degree must be completed as well as all course requirements for the additional degree. Separate Application for Graduation forms must be filed for each 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, and 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.

Graduation with Honors

Degree-seeking students may be eligible for academic honors 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 honors. Honors 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.

Ceremony

Graduation 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 graduation 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. Students will be sent ceremony information in March.

DEVELOPMENTAL STUDIES 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' Developmental Studies assessment program to assess basic skills. Placement is based on valid ACT or Compass scores. (See #3 on page 25.) 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 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. Further information regarding basic skills assessment can be obtained by contacting Counseling and Career Services on the Roane County or Oak Ridge campuses.

RESTRICTED ENROLLMENT

Students whose assessment results require enrollment in Developmental Studies (DSP) 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 DSP courses. Exceptions to this policy require the approval of the DSP director and completion of the related documentation.

College Level Courses Which Can Be Taken With Developmental Studies

Courses: The following college courses may be taken by developmental studies students concurrently with their developmental courses.

DSP Course Required

DSPM 0800 or 0850 (Algebra)

DSPW 0700 or 0800 (Writing)

DSPR 0700 or 0800 (Reading)

Courses that can also be taken

Any course without math prerequisites

The only math courses that can be taken are BUS 111 or 112.

Any course other than English

Any ART course except 103, 201, 202

Any cooperative education course

EDU 100

◆ ENGL 1010, 1020

HEA 221, 242

Any individual music instruction

Music performance groups

Any MATH, OAD, PHED, or SPCH class

COLLEGE SUCCESS STRATEGIES

Placement in DSPS 0800 College Success Strategies is required for students who are placed in at least two subject areas at the remedial or development level. Beyond this mandatory placement, students with a deficiency have the option to elect placement in College Success Strategies. Course enrollment is limited to students in these categories.

ATTENDANCE IN DEVELOPMENTAL STUDIES COURSES

The Developmental Studies Program is required by the TBR to have a mandatory attendance policy. Students enrolled in DSP courses are expected to attend all scheduled classes if at all possible. In the case of absences, students should work closely with their instructor regarding any work missed. Instructors must define the specifics of their attendance policies including any penalty for excessive absences. Questions regarding this matter should be directed to the DSP director.

***NOTE: The Developmental Studies program policies and procedures were under review at the time this catalog was being printed. Changes may be necessary that would invalidate statements in the catalog; therefore, students should check with Counseling and Career Services or the Developmental Studies Program Office for additional information.**

BUSINESS OFFICE REGULATIONS

(865) 882-4515

Tuition and fees are assessed and payable at registration each semester. Registration is not considered to have been completed 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 to the college will not be permitted to attend classes. No student will be permitted to re-enroll, 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.** 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.

MAINTENANCE FEE — REFUNDABLE

All students, both resident and non-resident, will be assessed a maintenance fee. The maintenance fee rate for the 2002–2003 academic year is \$68 per semester hour, not to exceed \$800 per semester.

In-State	1	Credit Hour	\$68
	2	Credit Hours	\$136
	3	Credit Hours	\$204
	4	Credit Hours	\$272
	5	Credit Hours	\$340
	6	Credit Hours	\$408
	7	Credit Hours	\$476
	8	Credit Hours	\$544
	9	Credit Hours	\$612
	10	Credit Hours	\$680
	11	Credit Hours	\$748
	12	Credit Hours	\$800

An additional maintenance fee of \$50 per credit hour will be assessed for all hours exceeding 21 credit hours per semester.

TUITION — REFUNDABLE

Tuition is free to all residents of the State of Tennessee. Students classified as non-residents will be assessed tuition plus maintenance fees. The semester tuition rate for the 2002-2003 academic year is \$207 per semester hour, not to exceed \$2,396 per semester. The definition of residency as determined by the Tennessee Board of Regents will apply. Information concerning residence classifications may be obtained from the Director of Records and Registration. Non-resident students will be accepted if space permits.

SUMMER AND ALTERNATIVE SESSION FEES

Semesters are offered as full session, express sessions, and/or accelerated sessions. 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. For any student registering for any course(s) or adding course(s), the assessment of course fees, late fees and change of schedule 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) only if he/she is not already enrolled in a course(s) meeting the same semester as the session 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 session which he/she is enrolling.

AUDIT FEE

Fees for courses being audited are the same as those taken for credit. Auditors are not required to take examinations and receive no credit.

MISCELLANEOUS FEES

Application Fee (Non-Refundable). Each student applying for admission to the college for the first time will be assessed a \$10 application fee. This fee is a one-time only fee and must accompany the application for admission.

Campus Access Fee (Non-Refundable). This fee will be assessed in addition to the Student Activity Fee, and the Student Government fee.

1. Each student who registers for classes at any college campus or center will be assessed a \$5 campus access fee each semester. This will include students registering for credit classes as well as Community Service–Continuing Education classes. Students registering for non-credit programs that meet fewer than twelve weeks, or fewer than twelve clock hours, or for which fees are not charged will be issued a temporary parking permit but not assessed an access fee.
2. Faculty and staff will be assessed an annual campus access fee of \$10. Persons who are employed Spring Semester or after will be assessed a campus access fee of \$5.
3. All faculty, staff, and students who pay the campus access fee will be given a parking decal. Additional decals will be available at a cost of \$1.
4. All vehicles parked or operated by any person in connection with their employment or attending classes of the college must be registered with the Dean of Student Services. All other persons on campus who are not short-term visitors must have a temporary parking permit.

Deferred Payment Participation Fee (Non-Refundable). Students participating in the deferred payment plan will be assessed a \$10 participation fee that is due and payable with the initial down payment of fees.

Deferred Payment Late Payment Fee (Non-Refundable). A late payment fee of \$25 will be assessed for each installment payment which is not received on or before the due date for that payment.

Graduation Fee. Graduating students are assessed a fee of \$25 to cover the cost of a diploma and other related costs. This fee must be paid when the graduation application is submitted and is refundable only if the student does not graduate and no costs are incurred by the college. No graduation fees will be refunded if requested after one calendar year. There is no additional fee for completion of more than one option within a degree program and no additional diploma will be ordered. An additional \$25 fee will be required for each degree if the student is eligible to receive an additional diploma. The fee for a replacement diploma is \$10.

Individual Instruction in Music (Refundable). Semester fees for individual instruction in music are assessed as follows:

1 lesson per week \$55

2 lessons per week \$100

These fees are refundable on the same basis as maintenance fees.

Late Registration Fee (Non-Refundable). Students failing to complete the registration requirements prior to the late registration period will be assessed a late registration fee of \$20.

Liability Insurance Fee (Non-Refundable). A liability insurance fee will be required for students in the health occupation programs. The liability insurance will be purchased at a reduced group rate.

Locker Rental (Non-Refundable). \$1 per semester, small locker; \$1.50 per semester, large locker. (Available on the main campus only.)

Miscellaneous Fees (Refundable). A fee for certain courses which are conducted in facilities not owned by the college will be assessed at a rate based on the amount charged by the owner of the facility. This fee is refundable on the same basis as maintenance fees.

Motor Vehicle Registration. All staff and students are required to properly register all vehicle(s) driven on campus and properly display parking decal(s) issued at that time. (See Traffic Regulations)

Regents Online Course Fee (Refundable). This fee equals 25% of the maintenance fee per credit hour and is assessed for each credit hour of Regents Online Courses in which a student is enrolled.

Returned Check Fine (Non-Refundable). A fine of \$20 is assessed for each check returned to the college by the bank. A student may contest this fee successfully by presenting a letter from the bank in which it is clearly indicated that the check was returned through error by the bank. The college reserves the right to refuse to accept a check from any person.

Student Activity Fee (Refundable). A student activity fee of \$5 per semester will be assessed for each credit student enrolled in classes at any college campus or center. This fee was adopted by the Student Government Association to provide funds for a variety of student activities. This fee is refundable on the same basis as maintenance fees.

Student Government Fee (Refundable). A student government fee of \$5 per semester will be assessed for each credit student enrolled in classes at any college campus or center. This fee was adopted by the Student Government Association to provide funds for a variety of student activities. This fee is refundable on the same basis as maintenance fees.

Technology Fee (Refundable). A fee of \$8 per credit hour not to exceed \$62.50 per semester is assessed all students to provide and maintain computer labs and other advanced technology instructional equipment. This fee is refundable on the same basis as maintenance fees.

Telecourse/Audio/Video Course Fee (Refundable). A fee of \$22 per course is assessed for each audio/video tape checkout and cable television telecourse or audio course. Proceeds from this fee are used to pay the licensure/royalty fees related to each course. This fee is refundable on the same basis as maintenance fees.

Transcript Fee. A reasonable number of transcripts are provided by the college at no charge to the student. However, a charge of \$2 each will be assessed for requests totaling more than ten (10) in any term.

DEFERRED PAYMENT/DISCOUNTS/WAIVERS

DEFERRED PAYMENT PLAN

The deferred payment plan is available to students in good financial standing with a minimum account balance of \$150 after financial aid and any other credits have been applied to the account. It is available for regular academic terms, but not for summer or other accelerated terms or express classes. Enrollment will be considered complete when a signed deferred payment agreement is on file and the required initial payment under the plan has been officially received.

SENIOR CITIZENS AND DISABLED PERSONS

Disabled persons and persons 60 years of age or older, who live in Tennessee, are eligible to enroll in courses for AUDIT without payment of tuition, maintenance, technology or student activity 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 \$75. This rate applies to maintenance fees, technology fees, and student activity fee. Special fees (such as graduation fee, student government fee, campus access fee, telecourse/audio course fee, etc.) 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 should 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, maintenance, 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, maintenance fees, technology fees, debt service 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 maintenance, technology, student government, access and activity fees. The amount of the maintenance 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 maintenance 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

Regular Sessions — Students withdrawing from school entirely or dropping one or more classes may be entitled to a refund as follows:

75% of eligible fees will be refunded for drops or withdrawals for a period of 14 calendar days beginning with and inclusive of the first official day of classes or within an equivalent period for a short term course.

25% of eligible fees will be refunded following expiration of the 75% refund period, for a period of time extending 25% of the time period covered by the term. No refunds will be made beyond the 25% refund period.

100% of eligible fees will be refunded for classes canceled by the institution.

100% of eligible fees will be refunded for drops or withdrawals prior to the first official day of class as published in the academic calendar.

100% of eligible fees will be refunded in case of death of the registered student.

Summer Sessions — Summer and alternative session refunds will be based on the above with these sessions being prorated as a percentage of a full session.

General Refund Policy — No refund is due on courses which are dropped unless the total fees due for the remaining enrolled hours plus hours dropped after applicable refund periods is less than the total amount paid for refundable fees.

Refund calculations are based on the computer processed date for courses dropped via the Instant Registration Information Service (IRIS), the web or the processed date that appears on the official change of schedule form. Failure to follow proper procedures for dropping courses may result in forfeiting all rights to a refund.

Refunds can be expected approximately four weeks after the date the course is dropped.

Financial Aid Return of Title IV Funds — Students who receive assistance from Title IV financial aid programs and drop classes will 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 outlining the basis for the appeal to the Business Office. Refund appeal requests will be decided by the Director 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 Director of Fiscal and Auxiliary Services to the President by submitting a written request for a refund appeal review to the Vice President for Financial Services. The student will be notified in writing of the President's 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 estimated cost of books and supplies is \$250–\$400 per semester. 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.

CHECK CASHING/ACCEPTANCE POLICY

Both the Bookstore and the Business Office provide a free check cashing service. Personal checks may be cashed for any amount up to \$10 for students and up to \$20 for faculty/staff. However, 1) only one personal check per day may be cashed, 2) two party checks will not be accepted, 3) student checks will not be cashed by either the Business Office or the Bookstore anytime during the final two weeks of the semester and 4) a validated ID card is required.

A \$20 fine will be levied on all “returned checks.” The return of a third check will result in the person’s name being placed on the “no check list” and forfeiture of check cashing privileges.

If a check written for payment of a student’s maintenance fee is returned, the student has ten (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.

Until all financial obligations are satisfied, the student becomes ineligible for all benefits and services provided by the college such as receiving grades, receiving or sending transcripts, registering, and graduating.

The college reserves the right to refuse to cash any check. Appeals concerning the cashing of checks may be made to the Vice President for Financial Services.

FINANCIAL AID

(865) 882-4545

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.

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). This application is available in most high schools and on all RSCC campuses. Students may also access the form online at www.roanestate.edu.

Eligibility for financial aid is based on financial need, availability of funds and ability to maintain satisfactory progress. To qualify a student must:

1. Submit the Free Application for Federal Student Aid to determine financial need.
2. Submit verifying documents if requested by the Financial Aid Office.
3. Be enrolled for admission or currently attending Roane State and enrolled in an approved degree or certificate program.
4. Meet Roane State’s satisfactory progress standards on page 69.

Roane State encourages students to apply early for financial aid. **April 1 is the priority deadline for applying for the fall semester.** Applications received by that date will be given first consideration in the allocation of financial aid funds. Applications received after April 1 will be accepted and awards made to eligible students on a first come, first serve basis as long as funds are available.

Although Roane State participates in the electronic correction of financial aid applications, we do not want to encourage students to wait until the last minute to file; therefore, initial applications received within the week prior to official registration will be processed only as time allows. These students may be required to pay for tuition and fees, then be reimbursed if they qualify for financial assistance at a later date.

FEDERAL PELL GRANTS

Federal Pell Grants are an entitlement program made available through the Title IV Student Financial Aid Programs and funded by tax dollars. Students should apply early through the FAFSA and make the Federal Pell Grant the primary source of financial aid since all other sources of assistance are based upon this eligibility.

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 and application must be made by the specified priority date of April 1. Awards from these programs are made in the fall semester of each year, on a first come, first serve basis. If a student wants to be considered for the work-study program, he/she must answer "yes" to question 34 on the FAFSA.

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.

STUDENT LOANS

If students are interested in applying for the student loan programs, they should first complete the Free Application for Federal Student Aid (FAFSA). Specific information from this need analysis *must* be on hand before eligibility for the student loan can be determined. In addition, a separate loan application will be needed.

The Federal Stafford Loan Program is available to students who have been determined eligible through the above-mentioned need analysis system. This is a variable interest loan and repayment begins six months after the withdrawal, graduation or dropping to less than 6 credit hours. The limits of the loan are a minimum of \$500 and a maximum of \$2,625 for freshmen and \$3,500 for sophomores each year. The maximum amount of eligibility is \$12,250 while attending Roane State.

SATISFACTORY PROGRESS STANDARDS

The regulations that students receiving financial aid must follow are:

1. Must be working toward an A.S. or A.A.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 DSP hours; 100 attempted college credit hours if degree seeking (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, student may be billed.
4. Class attendance may be verified before checks are disbursed.
5. A student will be on financial aid suspension if (s)he receives all Fs, completely withdraws (checked after each semester); does not pass 66% of hours paid (passing grades = A, B, C, D only!) (checked after spring semester); does not keep a 2.0 cumulative grade point average (checked after spring semester).
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 Director of Financial Aid and then to the Financial Aid Committee if necessary.
9. You can only receive financial aid at one school during a semester.

SCHOLARSHIP FOR ACADEMIC SERVICE

The Scholarship for Academic Service (SAS) is a two-year scholarship awarded to current high school graduates on the basis of academic achievement.

General Criteria

1. Students must have a high school cumulative GPA of 2.9 at the deadline date.
2. By **March 14, 2003** the SAS application **MUST** be in the Roane County Financial Aid Office by 4:30 pm EST.
3. Students from Roane, Anderson, Cumberland, Scott, Loudon, Campbell, Fentress, Morgan, Knox and Blount counties who rank in the top 10% of the current graduating class and who submit a scholarship application and also meet all of the criteria will be guaranteed an SAS offer. All other applications will be ranked by GPA and selected as funds allow.
4. By **July 18, 2003** or earlier, students **MUST** also complete the following (or forfeit the scholarship offer):
 - a. Submit a college application
 - b. Pay the \$10 application fee
 - c. Enroll in full-time college level classes excluding any remedial/developmental courses.
5. Under no circumstances will a scholarship be "held" for a January or later enrollment.
6. The award will be in the amount of the required fees for a full-time equivalent student.
7. Students must maintain full-time college-level enrollment excluding any remedial/developmental courses throughout each semester.
8. The SAS is renewable for 3 consecutive semesters if the student maintains a cumulative 2.5 GPA in college courses and works 75 hours per semester at an assigned RSCC location. Dual-credit courses taken while in high school will be counted in the cumulative GPA.

NOTE: Some senior institutions may require a higher GPA for transferability.

Residents of the State of Tennessee who believe they are qualified should submit the SAS application before the deadline date of March 14. These applications are available in the Financial Aid Office and high school guidance offices and **MUST** be certified by the high school guidance counselor.

PRESIDENTIAL SCHOLARSHIP

This scholarship is awarded to one valedictorian from each high school in the Roane State extended service area. To be eligible for the \$1000 annual scholarship, the recipient must be recommended by the high school guidance counselor, be a first-time college student and must enroll full-time at Roane State. The scholarship must be used starting the fall semester following graduation from high school. The award is renewable for a second year if the recipient maintains satisfactory academic progress and a 2.5 cumulative GPA. In the case of multiple valedictorians, ACT scores will serve as the tie breaker.

PRIVATE SCHOLARSHIPS

Roane State has a limited number of private scholarships. In selecting recipients for these scholarships, emphasis is placed upon scholastic achievement, character, future promise, and financial need. Scholarship applications are available on all campuses and March 14 is the priority deadline. Additional scholarships will be established as interested groups and individuals desire. Those wishing to establish a scholarship fund are urged to contact the Director of Financial Aid at the college or the Dean of Institutional Advancement.

Listed below are the scholarships available through the Roane State Foundation. By completing one Foundation scholarship application, students will be considered for all Foundation scholarships.

- Adult Learner Scholarship
- African American Scholarship
- Altrusa International/Oak Ridge Chapter Scholarship
- Art Scholarship
- Athletic Scholarships
- John and Doris Barber Scholarship
- P.R. and Mozelle Bell Scholarship
- Bernard-Greif Scholarship
- C.R. Black Scholarship
- Boeing Aerospace & Electronic Engineering Scholarship
- Developmental Studies Book Scholarship
- Lonnie Burns Scholarship
- Adam Burress Memorial Scholarship
- Matthew Case Memorial Scholarship
- Beulah Davis Scholarship
- John Dillon Scholarship
- Environmental Health Waste Management Scholarship
- Paul and Janet Evans Scholarship
- Foundation General Scholarship
- Foundation High School Drawing Scholarship
- Thomas A. Fuller Scholarship
- Harriman Rotary Scholarship
- Roger and Mary Jane Hibbs Scholarship
- Horsehead Community Development Scholarship
- Henry and Martha Johnston Scholarship
- Charles Keller Pre-Engineering Scholarship
- Soren King Memorial Scholarship
- Kingston Optimist Club Scholarship
- John Kinnunan Memorial Scholarship
- Kurt Kraus Scholarship
- Jan Kuban Scholarship
- June Laing Health Information Technologies Scholarship

Business Information

Lenoir City Rotary Scholarship
 Math Scholarship
 Emily Mayfield Memorial Scholarship
 William C. McAnanly Memorial Scholarship
 Costo McGhee E.M.T. Scholarship
 Jesse Meadors Memorial Scholarship
 Mothers' Helping Hand Scholarship
 Mabel Carson Music Scholarship
 Lucy Ellis Jones Memorial Music Scholarship
 Rocky Top Music Scholarship
 Simmons' Music Scholarship
 Alma Lee Nelson Scholarship
 S.C. Claussen Nursing Scholarship
 Elizabeth N. Fort Nursing Scholarship
 Linda Gowder Nursing Scholarship
 A.E. Ellis and C.E. Scott Nursing Scholarship
 Ina Ingwersen Nursing Scholarship
 Lyons Nursing Scholarship
 Linda E. Kent Memorial Nursing Scholarship
 Christine Mills Memorial Nursing Scholarship
 Oak Ridge Human Resource Association Scholarship
 PAI Scholarship
 AmSouth Presidential Scholarship
 Bank of America Presidential Scholarship
 Howard H. Baker, Sr. Presidential Scholarship
 James Christmas Memorial Presidential Scholarship
 Cuyler Dunbar Presidential Scholarship
 C.S. Harvey Presidential Scholarship
 Herman Postma Presidential Scholarship
 Simmons Presidential Scholarship
 Raider Corps Scholarship
 Roane/Anderson Medical Society Scholarship
 Roane County Association of Women Executives Scholarship
 Roane/Anderson Professional Society Scholarship
 Roane County Retired Teachers' Association Scholarship
 Rockwood Rotary Scholarship
 Thomas L. Russell Scholarship
 Suzanne Shelton Memorial Scholarship
 Simmons Health Care Scholarship
 Libby Stone Scholarship
 Tennessee State Guard Scholarship
 U.S. Bank Scholarship
 Mary Waterhouse Scholarship
 M.K. Williams/Union Planters Bank Scholarship

AFRICAN-AMERICAN STUDENT SCHOLARSHIP

Black students who are residents of Tennessee and are enrolled as full-time students may apply for the African-American Scholarship. The scholarship will provide money to pay maintenance fees and to help pay for textbooks. Applicants must have a 2.0 Grade Point Average and fill out an application which is available from the Financial Aid Office.

ATHLETIC SCHOLARSHIPS

The college annually awards a number of athletic scholarships. For detailed information contact the Director of Athletics, (865) 882-4581.

VETERANS BENEFITS

Roane State cooperates with the Veterans Administration in providing educational opportunities for veterans. The Financial Aid Office 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 1-800-827-1000 or 1-888-442-4551 to verify how much benefit money is available to him/her.
2. Provide the VA counselor in the Financial Aid Office member copy 4 of the DD214 (discharge papers) or NOBE form if actively in service.
3. Fill out the Veterans Administration application.
4. Sign the RSCC institutional policies form.
5. Meet with an advisor to discuss class requirements.
6. Register for classes and pay fees.
7. Notify the VA counselor in the Financial Aid Office that he/she is ready for certification. A signed MANDATORY advising form will be required before certification.

NOTE: The certification process takes several weeks. The counselor 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 counselor in the Financial Aid Office. **All changes of class schedule must be reported since doing a drop and add may change the monetary amount the veteran is 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 on page 55 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 on a catalog page (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. Veterans and other eligible persons can receive pay for remedial/developmental classes when a need can be shown. The pay received is taken from the total entitlement.
7. You must attend all classes for the entire semester or an overpayment with the VA may result.
8. Enrollment in classes which do not last 15 weeks will affect your pay (i.e. 8-week orientation, fast-track, etc.)

GENERAL EDUCATION

As part of RSCC's overall Teaching and Learning mission, it is the goal of all academic divisions at Roane State to provide learning experiences, built on general education competencies, which ultimately support the overall Strategic Plan of the college. **Critical-thinking skills, personal and professional/career motivation, communication skills** and **a sense of community** begin with students and teachers at course level, forming a base for the overall mission of the school.

Career Education

The career education curriculum includes a general education core leading students to the achievement of a basic understanding of the humanities, arts, and sciences; the achievement of basic skill competencies in oral and written expression, and an understanding of vocation as a part of the changing world culture and learning as a lifelong endeavor.

University Parallel

The general education university parallel core curriculum seeks to stimulate students to the acquisition of general knowledge in various academic disciplines, the ability to effectively express themselves orally and in writing, and preparation for advanced educational work through the acquisition of effective research, problem-solving, and critical thinking skills.

RSCC provides an informal intellectual environment which enables students to develop familiarity with current research and problem solving methods, a desire and ability for self-directed learning and effective expression, a capacity to synthesize knowledge from many sources, and an ability to critically examine new ideas and ways of thinking.

General Education Mission

Provide a general education base for each student so that he/she demonstrates knowledge in all areas required to become an educated and productive member of society. An institutional environment of intellectual openness and close association with faculty and administration assists students in developing skills for identifying and achieving personal goals. All degree programs contain a core of general education courses, including English, math, social or natural sciences, and humanities. Students completing any degree or certificate program should demonstrate attainment of general education competencies, including critical-thinking skills, personal and professional/career motivation, communication skills and a sense of community. These competencies, however, are not limited to general education courses alone, but are also evident in specialty courses with various disciplines.

Critical-Thinking Skills

As productive members of a democracy, our students must accept the responsibility of making important decisions. Critical-thinking skills promote responsible action in one's personal and professional life. Critical thinking requires the ability to identify problems, research and evaluate alternative solutions and implement decisions. Because of our society's reliance on technology, an ability to solve problems and use math is crucial for success in the professional world and for evaluating matters of national and global importance.

Communication Skills

The ability to communicate well in a competitive and technological world is crucial to the success of our students. In business, academic and personal settings, the emphasis on teamwork requires that individuals use listening, reading, writing, speaking and computer skills to solve problems effectively. For communities to improve their social, economic and physical environments, citizens must be able to express their ideas, evaluate opposing viewpoints and debate possible courses of action. The Roane State curriculum emphasizes all of these communication skills.

Personal & Professional/Career Motivation

Personal and professional motivation is essential for becoming a productive member of society. Individuals must understand their own personal needs, set goals, clarify values, appreciate the value of scholarship in all fields and practice wellness in order to maximize their potential and understand the complex web of dependence and responsibility we all have toward each other.

Sense of Community

Roane State is committed to providing an education which fosters skills of cooperation and a sense of responsibility. Ethics of social responsibility include tolerance, an appreciation of diversity and an awareness of the interdependence of individuals and communities. Concern for the environment and understanding the earth's eco-systems is crucial to thinking and planning for the 21st century. Graduates who think globally become professionals with the long-range vision needed by their organizations. Awareness of cultural and artistic heritage and aesthetic sensitivity contribute to understanding the role of values necessary to transform society.

UNIVERSITY PARALLEL PROGRAMS

ASSOCIATE OF ARTS/ASSOCIATE OF SCIENCE PROGRAMS

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 or Associate of Science degree program. The advantages of taking the first two years at Roane State include:

- Roane State's maintenance fees are among the lowest of any fees charged by Tennessee's colleges and universities.
- Roane State's class enrollments are generally smaller which lends itself to more individualized instruction.
- Obtaining an Associate of Arts or Associate of Science degree allows a student to have credentials for employment while completing his/her baccalaureate degree.

Roane State has developed cooperative relationships with four-year institutions to assist students in transferring courses. Course-by-course transfer equivalency tables exist for the following schools:

Austin Peay State University
Carson-Newman College
East Tennessee State University
Lincoln Memorial University
Middle Tennessee State University
Tennessee Technological University
Tennessee Wesleyan College
University of Memphis
University of Tennessee - Chattanooga
University of Tennessee - Knoxville
University of Tennessee - Martin

ARTICULATION

Articulation programs, also called 2+2 programs, exist between Roane State, East Tennessee State University, the University of Tennessee-Knoxville, Tennessee Technological University and Lincoln Memorial University. Roane State students can follow an articulation program, obtain an Associate of Arts or Associate of Science degree and be granted admission into a specific program at the university, provided all GPA and entrance requirements are achieved. All articulation programs fulfill Roane State's requirements for either an Associate of Arts or Associate of Science Degree. Roane State Associate of Arts and Associate of Science degrees do not constitute an articulation program.

Students with questions/problems regarding transfer or articulation agreements should contact the articulation coordinator.

If you are planning to transfer to the University of Tennessee-Knoxville, you need to follow one of the RSCC/UTK Articulation Agreements listed below. If your desired major is not listed or you plan to transfer to UT-Martin, UT-Chattanooga, or UT-Memphis, you will need to follow the TBR-UT Transfer Track Module listed on page 82.

UNIVERSITY OF TENNESSEE - KNOXVILLE 2003 Articulation Programs

Students planning to pursue any of the following majors at UTK can follow an articulation program sheet and obtain the first two years of general education requirements at Roane State. Upon completion of those two years, students will have earned an associate degree from Roane State.

All RSCC majors are A.A. or A.S. General

RSCC	UT Major/Degree
A.A./A.S.	Academic Discipline w/Elem Education/B.A. or B.S.
A.A./A.S.	Academic Discipline w/Sec Education/B.A. or B.S.
A.S.	Accounting/B.S. Business Administration
A.A.	Advertising/B.S. Business Administration
A.A.	African/Afr Amer Studies/B.A. Interdisciplinary Programs
A.A.	Anthropology/B.A. Anthropology
A.A.	Art History/B.A. Art History
A.A.	Art Studio/B.A. Art Studio
A.A.	Asian Studies/B.A. Interdisciplinary Programs
A.A.	Audiology/B.A. Audiology
A.S.	Biochem & Cell and Molecular Bio/B.S. Biological Sciences
A.A.	Broadcasting/B.S. Communications
A.S.	Chemistry/B.S. Chemistry
A.A.	Comparative Literature/B.A. Interdisciplinary Programs
A.S.	Ecology & Evolutionary Biology/B.S. Biological Sciences
A.A.	Economics/B.S. Business Administration
A.A.	English/B.A. English
A.S.	Finance/B.S. Business Administration
A.A.	French/B.A. French
A.S.	General Business/A.S. Business Administration
A.A.	Geography/B.A. Geography
A.S.	Geology/B.S. Geology
A.A.	German/B.A. German
A.A.	German Lang & World Bus/B.A. German Lang & World Bus
A.S.	Greek/B.A. Classics
A.A.	History/B.A. History
A.A.	Journalism/B.S. Communications
A.A.	Latin American Studies/B.A. Interdisciplinary Programs
A.A.	Linguistics/B.A. Linguistics
A.S.	Logistics & Transportation/B.S. Business Administration
A.S.	Management/B.S. Business Administration
A.S.	Marketing/B.S. Business Administration
A.S.	Mathematics/B.S. Mathematics
A.A.	Medieval Studies/B.A. Interdisciplinary Programs
A.S.	Microbiology/B.S. Biological Sciences
A.A.	Music/B.A. Music

University Parallel Programs

A.S.	Nursing/B.S. Nursing
A.A.	Philosophy/B.A. Philosophy
A.S.	Plant Biology/B.S. Plant Biology
A.A.	Political Science/B.A. Political Science
A.S.	Pre-Teaching (K-8)/B.S. Pre-Teaching Program
	Environmental Science
	Mathematics
	Math/Science
	Science
A.A.	Psychology/B.A. Psychology
A.S.	Public Administration/B.S. Business Administration
A.A.	Religious Studies/B.A. Religious Studies
A.S.	Social Work/B.S. Social Work
A.A.	Sociology/B.A. Sociology
A.A.	Spanish/B.A. Spanish
A.A.	Speech Communications/B.A. Speech Communications
A.A.	Speech Pathology/B.A. Speech Pathology
A.S.	Statistics/B.A. Statistics
A.A.	Theatre/B.A. Theatre
A.A.	Urban Studies/B.A. Urban Studies
A.A.	Women's Studies/B.A. Interdisciplinary Programs

TBR-UT TRANSFER TRACK MODULE

Configuration of A.A. and A.S. Degrees

University Parallel Major, General Studies Area of Emphasis

- | | |
|--------------------------|---|
| Category 1 - 2 Courses - | English Composition (normally 6 credit hours)
Analytic and expository writing |
| Category 2 - 2 Courses - | Mathematics (normally 6 credit hours)
Solving quantitative and logical problems numerically |
| Category 3 - 2 Courses - | Science (normally 6-8 credit hours)
Using scientific principles to describe the natural world in disciplines like Biology, Chemistry, Geology, Physics, etc. |
| Category 4 - 4 Courses - | History and Humanities (normally 15 credit hours)
Analysis and/or performance courses in disciplines such as Literature, Speech Communications, Theatre, Art, Music, etc.;
History (normally 6 credit hours) including American History as required by TCA 49-3253 |
| Category 5 - 2 Courses - | Social/Behavioral Science (normally 6 credit hours)
Theory, practice and analysis in disciplines such as Anthropology, Criminal Justice, Economics, Political Science, Psychology and Sociology, etc. |
| Category 6 - 2 Courses - | Multicultural and Interdisciplinary Studies*
(normally 6 credit hours) Courses with an international dimension or which explore human civilizations and cultures; courses which explore issues across disciplines; foreign language courses that include practical skills for speaking, listening, writing, reading, and cultural understanding.
*Intermediate foreign language required for most B.A. degree majors and for selected B.S. degree majors. |

Category 7 - 2 Courses - Physical Education (normally 2 credit hours)
Activity skill building courses (sports, fitness, wellness)

Category 8 - 4-5 Courses - Pre-Major/Major Elective courses (normally 12-15 credit hours) Coursework must include the following:
SPCH 201; COLL 1020; EDU 100

You must contact your faculty advisor early in your college career to assist in your academic planning. The choice of courses depends upon the intended major at the university to which transfer is planned. Courses to be transferred under the stipulations of the University Track Module must be completed with the grade of "C" or better.

TENNESSEE TECHNOLOGICAL UNIVERSITY 2003 Articulation Programs

Students planning to pursue any of the following majors at TTU can follow the articulation program sheet and obtain the first two years of general education requirements at Roane State. Upon completion of those first two years, students will have earned an associate degree from Roane State. Specialty courses for each major are completed at TTU.

RSCC

A.A. Bus Admin
A.S. Biology
A.S. Biology
A.S. Biology
A.S. Pre-Engineering
A.S. Pre-Engineering
A.S. Computer Science
A.A./A.S. Social Science
A.S. Early Childhood Edu
A.S. Business Admin
A.S. Pre-Engineering
A.S. Elementary Edu
A.S. Elementary Edu
A.S. Business Admin
A.S. Business Admin
A.S. General
A.S. Pre-Engineering
A.S. Technology
A.S. Business Admin
A.S. Business Admin
A.S. Pre-Engineering
A.A.S. Nursing
A.S. Pre-Nursing
A.S. Business Admin
A.S. Business Admin
A.S. Social Science
A.S. Secondary Edu
A.S. Secondary Edu
A.S. Secondary Edu
A.S. Secondary Edu

TTU Major/Degree

Accounting/B.S.
Biochemistry-Biology/B.S. Biology
Biology/B.S.
Biology-Environmental/B.S.
Chemical Engineering/B.S.
Civil and Environmental Engineering/B.S.
Computer Science Option II-Information Systems/B.S.
Criminal Justice/B.S. Sociology
Early Childhood Edu (Pre-K-4 Licensure)/B.S.
Economics/B.S.
Electrical and Computer Engineering/B.S.
Elementary Edu (K-8 Licensure)/B.S.
Elementary Edu (5-8 Licensure) Middle School/B.S.
Finance/B.S.
General Management/B.S. Business Management
Health and Physical Education/B.S.
Industrial Engineering/B.S.
Industrial Technology
Management Information Systems/B.S. Bus. Mgmt.
Marketing/B.S.
Mechanical Engineering/B.S.
Nursing/B.S.
Nursing/B.S.
Personnel/Labor Relations/B.S. Business Management
Production/Operations Mgmt/B.S. Business Management
Psychology/B.S.
Secondary Edu (7-12)/B.S.
Secondary Edu (7-12) Biol, Chem, Earth Sci./B.S.
Secondary Edu (7-12) English/B.S.
Secondary Edu (7-12) History/B.S.

University Parallel Programs

A.S. Secondary Edu	Secondary Edu (7-12) Mathematics/B.S.
A.A./A.S. Social Science	Social Work/B.S. Sociology
A.S. Social Science	Sociology/B.S.
A.S. Special Edu	Special Edu-Comprehensive Prog (K-12)/B.S.
A.S. Special Edu	Special Edu-Modified Prog (K-12)/B.S.
A.S. Wildlife Science	Wildlife and Fisheries Science/B.S.

EAST TENNESSEE STATE UNIVERSITY 2003 Articulation Programs

Students planning to pursue any of the following majors at ETSU can follow an articulation program sheet and obtain the first two years of general education requirements at Roane State. Upon completion of those two years, students will have earned an associate degree from Roane State.

RSCC	ETSU Major/Degree/Concentration
A.S. Business Admin	Accounting/B.B.A.
A.A.S. Resp Therapy Tech	Allied Health/B.S. Cardiopulmonary Science Radiography
A.S. Business Admin	Economics/B.A.
A.S. Business Admin	Economics/B.B.A. Business Economics General Business Economics
A.S. Business Admin	Finance/B.B.A. Banking Corporate Finance & Investment Real Estate
A.S. Business Admin	Management/B.B.A. General Management Human Resources Management Legal Studies Logistics/Supply in Management Management Information Systems
A.S. Business Admin	Marketing/B.B.A. Food Marketing Integrated Marketing Communications Marketing Management
A.S. Business Admin	Economics/B.A.
A.S. Business Admin	Economics/B.B.A. Business Economics
A.S. General	Environmental Health/B.S.
A.A.S. Environ Health Tech	Environmental Health/B.S.
A.S. General	General Studies/B.G.S.
A.A.S. Geo Info Systems	Geography/B.S.
A.A.S. Nursing	Nursing/B.S.
A.S. Pre-Engineering	Technology/B.S. Technology Biomedical Engineering Technology Construction Engineering Technology Design Graphics Electronics Engineering Technology Industrial Technology Manufacturing Engineering Technology

LINCOLN MEMORIAL UNIVERSITY 2003 Articulation Programs

Students planning to pursue any of the following majors at LMU can follow an articulation program sheet and obtain the first two years of general education requirements at Roane State. Upon completion of those two years, students will have earned an associate degree from Roane State.

All RSCC degrees are A.A. or A.S. General

RSCC	LMU Major/Degree
A.A./A.S.	Accounting/B.B.A.
A.A./A.S.	Art/B.A.
A.A./A.S.	Art Education/Teacher Licensure K-12/B.A.
A.A./A.S.	Athletic Training/B.S.
A.A./A.S.	Basic Business-Teacher Licensure/B.A.
A.A./A.S.	Biology/B.S.
A.A./A.S.	Biology-Teacher/B.S.
A.A./A.S.	Chemistry/B.S.
A.A./A.S.	Chemistry-Teacher Licensure/B.S.
A.A./A.S.	Communications Arts/B.A.
A.A./A.S.	Economics/B.B.A.
A.A./A.S.	English/BA.
A.A./A.S.	English-Teacher Licensure/B.A.
A.A./A.S.	Environmental Science/B.S.
A.A./A.S.	General Business/B.B.A.
A.A./A.S.	Health/B.S.
A.A./A.S.	Health-Teacher Licensure/B.S.
A.A./A.S.	History/B.A.
A.A./A.S.	History-Teacher Licensure/B.A.
A.A./A.S.	Humanities/B.A.
A.A./A.S.	Interdisciplinary Social Science-Teacher Licensure/B.A.
A.A./A.S.	Liberal Studies and Human Development-Teacher Licensure K-8/B.S.
A.A./A.S.	Management/B.B.A.
A.A./A.S.	Marketing/B.B.A.
A.A./A.S.	Mathematics/B.S.
A.A./A.S.	Mathematics-Teacher Licensure/B.S.
A.A./A.S.	Medical Technology/B.S.
A.A./A.S.	Nursing/B.S.N.
A.A./A.S.	Physical Education-Teacher Licensure/B.S.
A.A./A.S.	Psychology/B.S.
A.A./A.S.	Social Work/B.S.S.W.
A.A./A.S.	Veterinary Science/B.S.
A.A./A.S.	Wildlife and Fisheries Management/B.S.

**TENNESSEE BOARD OF REGENTS MINIMUM DEGREE
REQUIREMENTS AND TRANSFERABILITY OF COURSES THAT
FULFILL MINIMUM DEGREE REQUIREMENTS**

All universities and community colleges in the Tennessee Board of Regents System (TBR) share a common set of Minimum Requirements for baccalaureate degrees or associate degrees designed for transfer. The Minimum Degree Requirements specify thirty-two semester credit hours in the following subjects:

Subject Area	Semester Credit Hours Required
English Composition (including at least three semester credit hours in literature)	6
Humanities (including at least three semester credit hours in literature)	9
History TBR universities require American History, except in a limited number of majors exempted from the requirement. (See specific university catalogs concerning majors that are exempt.) Community colleges may specify American History, Western Civilization, World Civilization, or World History in accordance with the requirements of institutions to which students plan to transfer. At either universities or community colleges, students may substitute three semester credit hours of Tennessee History for the American History required.	6
Natural/Physical Sciences and Mathematics (to include one year of science and at least one course in mathematics)	9
Physical Education Activity Courses (to be taken as two one-semester credit hour courses) Institutions may substitute satisfactory participation in ROTC, marching band, or armed forces experiences for physical education activity courses.	2
TOTAL	32

Every TBR institution incorporates the thirty-two 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.

Identifying Courses Satisfying the Minimum Degree 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 denoted in catalogs by the ♦ symbol. 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 web page (www.tbr.state.tn.us).

ASSOCIATE OF ARTS/ASSOCIATE OF SCIENCE MINIMUM REQUIREMENTS TO FULFILL THE GENERAL EDUCATION CORE

Orientation to College (1 credit hour)

EDU 100 Orientation to College

NOTE: Students who have transferred to Roane State with 12 credit hours from another institution are exempt from this requirement. However, the student must still meet the credit hour requirement for the degree.

Written Communications (6 semester hours)

Courses that fulfill **English Composition** requirement:

ENG 1010 English Composition I
ENG 1020 English Composition II

Oral Communications (3 semester hours)

Courses that fulfill **Oral Communications** requirement:

SPCH 201 Basic Speech Communication
SPCH 221 Business and Professional Speaking

Humanities/Fine Arts (9 semester hours)

Must include a three-hour course from literature, a three-hour course from humanities and an additional three-hour course from literature, fine arts or humanities. One-hour courses may not be used to fulfill the general education requirement. Check with your senior institution for transferable courses and sequence requirement.

Courses that fulfill **Literature** requirement:

ENGL 2010 Survey of British Literature I
ENGL 2020 Survey of British Literature II
ENGL 2030 Appalachian Literature
ENGL 2110 Survey of American Literature I
ENGL 2120 Survey of American Literature II
ENGL 2310 Survey of World Literature I
ENGL 2320 Survey of World Literature II

Courses that fulfill **Humanities** requirement other than literature:

Art
ART 1030 Art Appreciation
ART 104 Introduction to Illustration
ART 105 Illustration

ART 111	Drawing I: Survey of Drawing
ART 113	Painting I
ART 114	Painting II
ART 131	Photography I
ART 132	Photography II
ART 140	Introduction to Industrial Design
ART 141	Beginning Graphic Design
ART 142	Computer Art I
ART 143	Computer Art II
ART 144	Computer Art III
ART 145	Computer Art IV
ART 147	Industrial Design II
ART 151	Ceramics I
ART 152	Ceramics II
ART 161	Printmaking I
ART 191	Practicing Artists Seminar
ART 201	Survey of Art History I
ART 202	Survey of Art History II
ART 203	Survey of Contemporary Art
ART 205	Web Graphics I
ART 206	Web Graphics II
ART 207	Animation I
ART 208	Animation II
ART 209	Animation III
ART 211	Watercolor I
ART 212	Watercolor II
English	
ENGL 2230-2240-2250	Seminar in Creative Writing
ENGL 2311	Introduction to Technical Writing
Foreign Language	
FREN 1010	Beginning French I
FREN 1020	Beginning French II
FREN 2010	Intermediate French I
FREN 2020	Intermediate French II
GERM 1010	German I
GERM 1020	German II
GERM 2010	Intermediate German I
GERM 2020	Intermediate German II
SPAN 1010	Beginning Spanish I
SPAN 1020	Beginning Spanish II
SPAN 2010	Intermediate Spanish I
SPAN 2020	Intermediate Spanish II
Humanities	
HUM 261-291	Humanities Seminar
Music	
MUS 1030	Music Appreciation
MUS 110	Music Theory I
MUS 120	Music Theory II
MUS 131	Pop Music In America
MUS 140	Fundamentals of Music
MUS 210	Music Theory III
MUS 220	Music Theory IV
MUS 230	Introduction to Music Literature I

MUS 240	Introduction to Music Literature II
MUS 250	Choral Conducting
Philosophy	
PHIL 1030	Introduction to Philosophy
PHIL 111	Elementary Logic
PHIL 121	Elementary Ethics
PHIL 130-150	Philosophy Seminar
PHIL 201	Introduction to Religions of the World
PHIL 231	Medical Ethics
Theatre	
THEA 1030	Introduction to Theatre
THEA 231	Fundamentals of Acting I
THEA 232	Fundamentals of Acting II

History Sequence (6 semester hours)

Check with your senior institution for transferable courses and sequence requirements. Choose from one of the following sequences.

Courses that fulfill **History** requirement:

HIST 1010	Survey of Western Civilization I
HIST 1020	Survey of Western Civilization II
HIST 1210	Survey of World History I
HIST 1220	Survey of World History II
HIST 2010	Survey of United States History I
HIST 2020	Survey of United States History II

Mathematics (3 semester hours)

Check with your senior institution for transferable courses and sequence requirements.

Courses that fulfill **Mathematics** requirement:

MATH 1130	College Algebra
MATH 1410	Number Concepts/Algebra Structures
MATH 1420	Problem Solving/Geometry
MATH 1530	Probability & Statistics
MATH1730	Pre-Calculus
MATH 1810	Calculus for Business/Life Science I
MATH 1820	Calculus for Business/Life Science II
MATH1910	Calculus I
MATH 1920	Calculus II
MATH 2000	Matrix Computations
MATH 2010	Matrix Algebra
MATH 2100	Discrete Math
MATH 2110	Calculus III

Natural/Physical Science (8 semester hours)

Check with your senior institution for transferable course and sequence requirements. Choose from one of the following sequences.

Courses that fulfill **Natural/Physical Science** requirement:

ASTR 1010	Introduction to Astronomy I
ASTR 1020	Introduction to Astronomy II
BIOL 1110	General Biology I
BIOL 1120	General Biology II
BIOL 2010	Anatomy & Physiology I

BIOL 2020	Anatomy & Physiology II
BIOL 2120	Cell Biology
BIOL 2130	General Genetics
BIOL 2230	Microbiology
BIOL 2530	General Ecology
CHEM 1000	Fundamentals of Chemistry
CHEM 1010	Chemical Principals
CHEM 1020	Basic Organic & Biochemistry
CHEM 1110	General Chemistry I
CHEM 1120	General Chemistry II
CHEM 2010	Organic Chemistry I
CHEM 2020	Organic Chemistry II
CHEM 2021	Quantitative Analysis
CHEM 2110	Qualitative Analysis
GEOL 1040	Physical Geology
GEOL 1050	Historical Geology
PHYS 1010	Survey of Physics
PHYS 2010	General Physics I
PHYS 2020	General Physics II
PHYS 2110	Physics I
PHYS 2120	Physics II

Physical Education Activity (2 courses required)

Two different courses in Physical Education are required. If a two or three-hour course is used to satisfy this requirement, the extra credit hour(s) will count as elective credit toward graduation.

Courses that fulfill the **Physical Education** requirement:

PHED 1060	Judo I
PHED 1070	Judo II
PHED 1090	Team Games & Conditioning
PHED 1100	Fitness Walking
PHED 1120	Slimnastics
PHED 1130	Aerobics
PHED 1170	Basketball
PHED 1180	Bowling
PHED 1210	Golf
PHED 1300	Weight Training
PHED 1310	Marksmanship/Firearms Safety
PHED 1320	Racquetball
PHED 1330	Softball
PHED 1340	Tennis
PHED 1350	Volleyball
PHED 1360	Skiing
PHED 1380	Fitness for Living I
PHED 1390	Fitness for Living II
PHED 1400	Fitness for Living III
PHED 1410	Fitness for Living IV
PHED 1750	Concepts of Wellness
PHED 2050	Recreational Hiking
PHED 2310	Wilderness Camping
PHED 2510	Swimming
PHED 2550	Rowing

Computer Literacy (3 semester hours)

COLL 1020 Computer Concepts & Appl.

Any course(s) in Computer Science (CST prefix) may be used, however, some senior institutions may require a course that is more appropriate for the major. Consult with your senior institution.

Social Science Elective (3 semester hours)

Check with your senior institution for transferable courses in the following areas:

Economics
Geography
History
Political Science
Psychology
Social Science Seminars
Sociology

Major Courses and Electives (16 semester hours)

Check with your senior institution for transferable courses. Students pursuing the Associate of Arts degree must complete 6 hours of foreign language as part of this requirement.

Curriculum Guides

If no articulation agreement is available for a particular school or major, students may follow one of the Curriculum Guides found on the following pages. The Curriculum Guides are *suggested* courses of study that include general education courses and a foundation of courses designed for particular majors.

Curriculum Guides are not intended to represent a particular major at any particular college or university. Students should obtain a copy of the catalog for the senior institution they plan to attend and use it during advisement sessions to assist with the selection of courses that meet requirements for selected majors at senior institutions.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

The agriculture curriculum is designed for the student planning to complete a baccalaureate degree at a four-year college or university. The plan of study allows only for the general education requirements of the four-year institution. More specific courses within the major will be offered at the senior institution during the junior and senior years.

Agriculture

Degree: Associate of Science

First Year		Hours
EDU 100	Orientation to College	1
◆ ENGL 1010, 1020	Composition I, II	6
MATH	Mathematics Elective ¹	3
◆ PHED	Physical Education Elective	1
SPCH	Speech Elective	3
	Physical/Natural Science Sequence ¹	8
	Electives ¹	6
	Humanities Elective ¹	<u>3</u>
	Total First Year	31
Second Year		
CST	Computer Science Elective ¹	3
◆ ENGL	Sophomore Literature ¹	6
◆ HIST	History Sequence ¹	6
MATH	Mathematics Elective ¹	3
◆ PHED	Physical Education Elective	1
	Electives ¹	12
	Social Science Elective ¹	<u>3</u>
	Total Second Year	34
	TOTAL HOURS	65

¹Students should consult curriculum requirements of the senior institution for appropriate course selection.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

Art

Degree: Associate of Arts Or
Associate of Science

The art curriculum is designed primarily for the general enrichment of the student as well as providing professional art and liberal arts course work for transfer to a four-year institution. This program is designed to develop fundamental skills in technical and creative expression. An art major planning to transfer to a senior institution should plan a program to meet specific requirements for the lower division at that institution. The art department reserves the right to retain student work for exhibition.

First Year			Hours
◆ ART	101, 102	Studio Fundamentals	4
◆ ART	201, 202	Art History I, II	6
	ART	Art Elective ¹	3
	EDU 100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
	MATH	Mathematics Elective ¹	3
◆ SPCH	201	Basic Speech	3
		Foreign Language Sequence ²	<u>6</u>
		First Year Total	32
Second Year			Hours
	ART 103	Studio Fundamentals	2
◆ ART	140	Computer Art	3
	ART 181	Visions Seminar	2
	ART	Art Electives ¹	6
◆ ENGL		Sophomore Literature Elective ¹	3
◆ HIST		History Sequence ¹	6
◆ PHED		Physical Education Electives	2
		Physical/Natural Science Sequence ¹	8
		Elective ¹	<u>3</u>
		Second Year Total	35
		TOTAL HOURS	67

¹Students should consult curriculum requirements of the senior institution for appropriate course selection.

²Required for Associate of Arts (AA) degree only. Students seeking an Associate of Science (AS) degree should select general electives appropriate for a senior institution.

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

Art Education

Degree: Associate of Science

The art education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in art education.

First Year			Hours
ART	101, 102	Studio Fundamentals	4
◆ ART	142	Computer Art or	
		Computer Science Elective	3
		CST	
EDU	100	Orientation to College	1
EDU	210	Child and Adolescent Development	3
EDU	211	Educational Psychology	3
◆ ENGL	1010, 1020	Composition I, II	6
◆ PHED		Physical Education Electives	2
		Elective ¹	3
		Physical/Natural Science Sequence ¹	<u>8</u>
		Total First Year	33
Second Year			
ART	103	Studio Fundamentals	2
ART	113, 114	Painting I, II	6
◆ ART	201, 202	Art History I, II	6
◆ ENGL		Sophomore Literature Electives ¹	6
◆ HIST		History Sequence ¹	6
MATH		Mathematics Electives ¹	6
◆ SPCH	201	Basic Speech	<u>3</u>
		Total Second Year	35
		TOTAL HOURS	68

¹Students should consult curriculum requirements of the senior institution for appropriate course selection.

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

Biology

Degree: Associate of Science

The biology curriculum is designed for students planning to complete the bachelor's degree at a four-year institution. This program generally meets the transfer requirements for students entering any one of the state's major universities. Before entering this plan of study, each student should become acquainted with any pre-transfer requirements the receiving institution may stipulate. The current job market gives highest priority to the graduate degree in biology.

First Year			Hours
◆ BIOL	1110, 1120	Biology I, II	8
◆ CHEM	1110, 1120	General Chemistry I, II	8
◆ COLL	1020	Computer Concepts & Appl. ¹	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	English Composition I, II	6
◆ MATH	1130	College Algebra ²	3
◆ MATH	1530	Probability & Statistics (Non-Calculus based)	3
◆ PHED		Physical Education Electives	<u>2</u>
First Year Total			34
Second Year			
◆ BIOL	2230	Microbiology	3
◆ BIOL	2530	Ecology	4
◆ ENGL		Sophomore English Elective ³	3
◆ HIST		History Sequence ³	6
◆ PHYS	2010, 2020	Non-Calculus Physics I, II ⁴	8
◆ SPCH	201	Basic Speech	3
		Humanities Electives ³	6
		Social Science Elective ³	<u>3</u>
Second Year Total			36
TOTAL HOURS			70

¹Students may substitute other computer related courses with the approval of their academic advisor.

²◆ MATH 1910, 1920 should be substituted for ◆ MATH 1130, 1530 if possible.

³Students must check with transfer institution for appropriate course selection.

⁴Depending on your transfer program, Organic Chemistry (◆ CHEM 2010, 2020) may need to be substituted for Non-Calculus Based Physics (◆ PHYS 2010, 2020).

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Business Administration

Degree: Associate of Science

The business administration program includes professional studies and courses in the liberal arts. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's in accounting, business management, or related fields.

First Year			Hours
BUS	101	Intro to Business	3
◆ COLL	1020	Computer Concepts & Appl.	3
CST	105	Database Management	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
◆ MATH	1810, 1820	Calc for Bus and Life Sciences I, II ¹	6
◆ PHED		Physical Education Electives	2
		Humanities Elective ²	3
		Physical/Natural Science Sequence ³	<u>8</u>
		First Year Total	35
Second Year			
BUS	221, 222	Principles of Accounting I, II	6
ECO	201, 202	Economics I, II	6
◆ ENGL		Sophomore Literature Electives ³	6
◆ HIST		History Sequence ³	6
POL	101	US Govt & Politics	3
◆ SPCH	201	Basic Speech	3
		Humanities Elective ²	3
		Social Science Elective ³	<u>3</u>
		Second Year Total	36
		TOTAL HOURS	71

¹A higher level math course may be substituted. Consult with an advisor.

²Students transferring to UTK should consider scheduling foreign language courses while attending Roane State.

³For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Business and Technology Division.

Curriculum Guides

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Business Education

Degree: Associate of Science

The business education program includes professional studies and courses in liberal arts. Upon completion of this two-year program, a student may transfer to a senior institution to complete the requirements for the bachelor's degree in business education.

First Year			Hours
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	100	Orientation to College	1
EDU	211	Educational Psychology	3
◆ ENGL	1010, 1020	Composition I, II	6
◆ MATH	1810	Calculus for Bus and Life Sciences I	3
OAD	101	Keyboarding/Formatting	3
◆ PHED		Physical Education Electives	2
◆ SPCH	201	Basic Speech	3
		Physical/Natural Science Sequence ¹	8
		Humanities Elective ¹	<u>3</u>
		First Year Total	35
Second Year			
BUS	221, 222	Principles of Accounting I, II	6
ECO	201, 202	Economics I, II	6
EDU	210	Child and Adolescent Development	3
◆ ENGL		Sophomore Literature Electives ¹	6
◆ HIST		History Sequence ¹	6
OAD	121	Word/Information Processing I	3
		Elective ¹	<u>3</u>
		Second Year Total	33
		TOTAL HOURS	68

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

Chemistry

Degree: Associate of Science

The chemistry curriculum is designed for students planning to complete the bachelor's degree at a four-year institution. This program generally meets the transfer requirements for students entering any one of the state's major universities. Before entering this plan of study, each student should become acquainted with any pre-transfer requirements the receiving institution may stipulate.

First Year ¹			Hours
◆ BIOL	1110, 1120	Biology I, II	8
◆ CHEM	1110, 1120	General Chemistry I, II	8
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	English Composition I, II	6
◆ MATH	1910	Calculus I ²	5
◆ PHED		Physical Education Elective	1
◆ SPCH	201	Basic Speech	<u>3</u>
First Year Total			35
Second Year			Hours
◆ CHEM	2010, 2020	Organic Chemistry I, II	8
◆ CHEM	2021	Quantitative Analysis	5
◆ ENGL		Sophomore English Elective ³	3
◆ HIST		History Sequence ³	6
◆ PHED		Physical Education Elective	1
◆ PHYS	2110, 2120	Physics I, II ⁴	8
		Humanities Electives ³	6
		Social Science Elective ³	<u>3</u>
Second Year Total			40
TOTAL HOURS			75

¹Students planning to transfer to Tennessee Technological University or UTK should consult an advisor for the appropriate curriculum.

²If mathematics background or ACT math score is not adequate, consult an advisor about taking ◆ MATH 1730 (Pre-Calculus).

³Students must check with transfer institution for appropriate course selection.

⁴Consult an advisor about substituting ◆ PHYS 2010, 2020 for ◆ PHYS 2110, 2120. Also, check with the senior institution about most recent requirements.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Computer Art and Design

Degree: Associate of Arts Or
Associate of Science

The A.A. or A.S. degree with an emphasis in computer art and design is geared toward those students desiring to transfer to four-year institutions to pursue advanced degrees in graphic design, fine arts, or computer enhanced design. This program will also provide an excellent two-year degree base for those wishing to pursue further work in related fields such as interior design, communications, or television. To complete requirements for graduation from the A.A. or A.S. degree in Computer Art and Design, students must pass competency tests in six areas: basic computer skills; pagination; Raster Graphics; Vector Graphics; 2-D animation; and 3-D animation. In addition students must pass an advanced exam in one area of specialization. An internship is also required.

First Year			Hours
ART	101, 102	Studio Fundamentals	4
◆ ART	141	Graphic Design	3
◆ ART	142, 143	Computer Art I, II	6
ART	181	Visions Seminar I	2
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
MATH		Mathematics Elective ¹	3
◆ PHED		Physical Education Elective	1
◆ SPCH	201	Basic Speech	3
		Foreign Language Sequence ²	<u>6</u>
		First Year Total	35
Second Year			
ART	103	Studio Fundamentals	2
◆ ART	144, 145	Computer Art III, ³ IV	6
ART	182, 183	Visions Seminar II, III	4
◆ ART	191	Practicing Artists Seminar	3
◆ ENGL		Sophomore Literature Elective ¹	3
◆ HIST		History Sequence ¹	6
◆ PHED		Physical Education Elective	1
		Physical/Natural Science Sequence ¹	8
		Social Science Elective ¹	<u>3</u>
		Second Year Total	36
		TOTAL HOURS	71

¹Students should consult curriculum requirements of a senior institution for appropriate course selection.

²Required for A.A. degree. Students seeking an A.S. degree should select a general elective appropriate for a senior institution.

³Students must make a minimum grade of "C" in ART 100, 101, ◆ 142 and 143 before they can register for ◆ ART 144 (Computer Art III).

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

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Computer Science

Degree: Associate of Science

The computer science option is designed for students who wish to complete the first two years of a program leading toward a bachelor's degree in computer science.

First Year			Hours
CST	109	Intro to Programming I ¹	3
CST	203	Data Structures	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	English Composition I, II	6
◆ HIST		History Sequence ²	6
◆ MATH	1910, 1920	Calculus I, II	10
◆ PHED		Physical Education Electives	2
		Humanities Elective ²	<u>3</u>
		First Year Total	34
Second Year			
ECO	201, 202	Economics I, II	6
◆ ENGL		Sophomore English Electives ²	6
◆ MATH	2100, 2010	Discrete Math I, Matrix Algebra	6
◆ SPCH	201	Basic Speech	3
		Humanities Elective ²	3
		Physical/Natural Science Sequence ²	<u>8</u>
		Second Year Total	32
		TOTAL HOURS	66

¹Co-requisite for CST 109 is ◆ COLL 1020.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Business and Technology Division.

Curriculum Guides

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Early Childhood Education

Degree: Associate of Science

The early childhood education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in early childhood education. Due to varying requirements at four-year institutions, students are encouraged to select courses in consultation with an education advisor.

First Year		Hours
EDU 100	Orientation to College	1
EDU 101	Intro to Teaching Profession	2
EDU 121	Intro to Early Childhood Education	3
EDU 210	Child and Adolescent Development	3
EDU 211	Educational Psychology	3
◆ ENGL 1010, 1020	Composition I, II	6
HEA 221	Safety and First Aid	3
HEA 241	School Health	2
HEC 131	Elementary Nutrition	2
◆ PHED	Physical Education Elective	1
	Physical/Natural Science Sequence ¹	<u>8</u>
	First Year Total	34
Second Year		
◆ ART 142	Computer Art or	
CST	Computer Science Elective	3
EDU 220	Creative Arts for Young Children	3
◆ ENGL	Sophomore Literature Electives ¹	6
◆ HIST	History Sequence ¹	6
MATH	Mathematics Electives ¹	6
◆ MUS 1030	Music Appreciation	3
◆ PHED	Physical Education Elective	1
◆ SPCH 201	Basic Speech	3
	Social Science Elective ¹	<u>3</u>
	Second Year Total	34
	TOTAL HOURS	68

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Curriculum Guides

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Elementary Education

Degree: Associate of Science

The elementary education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum generally meets the lower division requirements for transfer to a senior institution granting the bachelor's degree in elementary education.

First Year		Hours	
EDU	100	Orientation to College	1
EDU	101	Intro to Teaching Profession	2
EDU	210	Child and Adolescent Development	3
EDU	211	Educational Psychology	3
◆ ENGL	1010, 1020	Composition I, II	6
HEC	131	Elementary Nutrition	2
◆ PHED		Physical Education Electives	2
		Electives ¹	6
		Physical/Natural Science Sequence ¹	8
		First Year Total	33
Second Year			
◆ ART	1030	Art Appreciation	3
◆ ART	142	Computer Art or	
◆ COLL	1020	Computer Concepts & Appl.	3
◆ ENGL		Sophomore Literature Electives ¹	6
HEA	221	Safety and First Aid	3
◆ HIST		History Sequence ¹	6
MATH		Mathematics Electives ¹	6
◆ MUS	1030	Music Appreciation	3
◆ SPCH	201	Basic Speech	3
		Second Year Total	33
		TOTAL HOURS	66

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Students planning to transfer to UTK will major in the area they plan to teach (English, History, Foreign Language, etc.) and minor in Education when they enroll at UTK.

Curriculum Guides

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English

Degree: Associate of Arts Or
Associate of Science

Students in the English curriculum will develop skills as critical thinkers and writers, using the broad foundation of the curriculum to focus on specialized writing situations. These skills will be further emphasized by the study of a wide range of literature and career-oriented writing.

First Year		Hours	
CST		Computer Science Elective	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
ENGL		English Elective	3
MATH		Mathematics Elective ¹	3
◆ PHED		Physical Education Elective	1
◆ SPCH	201	Basic Speech	3
		Foreign Language Electives ²	6
		Physical/Natural Science Electives ¹	8
		First Year Total	34
Second Year			
◆ ENGL	2311	Technical Writing	3
ENGL		Creative Writing Elective	3
◆ ENGL		Sophomore Literature Electives	6
◆ HIST		History Sequence ¹	6
◆ PHED		Physical Education Elective	1
		Foreign Language Electives ²	6
		Humanities Elective ¹	3
		Social Science Elective ¹	3
		Second Year Total	31
		TOTAL HOURS	65

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

²Required for Associate of Arts (AA) degree only. Students seeking an Associate of Science (AS) degree should select a general elective appropriate for the senior institution.

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

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Forestry

Degree: Associate of Science

The forestry curriculum is designed for students planning to complete a bachelor's degree at a university after receiving an associate's degree from Roane State. This program will generally meet university transfer requirements. Because of varying requirements at universities, students should meet with an advisor to determine specific requirements of the transfer university before starting this program.

First Year			Hours
◆ BIOL	1110, 1120	General Biology I, II	8
◆ BIOL	2011	Environmental Science	3
◆ CHEM	1010	Intro to Chemistry I	
◆ CHEM	1110	General Chemistry	4
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I	6
◆ MATH	1730	Pre-Calculus	4
◆ MATH	1910	Calculus I	5
◆ PHED		Physical Education Electives	<u>2</u>
First Year Total			33
Second Year			
◆ BIOL	2530	General Ecology	4
◆ COLL	1020	Computer Concepts & Appl.	3
ECO	201	Principles of Economics I	3
◆ ENGL	2311	Technical Writing	3
◆ ENGL		Sophomore Literature ¹	3
◆ HIST		History Sequence ¹	6
◆ MATH	2050	Probability & Statistics (Calculus-Based)	3
◆ SPCH	201	Basic Speech	3
		Humanities Electives ²	<u>6</u>
Second Year Total			34
TOTAL HOURS			67

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

²Choose from ◆ PHIL 1030, 1110 or 1210.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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General

Degree: Associate of Arts Or
Associate of Science

With an appropriate choice of electives, a student can, by following this general program, earn an associate degree from RSCC and also complete the lower division requirements for a bachelor's degree at a four-year institution.

First Year		Hours	
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	English Composition I, II	6
◆ HIST		History Sequence ¹	6
MATH		Mathematics Elective ¹	3
◆ PHED		Physical Education Elective	1
		Social Science Elective ¹	3
		Electives ^{1,2}	8
		First Year Total	28
Second Year		Hours	
CST		Computer Science Elective or	
◆ COLL	1020	Computer Concepts & Appl.	3
◆ ENGL		Sophomore Literature ¹	3
◆ PHED		Physical Education Elective	1
◆ SPCH		Speech Elective	3
		Humanities Electives ¹	6
		Physical/Natural Science Sequence ¹	8
		Electives ^{1,3}	8
		Second Year Total	32
		TOTAL HOURS	60

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

²An Associate of Arts (AA) degree requires 6 hours of the same foreign language.

³At least 15 hours of electives should be taken at the 200 level.

Students pursuing this area of study will be advised by the Math/Sciences Division or Humanities Division.

Curriculum Guides

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Mathematics or Physical Science¹

Degree: Associate of Science

The mathematics or physical science curriculum will allow students to transfer to four-year colleges or universities and work toward a bachelor's degree in mathematics, physics, or any area which has similar requirements for the first two years.

First Year		Hours
◆ CHEM 1110, 1120	General Chemistry I, II ¹	8
◆ COLL 1020	Computer Concepts & Appl.	3
◆ EDU 100	Orientation to College	1
◆ ENGL 1010, 1020	Composition I, II	6
◆ HIST	History Sequence ³	6
◆ MATH 1910, 1920	Calculus I, II	10
◆ PHED	Physical Education Elective	<u>1</u>
	First Year Total	35
Second Year		Hours
◆ ENGL	Sophomore Literature Elective ³	3
◆ MATH 2210	Discrete Mathematics ⁴	3
◆ MATH 2120	Differential Equations	3
◆ MATH 2110	Calculus III	3
◆ MATH 2010	Matrix Algebra	3
◆ PHYS 2110, 2120	Calculus-Based Physics I, II	8
◆ PHED	Physical Education Elective	1
◆ SPCH 201	Basic Speech	3
	Humanities Electives ³	9
	Social Science Elective ³	<u>3</u>
	Second Year Total	39
	TOTAL HOURS	74

¹Students majoring in mathematics may substitute two semesters of biology.

²Students may substitute other computer related courses with the approval of their academic advisor.

³Students must check with transfer institution for appropriate course selection.

⁴Required for mathematics majors only.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Music¹

Degree: Associate of Arts Or
Associate of Science

A music major planning to transfer to a senior institution should become familiar with the specific lower division requirements at that institution. The curriculum in this degree is designed to give the performing music major a sound basis for continuing music study at a senior institution.

NOTE: All music majors must have a major applied area at the college; all music majors must pass a piano proficiency examination equivalent to two years of college piano; all music majors must attend all solo classes and other selected performances; all music majors must register for MUS 010 - Solo Class (for no credit) - every semester and MUS 020 - Recital (for no credit) - the last semester before graduation.

First Year			Hours
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
MATH		Mathematics Elective ²	3
MUS	010	Solo Class (two semesters)	0
◆ MUS	110, 120	Theory I, II	6
MUS	111, 121	Theory Practicum I, II	2
◆ MUS	230, 240	Intro to Music Lit I, II ³	6
MUS		Individual Instruction in Major	4
MUS		Ensemble	2
◆ PHED		Physical Education Electives	2
		Social Science Elective ²	3
		First Year Total	35
Second Year			
CST		Computer Science Elective ²	3
◆ ENGL		Sophomore Literature ²	3
◆ HIST		History Sequence ²	6
MUS	010	Solo Class (two semesters)	0
MUS	020	Recital	0
◆ MUS	210, 220	Theory III, IV	6
MUS	211, 221	Theory Practicum III, IV	2
MUS		Individual Instruction in Major	4
MUS		Ensemble	1
◆ SPCH	201	Basic Speech	3
		Physical/Natural Science Sequence ²	8
		Second Year Total	36
		TOTAL HOURS	71

¹Associate of Arts degree can be obtained by including six additional hours of the same foreign language.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

³Offered every other year; student should be advised to take history the year Music Lit is not offered.

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

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Music Education

Degree: Associate of Science

The music education curriculum is designed for students who plan to complete a bachelor's degree in music and who desire to receive a certificate to teach music in elementary or secondary school.

NOTE: All music majors must have a major applied area at the college; all music majors must pass a piano proficiency examination equivalent to two years of college piano; all music majors must attend all solo classes and other selected performances; all music majors must register for MUS 010 - Solo Class (for no credit) - every semester and MUS 020 - Recital (for no credit) - the last semester before graduation.

First Year	Hours
EDU 100	Orientation to College ¹ 1
EDU 210	Child and Adolescent Development 3
EDU 211	Educational Psychology 3
◆ ENGL 1010, 1020	Composition I, II 6
MATH	Mathematics Elective ² 3
MUS 010	Solo Class (2 semesters) 0
◆ MUS 110, 120	Theory I, II 6
MUS 111, 121	Theory Practicum I, II 2
MUS	Individual Instruction in Major 4
MUS	Ensemble (2 semesters) 2
◆ PHED	Physical Education Elective 1
◆ SPCH 201	Basic Speech 3
	Elective ³ 3
	Total First Year 37
Second Year	
◆ ART 142	Computer Art or 3
CST	Computer Science Elective 3
◆ ENGL	Sophomore Literature Electives ² 6
HIST	History Sequence ² 6
MUS 010	Solo Class (2 semesters) 0
MUS 020	Recital 0
◆ MUS 210, 220	Theory III, IV 6
MUS 211, 221	Theory Practicum III, IV 2
MUS	Individual Instruction in Major 2
MUS	Ensemble 1
◆ PHED	Physical Education Elective 1
	Physical/Natural Science Sequence ² 8
	Total Second Year 35
	TOTAL HOURS 72

¹Students transferring to Tennessee Technological University should also take EDU 101.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

³Students are encouraged to take Music Ensemble as an added elective during their fourth semester.

Students pursuing this area of study will be advised by the Humanities Division.

Curriculum Guides

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Pre-Engineering

Degree: Associate of Science

The basic pre-engineering curriculum is designed for students who want to earn bachelor's degrees in any engineering field at a four-year institution. Upon successful completion of the basic program, students can transfer to any college with an engineering program. These programs include: aerospace, biomedical, chemical, civil, electrical, engineering mechanics, engineering physics, engineering science, fire protection, industrial, mechanical, nuclear, environmental.

**All Math/Science courses listed in bold, italicized print have prerequisites.
Please check the Course Description section of the catalog.**

First Year ¹		Hours
◆ <i>CHEM 1110, 1120</i>	<i>General Chemistry I, II</i>	8
EDU 100	Orientation to College	1
◆ ENGL 1010, 1020	Composition I, II	6
ESC 111	Survey of Engineering	1
◆ <i>MATH 1910, 1920</i>	<i>Calculus I, II</i>	10
◆ PHED	Physical Education Electives	2
	Humanities Electives ²	6
	Social Science Elective ²	<u>3</u>
	First Year Total	37
Second Year		
◆ ENGL	Sophomore Literature Elective ²	3
ERG 161	Engineering Graphics ³	3
ESC 112	Computer Aided Engineering	3
<i>ESC 211</i>	<i>Statics</i> ¹ (Offered fall only)	3
<i>ESC 212</i>	<i>Dynamics</i> ¹ (Offered spring only)	3
◆ HIST	History Sequence ²	6
◆ <i>MATH 2110</i>	<i>Calculus III</i> ⁴ (Offered fall only)	3
◆ <i>MATH 2120</i>	<i>Differential Equations</i> (Offered spring only)	3
◆ <i>PHYS 2110, 2120</i>	<i>Calculus-Based Physics I, II</i> ⁵	8
◆ SPCH 201	Basic Speech	<u>3</u>
	Second Year Total	38
	TOTAL HOURS	75

¹Students planning to transfer to UT Knoxville should take ESC 121 in fall semester of freshman year and ESC 131 in spring semester of freshman year instead of ESC 211 and 212.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

³The Fundamentals of Engineering Graphics course (ERG 161) includes application of computers for computer aided design and will satisfy the computer instruction requirements for this program.

⁴Students are advised to also take ◆MATH 2010 (Matrix Algebra); check with your advisor.

⁵Students planning to transfer to UT Knoxville should take ◆PHYS 2050 and ◆PHYS 2070.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Pre-Law*

Degree: Associate of Science

This curriculum guide is designed exclusively for students who plan to transfer to Middle Tennessee State University. If you plan to attend another university, please contact an advisor to plan a course of study.

This course of study is designed for students who plan to complete a bachelor's degree in Pre-Law and who also intend to apply for admission to law school. Law school admission requirements vary from institution to institution; however, all law schools require applicants to have earned either a B.S. or B.A. degree. All law school applicants must also take the LSAT (Law School Admission Test). Students should consult with their advisor, as well as with the college or university they plan to attend in completing their bachelor's degree.

First Year		Hours	
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
◆ HIST		History Sequence ¹	6
LAW	101	Intro to the Legal Profession	3
LAW	102	Survey of American Law	3
MATH		Math Elective ²	3
◆ PHED		Physical Education Elective	1
		Electives ¹	<u>6</u>
		First Year Total	32
Second Year			
◆ ENGL		Sophomore Literature Electives ¹	6
LAW		Law Electives ¹	6
◆ PHED		Physical Education Elective	1
POL	101	U.S. Government & Politics	3
POL	102	Intro to Political Science	3
◆ SPCH	201	Basic Speech	3
		Humanities Elective ¹	3
		Physical/Natural Science Sequence ¹	<u>8</u>
		Second Year Total	33
		TOTAL HOURS	65

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

²◆ MATH 1130 - College Algebra or a higher level math.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Curriculum Guides

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Pre-Medicine Pre-Dentistry

Degree: Associate of Science

This unified basic curriculum in pre-medicine and pre-dentistry is designed to prepare students for schools of medicine and dentistry such as the University of Tennessee or a similar institution, where admission requirements are two years of college experience. Medical college usually requires three or four years of college experience. Roane State students should consult the catalog of the university or professional school of choice and an advisor to determine specific requirements for admission.

First Year		Hours
◆ BIOL 1110, 1120	General Biology I, II	8
◆ CHEM 1110, 1120	General Chemistry I, II	8
CST/COLL	Computer Science Elective ¹	3
EDU 100	Orientation of College	1
◆ ENGL 1010, 1020	Composition I, II	6
◆ MATH 1910, 1920	Calculus I, II ²	10
◆ PHED	Physical Education Elective	<u>1</u>
	First Year Total	37
Second Year		
◆ CHEM 2210, 2220	Organic Chemistry I, II	8
◆ ENGL	Sophomore Literature Elective ¹	3
◆ HIST	History Sequence ¹	6
◆ PHED	Physical Education Elective	1
◆ PHYS 2110, 2120	Calculus-Based Physics I, II ³	8
◆ SPCH 201	Basic Speech	3
	Humanities Electives ¹	6
	Social Science Elective ¹	<u>3</u>
	Second Year Total	38
	TOTAL HOURS	75

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

²If mathematics background or ACT math score is not adequate, consult an advisor about taking ◆ MATH 1730 (Pre-Calculus).

³Consult an advisor about substituting ◆ PHYS 2010, 2020 for ◆ PHYS 2110, 2120. Also check with the senior institution about most recent requirements.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Pre-Nursing

Degree: Associate of Science

The pre-nursing curriculum is designed for students planning to complete bachelor's degrees at four-year institutions. Before entering this plan of study, students should become knowledgeable of specific pre-transfer requirements of other transfer institutions. Since many programs accept a limited number of applicants early in the school year for the next year's class, application should be made at the end of the freshman year at Roane State.

First Year		Hours
◆ CHEM 1010	Intro to Chemistry I ¹	4
◆ CHEM 1020	Intro to Chemistry II ¹	4
EDU 100	Orientation to College	1
◆ ENGL 1010, 1020	Composition I, II	6
HEC 131	Elementary Nutrition	2
◆ MATH 1130	College Algebra ^{2,3}	3
◆ MATH 1530	Prob. & Statistics (Non-Calculus Based)	3
PSY 110	General Psychology	3
PSY 220	Developmental Psychology	3
SOC 201	Intro to Sociology	<u>3</u>
	First Year Total	32
Second Year		
◆ BIOL 2230	Microbiology	3
◆ BIOL 2010, 2020	Anatomy & Physiology I, II	8
CST	Computer Science Elective ³	3
◆ ENGL	Sophomore Literature ³	3
◆ HIST	History Sequence ³	6
◆ PHED	Physical Education Electives	2
◆ SPCH 201	Basic Speech	3
	Humanities Electives ³	<u>6</u>
	Second Year Total	34
	TOTAL HOURS	64

¹Consult with an advisor for appropriate course selection. Some institutions require ◆CHEM 1110 and 1120.

²Students may take a higher level math course.

³For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Pre-Pharmacy

Degree: Associate of Science

This curriculum is designed for students who plan to apply for admission to pharmacy school. Admission requirements to colleges of pharmacy vary somewhat from institution to institution. Students should consult with their advisors as well as the college or university.

First Year		Hours
◆ BIOL 1110, 1120	General Biology I, II	8
◆ CHEM 1110, 1120	General Chemistry I, II	8
◆ COLL 1020	Computer Concepts & Appl. ¹	3
EDU 100	Orientation to College	1
◆ ENGL 1010, 1020	Composition I, II	6
◆ MATH 1530	Prob. & Statistics (Non-Calculus-Based) ²	3
◆ MATH 1910	Calculus I ³	5
◆ PHED	Physical Education Electives	<u>2</u>
First Year Total		36
Second Year		
◆ CHEM 2010, 2020	Organic Chemistry I, II	8
◆ ENGL	Sophomore Literature ⁴	3
◆ HIST	History Sequence ⁴	6
◆ PHYS 2110, 2120	Calculus-Based Physics I, II ⁵	8
◆ SPCH 201	Basic Speech	3
	Humanities Elective ⁴	6
	Social Science Elective ⁶	<u>3</u>
Second Year Total		37
TOTAL HOURS		73

¹Students may substitute other computer related courses with the approval of their academic advisor.

²Check with advisor and transfer institutions; some colleges require accounting.

³If mathematics background or ACT math score is not adequate, students must complete ◆ MATH 1730 (Pre-Calculus) prior to enrolling in ◆ MATH 1910.

⁴Students must check with transfer institution for appropriate course selection.

⁵Consult an advisor about substituting ◆ PHYS 2010, 2020 for ◆ PHYS 2110, 2120. Also check with the senior institution about most recent requirements.

⁶Psychology, sociology, economics, anthropology and political science are usually acceptable choices. Check with your advisor.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Pre-Veterinary

Degree: Associate of Science

This course of study covers the first two years of the pre-professional work for students who plan to study veterinary medicine. At least one year of additional college level study will be required to meet the minimum requirements for admission to veterinary medicine. It is strongly advised that pre-veterinary students plan their courses so that as well as fulfilling the veterinary medicine prerequisites, they are simultaneously fulfilling the requirements for a bachelor's degree. Most veterinary medicine colleges require students make a satisfactory score on the Veterinary College Admission Test (VCAT). **Additional courses may be necessary to enter veterinary programs. Consult your RSCC advisor and senior institution.**

First Year			Hours
◆ BIOL	1110, 1120	General Biology I, II ¹	8
◆ CHEM	1110, 1120	General Chemistry I, II	8
◆ COLL	1020	Computer Concepts & Appl. ²	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
◆ MATH	1910, 1920	Calculus I, II ^{3,5}	10
◆ PHED		Physical Education Elective	<u>1</u>
		First Year Total	37
Second Year			
◆ CHEM	2010, 2020	Organic Chemistry I, II	8
◆ ENGL		Sophomore Literature	3
◆ HIST		History Sequence ⁴	6
◆ PHED		Physical Education Elective	1
◆ PHYS	2110, 2120	Calculus-Based Physics I, II ⁵	8
◆ SPCH	201	Basic Speech	3
		Humanities Electives	6
		Social Science Elective	<u>3</u>
		Second Year Total	38
		TOTAL HOURS	75

¹Students with at least two years of high school biology or satisfactory ACT scores may, with permission from the Math/Science division, omit ◆ BIOL 1110, 1120 and enter ◆ BIOL 2130.

²Students may substitute other computer related courses with the approval of their academic advisor.

³If mathematics background or ACT math score is not adequate, consult an advisor about taking ◆ MATH 1730 (Pre-Calculus).

⁴Students must check with transfer institution for appropriate history sequence.

⁵Students must check with senior institution to verify substitution of ◆ MATH 1810, 1820.

Students pursuing this area of study will be advised by the Math/Sciences Division.

Curriculum Guides

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Secondary Education

Degree: Associate of Science

The secondary education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will generally meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in secondary education.

First Year			Hours
◆ ART	1030	Art Appreciation	3
EDU	100	Orientation to College	1
EDU	101	Intro to Teaching Profession	2
EDU	210	Child and Adolescent Development	3
EDU	211	Educational Psychology	3
◆ ENGL	1010, 1020	Composition I, II	6
HEA	221	Safety & First Aid	3
◆ PHED		Physical Education Elective	1
		Elective ¹	3
		Physical/Natural Science Sequence ²	8
		First Year Total	33
Second Year			
◆ ART	142	Computer Art or	
◆ COLL	1020	Computer Concepts & Appl.	3
◆ ENGL		Sophomore Literature ²	6
◆ HIST		History Sequence ²	6
MATH		Mathematics Elective ²	3
◆ PHED		Physical Education Elective	1
◆ SPCH	201	Basic Speech	3
		Electives ²	9
		Social Science Elective ²	3
		Second Year Total	34
		TOTAL HOURS	67

¹Electives should be taken in areas of certification.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Students planning to transfer to UTK will major in the area they plan to teach (English, History, Foreign Language, etc.) and minor in Education when they enroll at UTK.

Curriculum Guides

Curriculum Guides are suggested courses of study which may include more or less than the RSCC degree requirements. They are not intended to represent requirements for any particular college or university. Students should consult articulation agreements, the catalog of the school to which they intend to transfer, and their advisor for specific degree requirements. Actual RSCC degree requirements appear on page 88.

Social Science

Degree: Associate of Arts Or
Associate of Science

The social science curriculum is designed to assist students planning to complete the bachelor's degree at a four-year institution in any one of the following: geography, history, political science, psychology, and sociology. In order to meet lower division requirements for transfer to any one of the state's major universities, students should select social science courses from their choice of emphasis and related social science disciplines. Students should also follow the advice of their faculty advisor and become acquainted with any pre-transfer requirements the senior institution may require.

First Year		Hours	
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
◆ HIST		History Sequence ¹	6
◆ MATH	1130	College Algebra	3
◆ MATH	1530	Prob. & Statistics (Non-Calculus Based)	3
◆ PHED		Physical Education Electives	2
		Social Science Electives ²	<u>9</u>
		First Year Total	33
Second Year			
◆ ENGL		Sophomore Literature ¹	6
◆ SPCH	201	Basic Speech	3
		Humanities Electives ³	6
		Physical/Natural Science Sequence	8
		Social Science Electives ⁴	<u>12</u>
		Second Year Total	35
		TOTAL HOURS	68

¹Students planning on entering UTK's College of Arts and Sciences, College of Communication, or College of Architecture should be aware that ◆ HIST 1010 and 1020 or ◆ HIST 1210 and 1220 are required.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

³An Associate of Arts (AA) degree requires 6 hours of the same foreign language. Students pursuing an Associate of Science (AS) degree should take humanities courses recommended by the senior institution.

⁴At least 12 hours of social science should be taken at the 200 level.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Curriculum Guides

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Special Education

Degree: Associate of Science

The special education curriculum is designed for students who wish to complete the first two years of a program toward teacher certification. This curriculum will generally meet the lower division requirements for transfer to a senior institution granting the bachelor's degree in special education.

First Year			Hours
EDU	100	Orientation to College	1
EDU	101	Intro to Teaching Profession	2
EDU	111	Intro to Edu Except Child	2
EDU	210	Child and Adolescent Development	3
EDU	211	Educational Psychology	3
EDU	231	Field Experiences I	2
◆ ENGL	1010, 1020	Composition I, II	6
◆ MUS	1030	Music Appreciation	3
◆ PHED		Physical Education Electives	2
		Physical/Natural Science Sequence ¹	8
		Social Science Elective ¹	<u>3</u>
		First Year Total	35
Second Year			
◆ ART	142	Computer Art or	
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	232	Field Experiences II	2
◆ ENGL		Sophomore Literature ¹	6
HEA	221	Safety & First Aid	3
◆ HIST		History Sequence ¹	6
MATH		Mathematics Electives ¹	6
PSY	110	General Psychology	3
◆ SPCH	201	Basic Speech	3
		Social Science Elective ¹	<u>3</u>
		Second Year Total	35
		TOTAL HOURS	70

¹For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Curriculum Guides

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Wildlife and Fisheries

Degree: Associate of Science

The wildlife and fisheries curriculum is designed for students planning to complete a bachelor's degree at a university after receiving an associate's degree from Roane State. This program will generally meet university transfer requirements. Because of varying requirements at universities, students should meet with an advisor to determine specific requirements of the transfer university before starting this program.

First Year			Hours
◆ BIOL	1110, 1120	General Biology I, II	8
◆ CHEM	1110, 1120	General Chemistry I, II	8
◆ EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
◆ MATH	1530	Prob. & Statistics (Non-Calculus Based)	3
◆ MATH	1910	Calculus I ¹	5
◆ PHED		Physical Education Electives	<u>2</u>
First Year Total			33
Second Year			Hours
◆ BIOL	2120	Cell Biology	4
◆ BIOL	2530	General Ecology	4
◆ CST		Computer Science Elective ²	3
◆ ENGL		Sophomore Literature ²	3
◆ HIST		History Sequence ²	6
◆ SPCH	201	Basic Speech	3
		Elective ²	3
		Humanities Elective ²	3
		Social Science Elective ²	<u>3</u>
Second Year Total			35
TOTAL HOURS			68

¹If mathematics background or ACT math score is not adequate, students must complete ◆MATH 1730 (Pre-Calculus) prior to enrolling in ◆MATH 1910.

²For specific course recommendations, students should consult the catalog of the senior institution they plan to attend.

Students pursuing this area of study will be advised by the Math/Sciences Division.

REGENTS ONLINE DEGREE PROGRAMS

The Tennessee Board of Regents (TBR) colleges and universities have joined together in offering Regents Online Degree Programs (RODP). Courses completed in the Regents Online Degree Programs are entirely online and are completely transferable among all the participating TBR institutions. Students are able to choose the college or university that will award their degree. All thirteen TBR two-year colleges deliver and award associate degrees, while all six TBR universities deliver and award bachelor degrees. A career/technical program leading to the associate of applied science degree in Professional Studies with a concentration in Information Technology is available.

Other colleges and universities participating in RODP are: Austin Peay State University, East Tennessee State University, Middle Tennessee State University, Tennessee State University, Tennessee Technological University, The University of Memphis, Chattanooga State Technical Community College, Cleveland State Community College, Columbia State Community College, Dyersburg State Community College, Jackson State Community College, Motlow State Community College, Nashville State Technical Institute, Northeast State Technical Community College, Pellissippi State Technical Community College, Southwest Tennessee Community College, Volunteer State Community College, and Walters State Community College.

Associate Degrees offered at TBR Community Colleges

Associate of Arts (A.A.)

General Studies*

Associate of Science (A.S.)

General Studies*

Associate of Applied Science (A.A.S.)

Professional Studies: Information Technology*

*Associate degree course work was designed to transfer to TBR universities. If you plan to transfer to any other university, contact an advisor at the institution for transfer advisement.

Bachelor Degrees offered at TBR Senior Institutions

Bachelor of Professional Studies

Information Technology

Organizational Leadership

Bachelor of Interdisciplinary Studies

(General Studies/Liberal Studies/University Studies)

Students who pursue online programs should be highly motivated, independent, active learners who have good organizational and time management skills. Students should also have the discipline to study without external reminders and be able to adapt to new learning environments. Visit <http://www.tn.regentsdegrees.org> or call 1-866-462-7722 for more information.

A.A.S. PROFESSIONAL STUDIES: INFORMATION TECHNOLOGY*

Visit <http://www.tn.regentsdegrees.org> for the specific course list for this degree.

On-line Orientation	2	hours
English Composition	3	hours
Humanities	3	hours
Science or Math	3-4	hours
Mathematics	3	hours
Social Sciences	3	hours
Oral Communications	3	hours
Technical Concentration	27	hours
Technical Electives	9	hours
Electives	3-4	hours
TOTAL	60	hours

A.A. GENERAL STUDIES*

Visit <http://www.tn.regentsdegrees.org> for the specific course list for this degree.

English Composition I and II	6	hours
College Algebra	3	hours
Biology I and II	8	hours
American History I and II	6	hours
Humanities	9	hours
Social/Behavioral Science	6	hours
Spanish I and II	6	hours
Physical Education Activities	2	hours
On-line Orientation	2	hours
Intro to Microcomputers	3	hours
Oral Communications	3	hours
Electives	6	hours
TOTAL	60	hours

*Associate degree course work was designed to transfer to TBR universities. If you plan to transfer to any other university, contact an advisor at the institution for transfer credit advisement.

A.S. GENERAL STUDIES*

Visit <http://www.tn.regentsdegrees.org> for the specific course list for this degree.

English Composition I and II	6	hours
College Algebra	3	hours
Biology I and II	8	hours
American History I and II	6	hours
Humanities	9	hours
Social/Behavioral Science	6	hours
Physical Education Activities	2	hours
On-line Orientation	2	hours
Intro to Microcomputers	3	hours
Oral Communications	3	hours
Electives	12	hours
TOTAL	60	hours

*Associate degree course work was designed to transfer to TBR universities. If you plan to transfer to any other university, contact an advisor at the institution for transfer credit advisement.

REGENTS ONLINE DEGREE COURSE DESCRIPTIONS

ACC 1104—Principles of Accounting I 3 Credits

This is the first course in a two-course sequence covering the basic principles of accounting. This course is fully transferable. In this course, the basic principles of analyzing transactions, recording them in a general journal, posting them to the general ledger, and preparing the basic financial statements.

ART 1030—Art Appreciation 3 Credits

The over-all purpose of this course is to provide the student with a basic understanding of the visual arts. The first half of the course deals with the nature of art, the evaluation of art, the processes and materials of art. We examine the formal elements of design and look at a wide variety of both two and three dimensional art to learn about the processes and tools involved in its creation. The second half of the semester is spent in a (more or less) chronological study of world art in its cultural setting from the prehistoric to the contemporary. The course is divided into 12 segments, presented as Lessons 1-12. Each lesson represents the equivalent of 4 hours of class time. The student is expected to spend a minimum of 4 additional hours to complete the assignments for each unit. Each unit must be completed before the student may advance to the next level.

BIOL 1010—Biology I and Lab 4 Credits

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.

BIOL 1020—Biology II and Lab 4 Credits

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 (tissue, 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.

BIT 1150—Introduction to Microcomputers 3 Credits

This course is an introduction to Windows based microcomputers. In this class students will learn general concepts of using the microcomputer, the use of the Windows operating system, the use of the Internet, and basic word processing concepts using Microsoft Word.

CIS 113—Programming in Visual Basic 3 Credits

An introduction to Microsoft Visual Basic. Topics to be covered include: event driven programming, interface design, creating menus and dialog boxes, writing event and general procedures, and using operating system services.

CIS 186—Database Programming 3 Credits

This course is designed to enable students to develop customized database applications. Subsequent to a brief survey of relational database techniques and methods, the emphasis will be on developing the necessary skills to design, create, and implement user-friendly front ends for relational databases. Using a database engine such as Microsoft Access 2000, the course will concentrate on developing and coding procedures using VBA (Visual Basic for Application). (Prerequisites: CIS 113 Visual Basic Programming or the equivalent)

CIS 263—Web Page Development and Design 3 Credits

This course will cover the fundamental concepts of the Internet and World Wide Web, including how the Internet works, protocols and services, addressing and routing in the Internet. Students will design and create web pages using web page editing/publishing software and create and edit graphic images for web pages using image editing software. Use of simple Java applets will be covered and some basic Javascript scripts will be written for web pages.

CIS 1610—Programming in C++ 3 Credits

An introduction to computer science software concepts using C++. Algorithms, problem solving methods, systems development and implementation methodologies are addressed. Standard programming constructs such as simple data types, assignment statements, use of subprograms, loops, conditional statements, arrays, records, classes, abstract data types, and object oriented programming concepts are emphasized. In addition, a limited number of advanced concepts such as pointers, recursion, and C# are discussed. The student will write short segments of C++ code that demonstrates command and understanding of the above concepts.

CMT 1010—Networking and PC Communications 3 Credits

This course introduces the basic concepts of PC communications, telecommunications and networking. It provides an overview of terminology & technologies used with local area networks (LANs) and wide area networks (WANS). In addition, it details processes, protocols, network design and a broad overview of the Internet.

COL 101—The College Experience: Online 2 Credits

In this course, students will study the best practices for success in college and learning online by using technology smartly, succeeding in workplace situations skillfully, using interpersonal communications respectfully, and developing self management practices expertly.

CST 209—Java Programming I 3 Credits

This course will cover the fundamental concepts of Object Oriented programming using Java. Topics will include objects, classes, constructors, methods, instance variables. User designed classes are implemented. Arrays and Array Processing are emphasized. Graphical User Interfaces are developed using Java. Applets are explained and implemented. (Prerequisites and Corequisites: Because this is an online course in computer programming, it is important for the student to: Have completed a basic computer literacy courses (e.g., CIS 100, BIT 1150) or receive permission of instructor.)

ENGL 1010—English Composition I 3 Credits

This is a course in expository writing, including the development and revision of paragraphs and essays using various rhetorical strategies; reading and discussion of selected essays, short stories, and poems; introduction to writing about literature; and introduction to incorporation and documentation of material from primary sources.

ENGL 1020—English Composition II 3 Credits

A composition course in argumentative writing, including invention, organization, style, and revision. Critical reading and thinking will be addressed through students' writing. Research skills and documentation will be introduced. (Prerequisite: ENGL 1010)

ENGL 2110—American Literature: Colonial Period - Civil War 3 Credits

Survey of American literature from the time of English colonization through the Civil War. Examines the works of significant writers of fiction, poetry, and non-fiction taking into account the events in history that influenced them. (Prerequisites: Students must complete ENGL 1010 and 1020 before enrolling in ENGL 2110.)

ENGL 2410—World Literature I 3 Credits

A survey of selected masterpieces of Western World literature: Ancient Medieval, Renaissance. (Prerequisites: Students must complete English 1010 and 1020 before enrolling in ENGL 2410.)

HIST 2010—American History I (US) 3 Credits

This course is an examination of the social, political, economic, and intellectual history of the United States from the colonial period to 1877. Each student's success in attaining course objectives will determine her/his grade. Critical essays either in exams or written assignments will measure the students progress toward these objectives. Students also must participate in group discussions.

HIST 2020—American History II (US) 3 Credits

This course is a continuation of HIST 2010-American History I covering American civilization from the end of Reconstruction to the recent past. The course seeks to give students a perspective on the position of the United States among the nations of the world and on the controversies and agreements among Americans concerning the desired attributes of their culture, government and ideals. The course will focus on central themes and issues in the development of American society and institutions. It will raise questions about human values, economic growth, institutional change, cultural development, political democracy, and the place of the United States in the world.

HMSE—Concepts of Fitness and Wellness 2 Credits

Stressing individual responsibility for achieving optimal well-being, this course emphasizes preventive health practices which promote healthful lifestyles and reduce risk factors associated with disease.

INTC 1050—Computer Graphics 3 Credits

A course designed to introduce the concepts of computer graphics creation. The course will use the software Adobe Photoshop 6.0 and Adobe Illustrator 9.0. This course is designed to teach computer graphics creation to students with no prior graphics background. (Prerequisite: Introduction to Computers or equivalent.)

MATH 1130—College Algebra 3 Credits

A course designed primarily for students majoring in non-science degrees. Topics include functions and graphs, linear and quadratic equations, inequalities, polynomial, rational expressions, exponents, radicals, systems of equations and exponential and logarithmic functions.

MATH 1530—Probability and Statistics 3 Credits

An introduction to elementary methods and techniques. Topics include sampling, frequency distributions, elementary probability, discrete and continuous probability distributions, interval estimation, hypothesis testing, and simple correlation. Intended primarily for business majors.

MUS 1030—Music Appreciation 3 Credits

An introduction to the basic elements of music combined with a survey of Western art music.

PSY 101—General Psychology I 3 Credits

This course is an introduction to psychology. It is designed to provide an overview of the field of psychology and human behavior. Topics include: philosophical perspectives, history, biology, learning, personality, behavioral biology, development, motivation, emotion, abnormal behavior, theories, and therapies.

SOC 1010—General Sociology 3 Credits

The purpose of this course is to introduce theoretical approaches of sociology. This course will emphasize the subject areas of culture, gender, socialization, race and ethnicity, groups and organizations, economics and politics, social interaction, family and religion, deviance, education and medicine, global and social stratification, population and urbanization, sex, environmental concerns. We will also discuss theories and methods of sociological research.

SPAN 1010—Beginning Spanish I 3 Credits

This is a beginning level course covering elementary grammar, pronunciation, and conversation. Material is presented through the use of videotape and online presentations, exercises, practice quizzes, and exams. Students demonstrate pronunciation and conversational skills by preparing an audiotape documenting their progress through the course. The course includes audio and video components that allow the student to hear vocabulary and pronunciation and exams include both written questions as well as listening/audio questions requiring the student to translate spoken statements.

SPAN 1020—Beginning Spanish II 3 Credits

Spanish II will cover from Chapter 6 to Chapter 10 located in Spanish 102, *Puntos de partida*. The student will be responsible for understanding, remembering, and using the grammar, vocabulary, and cultural readings taught in all chapters. (Prerequisite: Spanish I and student should be able to use a computer and browse the Internet.)

SP 110—Fundamentals of Public Speaking 3 Credits

An introductory public speaking course stressing the organization and presentation of the extemporaneous speech in a variety of settings. The goal of this course is to incorporate the typical speaking assignment into situations students might face in their personal and professional lives. (Prerequisite: ENGL 1010.)

WEB 2811—Advanced Computer Graphics 3 Credits

This course is designed to enhance the computer skills of those using graphics programs to prepare images for web or print delivery. Students will use Photoshop for graphics manipulation and ImageReady for animation. (Prerequisite/Corequisites: A practical knowledge of how the internet operates, HTML code, graphic formats, web site building, web pages design, and an introductory knowledge of a computer graphics program is required. These pre- and corequisites may be obtained through these courses:

- INTC 1050—Computer Graphics (RODP)
 - OST 2801—HTML Coding (PSTCC)
 - OST 2802—Web Graphics (PSTCC)
 - OST 2803—Web Site Design (PSTCC)
 - CSIT 2470—Internet and New Hardware/Software Products (PSTCC)
 - COMN 1000—Beginning HTML (NSTI)
 - COMN 1010—Basic Web Design (NSTI)
 - COMN 1020—Basic Web Graphics (NSTI)
- or equivalent knowledge and training.)

ASSOCIATE OF APPLIED SCIENCE MINIMUM DEGREE REQUIREMENTS

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
Oral Communications	1 course
Written Communications	1 course
Mathematics	1 course
Humanities/Fine Arts*	1 course
Social or Behavioral Science**	1 course
Natural Science (or additional Math)	1 course
Computer Instruction	1 course
Orientation to College***	1 course

CORE TOTAL (varies)

TECHNICAL SPECIALTY 32 hours minimum

TOTAL DEGREE 60 hours minimum

*The following courses taught in the Humanities & Education Division will fulfill humanities elective requirements: art, music journalism, literature, foreign language, philosophy, or theatre.

**Two courses are recommended.

***Except for selected Health Science programs.

CAREER PREPARATION ASSOCIATE OF APPLIED SCIENCE DEGREE

The Associate of Applied Science programs listed on the following pages 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.

A.A.S. BUSINESS MANAGEMENT TECHNOLOGY

The two-year programs in Business Management Technology are designed to prepare the interested student to become a specialist in many phases of the business field. Upon graduation, the student may seek employment in accounting; computer science; and general business fields. The program also facilitates the process for many students to move into management and supervisory positions. Business Management Technology programs are not designed for transfer to senior institutions.

ACCOUNTING OPTION

First Year			Hours
BUS	101	Introduction to Business	3
BUS	111	Business Math	3
BUS	221, 222	Principles of Accounting I, II	6
BUS	255	Micro Accounting Appl I	3
BUS	273	Principles of Marketing	3
BUS	281	Management & Supervision	3
CST	135	Spreadsheets	3
◆ ENGL	1010	Composition I	3
◆ SPCH	201	Basic Speech or	
◆ SPCH	221	Business and Professional Speaking	<u>3</u>
First Year Total			30
Second Year			
BUS	224	Cost Accounting	3
BUS	225	Federal Income Tax - Personal	3
BUS	226	Federal Income Tax - Business	3
BUS	227	Fund Accounting	3
BUS	233	Intermediate Accounting	4
BUS	251	Legal Environment for Business	3
BUS	257	Micro Accounting Appl II	2
ECO	201	Economics I	3
◆ MATH	1530	Prob. & Statistics (Non-Calculus Based)	3
		Humanities Elective	<u>3</u>
Second Year Total			30
TOTAL HOURS			60

Students pursuing any of the Business Management Technology programs will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

BUSINESS ADMINISTRATION OPTION

First Year			Hours
BUS	101	Introduction to Business	3
BUS	111	Business Math	3
BUS	112	Personal Finance	3
BUS	261	Psych Aspects of Management	3
BUS	271	Sales	3
BUS	273	Principles of Marketing	3
◆ COLL	1020	Computer Concepts & Appl.	3
◆ ENGL	1010	Composition I	3
◆ MATH	1530	Probability & Statistics (Non-Calculus Based)	3
◆ SPCH	201	Basic Speech or	
◆ SPCH	221	Business and Professional Speaking	<u>3</u>
First Year Total			30
Second Year			
BUS	221, 222	Principles of Accounting I, II	6
BUS	236	Negotiations/Conflict Resolution	3
BUS	251	Legal Environment for Business	3
BUS	278	Entrepreneurship	3
BUS	281	Management and Supervision	3
CST	103	Computer Presentations or	
CST	135	Spreadsheets	3
ECO	201	Economics I	3
		Directed Elective*	3
		Humanities Elective	<u>3</u>
Second Year Total			30
TOTAL HOURS			60

*Directed Electives: BUS, CST, ECO 202, or Co-Op

Students pursuing any of the Business Management Technology programs will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

BUSINESS MANAGEMENT OPTION

First Year			Hours
BUS	101	Introduction to Business	3
BUS	111	Business Math	3
BUS	112	Personal Finance	3
BUS	261	Psych Aspects of Management	3
BUS	273	Principles of Marketing	3
BUS	281	Management and Supervision	3
COLL	1020	Computer Concepts & Applications	3
◆ ENGL	1010	Composition I	3
◆ MATH	1530	Probability & Statistics or	
◆ MATH	1810	Calculus for Business and Life Sciences I	3
◆ SPCH	201	Basic Speech or	
◆ SPCH	221	Business and Professional Speaking	3
		First Year Total	30
Second Year			
BUS	215	Business Ethics	3
BUS	221, 222	Principles of Accounting I, II	6
BUS	236	Negotiations/Conflict Resolution	3
BUS	251	Legal Environment for Business	3
BUS	284	Management Seminar	3
CST	103	Computer Presentations or	
CST	135	Spreadsheets	3
ECO	201	Economics I	3
		Directed Elective*	3
		Humanities Elective	3
		Second Year Total	30
		TOTAL HOURS	60

*Directed Elective: BUS, CST, ECO 202, or Co-Op.

Students pursuing any of the Business Management Technology programs will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

COMPUTER SCIENCE OPTION

First Year			Hours
BUS	101	Intro to Business	3
BUS	111	Business Math	3
BUS	221	Accounting I	3
COLL	1020	Computer Concepts & Applications	3
CST	103	Computer Presentations	3
CST	105	Database Management Systems I	3
CST	109	Principles of Programming	3
ENGL	1010	Composition I	3
MATH	1530	Probability & Statistics	3
SPCH	201	Basic Speech	<u>3</u>
First Year Total			30
Second Year			
BUS	281	Management & Supervision	3
CST	212	Visual Basic I	3
CST	214	PC Repair and Software Setup	3
CST	215	Operating Systems	3
CST	272	Basic Networking	3
CST		Directed Electives from Track	9
		Humanities/Fine Arts Elective	3
		Social/Behavioral Science Elective	<u>3</u>
Second Year Total			30
TOTAL HOURS			60

Directed Electives

<u>Database Management Track</u>				<u>Programming Track</u>			
CST	204	Database Management II	3	CST	203	Data Structures	3
CST	208	Database Management III	3	CST	209	JAVA I	3
CST	226	Advanced Visual Basic	3	CST	218	JAVA II or	
				CST		Programming Elective*	<u>3</u>
TOTAL Database Management Track			9	TOTAL Networking Track			9
<u>Networking Track</u>							
CST	209	Java I	3				
CST	273	Advanced Networking	3				
CST	275	Unix/Linux	<u>3</u>				
TOTAL Programming Track			9				

*Choose from any of the following: CST 221-229 seminar, CST 230, CST 231, or from the following RODP classes: CIS 263-Web Page Design and Development or CIS 264-Web Page Applications. For more information, please contact your computer science advisor.

Students pursuing any of the Business Management Technology programs will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

OFFICE ADMINISTRATION TECHNOLOGY OPTION

			Hours
First Year			
BUS	101	Intro to Business	3
BUS	111	Business Math	3
COLL	1020	Computer Concepts & Applications	3
CST	103	Computer Presentations	3
CST	135	Spreadsheets	3
ENGL	1010	Composition I	3
OAD	101	Keyboarding and Formatting	3
OAD	102	Document Processing	3
OAD	105	Business Communications	3
		Social Science Elective	<u>3</u>
		First Year Total	30
Second Year			
BUS	221	Accounting I	3
BUS	281	Management & Supervision	3
CST	161	Intro to Internet and Web Design	3
OAD	201	Administrative Office Management	3
OAD	204	Information and Document Control	3
OAD	205	Integrated Applications	3
OAD	250	Work Experience	3
SPCH	221	Business and Professional Speaking	3
		Humanities Elective	3
		Natural Science/Math Elective	<u>3</u>
		Second Year Total	30
		TOTAL HOURS	60

See page 171 for the requirements for the technical certificate in Office Information Technology.

See "Admissions Procedures" on page 38 for information on semester credits awarded for passing the Certified Professional Secretaries (CPS) examination.

Students pursuing this option will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

A.A.S. CONTEMPORARY MANAGEMENT

This unique program is designed for working adults to provide the academic credentials and advanced skills for upward mobility in area businesses. This accelerated degree program combines reduced in-class instruction with outside study/research. Courses are typically offered one evening per week for five weeks plus an additional eight hours of class time. This program design allows working professionals to complete the degree in a shorter period of time.

Another important feature of the program is that an individual can receive credit for previous education and work experience through a portfolio process. Faculty assessors will review each participant's background and grant credit for prior college level learning whether in the classroom or on the job. Because of this format of the courses, a very high level of maturity and dedication will be required of students who are admitted. To aid both the applicant and the faculty in assessing this level, certain requirements must be met. The applicant must (1) have a minimum of two-years of work experience, (2) present at least two letters of recommendation which address the applicant's likelihood of success, and (3) discuss his/her interest in taking these courses with faculty advisors.

Fall Semester			
Five-Week Session I			
◆ ENGL	1010	Composition I	3 Hours
MGT	200	Business and Its Environment	4 Hours
Session 2			
MGT	201	Management Concepts	4 Hours
Session 3			
MGT	203	Human Resource Management	4 Hours
TOTAL First Semester			15 Hours
Spring Semester			
Five-Week Session I			
◆ MATH	1130	College Algebra or higher level Math	3 Hours
MGT	205	Marketing in the New Millennium	4 Hours
Session 2			
MGT	206	Org Aspects of Supply & Demand	4 Hours
Session 3			
MGT	207	Managerial Accounting/Finance	4 Hours
		Natural Science Elective	3 Hours
TOTAL Second Semester			18 Hours
Summer Semester			
Five-Week Session			
CST		Computer Science Elective	3 Hours
		Social Science Elective	3 Hours
Session 2			
		Humanities Elective	3 Hours
◆ SPCH		Speech Elective	3 Hours
TOTAL Third Semester			12 Hours
Prior Learning Credit, Cooperative Education and/or guided electives*			15 Hours
TOTAL Semester Hours			60 Hours

*NOTE: These courses can be counted as elective hours: MGT 208: Training & Development; MGT 209: Interpersonal Communication; MGT 210: Business and Its Legal Environment; MGT 225: Resolving Conflict/Negotiation.

Students pursuing this area of study will be advised by the Business and Technology Division.

A.A.S. CRIMINAL JUSTICE

The two-year Criminal Justice program is designed for students interested in career opportunities in corrections. This option is designed to meet the needs in society for personnel capable of entry and advancement in the law enforcement field. The two-year curriculum emphasizes an academic approach to law enforcement rather than a training approach.

First Year			Hours
◆ COLL	1020	Computer Concepts & Appl.	3
CRJT	101	Intro to Criminal Justice	3
CRJT	111	Criminal Procedures	3
CRJT	112	Court Procedures	3
CRJT	213	Criminal Investigation	3
EDU	100	Orientation	1
◆ ENGL	1010	Composition	3
◆ PHED		Physical Education Elective	1
POL	101	U.S. Government & Politics	3
POL	102	Intro to Political Science	3
PSY	110	General Psychology	3
SOC	201	Intro to Sociology	<u>3</u>
First Year Total			32
Second Year			
CRJT	105	Intro to Corrections	3
CRJT	110	Juvenile Delinquency	3
CRJT	201	Police Administration & Organization	3
CRJT	221	Criminal Law	3
CRJT	231	Seminar in Police Problems	3
◆ MATH	1130	College Algebra	3
◆ PHED		Physical Education Elective	1
◆ SPCH	201	Basic Speech	3
		Humanities Elective	3
		Natural Science/Math Elective	3
		Social Science Electives	<u>6</u>
Second Year Total			34
TOTAL HOURS			66

¹Students may substitute other computer related courses with the approval of their academic advisor.

Students pursuing this option will be advised by the Social and Behavioral Sciences Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

Acquiring Credit for Criminal Justice

Currently enrolled criminal justice students may petition for the granting of academic 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. Individual portfolios for training received at any one of the state's three, eight-week, basic recruit facilities, or the twenty-four week Knoxville basic recruit academy are not necessary since all the training is uniform. Additional academic credit may be awarded for in-service training at specialized schools; contingent upon how the training curriculum corresponds to the competency based curriculum objectives for individual police science courses.

Academic experiential credit will be awarded and will not exceed 18 semester hours. A copy of the training certificate should be sent to the Criminal Justice department. The Records and Registration Office will assign course credit. A grade of "P" will be assigned to experiential credit. Experiential credit cannot be granted until the student is enrolled (full- or part-time) for classes at Roane State.

Students who complete the Knoxville Police Department's recruit training program will receive the following experiential course credit.

			Hours
CRJT	101	Intro to Law Enforcement	3
CRJT	111	Criminal Procedures	3
CRJT	112	Court Procedures	3
CRJT	201	Police Admin and Org	3
CRJT	213	Criminal Investigation	3
◆ PHED		Physical Education Electives	<u>2</u>
			17

Students who complete one of the state's three, eight-week, basic recruit training programs will receive the following experiential course credit.

CRJT	101	Intro to Law Enforcement	3
CRJT	111	Criminal Procedures	3
◆ PHED	1310	Marksmanship and Firearm Safety	<u>1</u>
			7

A.A.S. EARLY CHILDHOOD EDUCATION

Roane State has developed the following courses to support the Head Start Reauthorization Act degree requirements for Head Start teachers/staff.

First Year		Hours
ECED 1010	Intro to Early Childhood Education	2
ECED 2010	Safe, Healthy, Learning Environment	3
ECED 2015	Early Childhood Curriculum	3
ECED 2020	Infant, Toddler Child Development	3
ECED 2130	Clinical Practicum I	2
◆ ENGL 1010	Comp I	3
MATH	Elective	3
◆ SPCH 201	Basic Speech	3
	Elective	3
	Physical/Natural Science Elective	<u>4</u>
	First Year Total	29
Second Year		
ECED 2040	Family Dynamics & Community Involvement	3
ECED 2060	Development of Exceptional Children	3
ECED 2070	Developmental Assessment	3
ECED 2080	Language & Literacy in Early Childhood	3
ECED 2085	Math & Science in Early Childhood	3
ECED 2140	Clinical Practicum II	2
ECED 2150	Clinical Practicum III	2
ECED	Elective	3
	Elective	3
	Humanities Elective	3
	Social/Behavioral Science Elective	<u>3</u>
	Second Year Total	31
	TOTAL HOURS	60

Students pursuing this area of study will be advised by the Social and Behavioral Sciences Division.

Students who intend to transfer to a baccalaureate degree program should seek advisement concerning transfer requirements.

A.A.S. ENVIRONMENTAL HEALTH TECHNOLOGY

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.

An articulation agreement between Roane State and East Tennessee State University (ETSU) exists for those who complete this degree program at Roane State and wish to pursue the baccalaureate degree at ETSU. See your Roane State advisor for curriculum information.

First Year		Hours
◆ CHEM 1110, 1120	General Chemistry I, II	8
◆ COLL 1020	Computer Concepts & Appl.	3
EDU 100	Orientation to College	1
EHT 120	Waste Management & Poll Prev	3
EHT 130	Industrial Hygiene & Safety I	3
◆ ENGL 1010	Composition I	3
GGY 211	Environmental Science	3
◆ MATH 1130	College Algebra	3
◆ SPCH	Speech Elective	3
	Humanities Elective	<u>3</u>
	First Year Total	33
Second Year		
◆ BIOL 1110	General Biology I	4
◆ BIOL 1120	General Biology II or	
◆ BIOL 2530	General Ecology	4
EHT 111, 222	Environmental Instrumentation I, II	6
EHT 201	Environmental Law	3
EHT 211	Safety and Emergency Response	3
EHT 215	Appl Rad Control Tech	3
EHT 230	Industrial Hygiene & Safety II	3
EHT 242	Internship*	4
◆ GEOL 1040	Physical Geology	4
GIT 101	Intro to Geographic Information Systems	3
◆ MATH 1530	Statistical Reasoning	<u>3</u>
	Second Year Total	36-40
	TOTAL HOURS	69-73

*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 and Behavioral Sciences Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program with the exception of students transferring on the ETSU articulation agreement.

A.A.S. GENERAL TECHNOLOGY

The AAS General Technology degree program is designed to assist business and industry in meeting their employment needs for highly-skilled technicians, as well as providing general education courses. The 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. Students may submit a portfolio of employment experience or record of completion of employer-sponsored training programs for evaluation for up to 18 hours of experiential credit to be applied to technical elective credit. Technical elective credit may be granted for credit earned in RSCC Technical Certificate Programs. Students must seek advisement from faculty within their area of technical skill in order to choose appropriate technical electives.

◆ COLL 1020	Computer Concepts & Appl. ¹	3
◆ EDU 100	Orientation to College	1
◆ ENGL 1010	Composition I	3
◆ MATH 1130	College Algebra or	
◆ MATH 1530	Probability & Statistics	3
◆ SPCH	Speech Elective ²	3
	Humanities Elective	3
	Social Science Elective	3
	Natural Science/Math Elective ³	3-4
	Electives ⁴	<u>38</u>
	TOTAL SEMESTER HOURS	60-61

¹Students may substitute other computer related courses with the approval of their advisor.

²SPCH 201 is recommended.

³See page 49 of the current catalog for Natural Science electives.

⁴Students should contact their academic advisors for appropriate electives. Suggested electives include

◆ ENGL 2311, HEA 242, foreign language, and EMT 109.

Students pursuing this area of study will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

A.A.S. GEOGRAPHIC INFORMATION SYSTEMS

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.

First Year			Hours
◆ COLL	1020	Computer Concepts & Appl.	3
	CST 109	Intro to Programming	3
	EDU 100	Orientation to College	1
◆ ENGL	1010	Composition I	3
	ERG 161	Engineering Graphics	3
	GIS 101	Introduction to GIS	3
	GIS 105	Cartography	3
	GIS 110	Geographic Database Technology	3
◆ MATH	1130	College Algebra	3
◆ MATH	1530	Probability & Statistics (Non-Calculus Based)	3
◆ SPCH	201	Basic Speech	<u>3</u>
First Year Total			31
Second Year			
	CST 105	Database Management	3
	CST 212	Visual Basic	3
◆ ENGL	2311	Technical Writing	3
◆ GEOL	1040	Physical Geology	4
	GIS 210	Global Positioning Tech	3
	GIS 220	Demographic Applications	3
	GIS 230	Utility/Local Gov Appl	3
	GIS 290	Directed Research Project	3
	GGY 201	World Geography	3
		Humanities Elective	<u>3</u>
Second Year Total			31
TOTAL HOURS			62

Students pursuing this area of study will be advised by the Business and Technology Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program.

HEALTH SCIENCE A.A.S. PROGRAMS

Admission to the Programs

Due to limited enrollment, there are special admission policies for Health Science programs. The following policies are for: Dental Hygiene Technology, Health Information Technology, Occupational Therapy Assistant, Opticianry, Physical Therapist Assistant, Radiologic Technology, and Respiratory Therapy Technology.

1. 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 8 semester hours of general education courses required in the program.
 - b. Students 21 years of age or older must attain a GPA of 2.50 or better after completion of at least 8 semester hours of general education courses required in the program.
 - c. Some programs have required prerequisites in addition to the 8 hours of general education. Please see individual program requirements.
2. The applicant must complete a Health Science application and submit it to the Center for New Student Admission.
3. Final selection of students will be made by the Health Sciences Admissions Committee.
4. Some programs have work experience requirements, or give special consideration to applicants with work experience. Contact the program director for details.
5. Admission to the program is required prior to enrolling in most health science program courses.
6. All developmental courses *must* be completed prior to the program application deadline.

All students meeting minimum criteria will be considered competitively, based on ACT score or GPA in required general education courses completed in some Health Science programs. Completing math and science courses required in some Health Science programs with a grade of A or B, could enhance your chance of being accepted. It will be to your benefit to complete as many general education courses as possible by application deadline. MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. 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 Tennessee residents.

Program Application Deadlines

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

Program	Deadline
Dental Hygiene Technology	Third Friday in January
Diagnosis & Procedural Coding	July 15
Health Information Technology	Last working day in May
Medical Transcription	July 15
Occupational Therapy Assistant	Third Friday in January
Opticianry	Continuous acceptance
Paramedic	June 30
Physical Therapist Assistant	Third Friday in January
Polysomnography	Last working day in May
Radiologic Technology	Third Friday in January
Respiratory Therapy Technology	Last working day in May
Somatic (Massage) Therapy	Third Friday in January

Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Health Science Admissions Committee on a space available basis. It is the student's responsibility to assure that all records and documentation are received by the deadline.

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.
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 Health Science 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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

1. A student may be considered for readmission to a Health Science program if *all* of the following criteria are met:
 - A. The applicant must complete an application for Health Science programs and submit to the Center for New Student Admission.
 - B. Only one readmission to a Health Science program will be permitted.
 - C. The applicant must interview with the program director of the specific program before the date of the review by the Admissions Committee for consideration for readmission. An acceptable level of 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.
 - D. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better. Students may repeat a course only once, and on a space available basis.
 - E. The student must attain a GPA of 2.50 or better in eight or more hours of general education course work required in the program.
 - F. Readmission to a Health Science Program is contingent upon the availability of space.
2. Final selection of students will be made by the Health Science Admissions Committee.

Successful admission and completion of any RSCC Health Science program does *not* guarantee state or national licensure or registration to practice as there may be additional state/national criteria to be met for attainment of various allied health licenses/registrations.

A.A.S. DENTAL HYGIENE TECHNOLOGY

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 Technology 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.

In addition to the special admission policies for Health Sciences programs, the Dental Hygiene Program utilizes the following factors in ranking and acceptance of applicants:

1. The number of required science courses completed.
2. The student's grades for required science courses completed.
3. Work experience in the field of Dentistry. If work experience is to be considered, the applicant must bring to the interview a current resume with permission to contact employers. If the applicant is a Certified and/or Registered Dental Assistant, a copy of Certification and/or Registration must be brought to the interview. It is highly recommended that applicants without work experience in dentistry spend time observing a dental hygienist. During this observation, the applicant should gain a full understanding of the dental hygienist's duties and responsibilities, as well as an understanding of OSHA regulations on bloodborne pathogens. All observation time should be completed prior to the interview.
4. Results of a personal interview. Interviews will be granted only to applicants who have met the minimum requirements for admission to the Health Science programs. Interviews will be conducted during the latter part of the spring semester. After the applicant's files have been reviewed, the interviews are scheduled by telephone. It is the applicant's responsibility to make certain that we have work and/or home telephone numbers that will be current for this time period. If your telephone number or numbers have changed from those provided on your Health Science application, you must send the changes in a timely manner to the DHT program director at 701 Briarcliff Avenue, Oak Ridge, TN 37830.

All DHT 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 DHT program is required prior to enrolling in any DHT courses. All DHT courses are taught on the Oak Ridge Branch Campus.

There are additional expenses for the Dental Hygiene Program for instruments, uniforms, Student Association dues (membership is mandatory), radiation badges, recommended vaccinations and other program-related expenses.

Students are responsible for obtaining patients necessary to meet clinical requirements.

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.

DENTAL HYGIENE TECHNOLOGY

These classes may be taken prior to being accepted into the program.

◆ BIOL	2010 ¹ , 2020 ²	Anatomy and Physiology I & II	8
◆ BIOL	2230	Microbiology	3
◆ CHEM	1010	Intro to Chemical Principals ¹	4
◆ COLL	1020	Computer Concepts & Appl.	3
◆ ENGL	1010	Composition I	3
	MATH 1030	Math for the Health Sciences ³	3
	PSY	Psychology Elective	3
	SOC	Sociology Elective	3
◆ SPCH	201	Basic Speech Communication	3
		Humanities Elective/Medical Ethics ⁴	3

First Year

DHT	101	Preclinical Dental Hygiene	5
DHT	111, 112	Dental Science I, II	6
DHT	121	Clinical Dental Hygiene I	2
DHT	132	Dental Radiography	3
DHT	133	General & Oral Pathology	4
DHT	141	Principles of Dental Hygiene I	3
DHT	161	Biochemistry & Nutrition	3
DHT	171	Dental Materials	3

Second Year

DHT	201	Pharmacology & Pain Control	3
DHT	211	Dental Hygiene Seminar	2
DHT	212	Community Health	3
DHT	221, 222	Clinical Dental Hygiene II, III	6
DHT	240, 242	Principles of Dental Hygiene II, III	3
DHT	251	Periodontology	<u>1</u>
		TOTAL HOURS	83

¹◆ BIOL 2010 and CHEM 1010 must be taken fall of first year.

²◆ BIOL 2020 must be taken spring of the first year.

³Higher level math course may be substituted.

⁴◆ PHIL 2310 Medical Ethics is recommended, however any Humanities course is acceptable.

Students pursuing this option will be advised by the Health Science Division.

Program Application Deadline: Third Friday in January.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 21 credit hours must be completed at Roane State in order to meet the graduation residency requirement.

**A.A.S. HEALTH INFORMATION TECHNOLOGY
(Medical Record Technology)
Diagnosis and Procedural Coding Technical Certificate**

This program emphasizes specialized skills in the management of health information. The medical record technician ensures completeness, accuracy and efficiency in the management of health information in all healthcare settings maintaining patient information. **Two education options are available** in the one plus one program format. **All** students must complete a health science application indicating their interest in either the Diagnosis and Procedural Coding Technical Certificate (one-year) or the A.A.S. Health Information Technology degree program. Students completing the degree program will be eligible to sit for the national certification examination to become a Registered Health Information Technician.

The degree program is accredited by the Committee on Accreditation of Allied Health Education Programs (CAAHEP), in collaboration with the American Health Information Management Association’s (AHIMA) Council on Accreditation.

Degree students must meet health science division admission requirements including successful completion of HIT 107 prior to admission. Application of didactic instruction is provided through clinical education in area health facilities. First year program professional courses (HIT) are taught on the Roane County campus and at the Knoxville Health Sciences Center. Second year degree courses are primarily taught on the Roane County campus, however occasional HIT courses may be taught at other sites.

Courses in bold-faced italic print may be taken prior to being accepted into this program.

First Year	Hours
◆ <i>BIOL 2010, 2020 Anatomy and Physiology I, II¹</i>	8
HIT 102 Intro to Health Information	3
HIT 103 Coding & Classification Systems	3
HIT 107 Medical Terminology ²	3
HIT 130 CPT Coding	3
HIT 140 Medical Office Procedures	<u>2</u>
	TOTAL HOURS FOR CERTIFICATE 22
Summer Semester	
◆ <i>CST or COLL 1020 Computer Science Elective</i>	3
◆ <i>ENGL 1010 Composition I</i>	3
<i>MATH 1030 Math for Health Sciences (or higher level Math)</i>	3
Second Year	
HIT 106 Health Data Systems	3
HIT 113 Legal Aspects of Health Info	2
HIT 215 Principles of Healthcare Administration	3
HIT 221 Advanced Health Info Procedures	3
HIT 222 Pathology & Clinical Interpretations	4
HIT 231, 232 Directed Practice I, II	7
HIT 242 Automated Health Information Systems	3
HIT 251 Coding for Reimbursement	4
HIT 252 Quality Resource Management	2
◆ <i>SPCH 201 Basic Speech Communication</i>	3
	<i>Humanities Elective</i>
	<i>Social Science Elective</i>
	<u>3</u>
	TOTAL HOURS FOR A.A.S. 71

Program Application Deadline: A.A.S. Degree—Last working Day in May; Diagnosis and Procedural Coding—July 15.

¹Recommended to be completed **prior** to acceptance.

²An open course that may be taken by any student and is required to be completed **prior** to acceptance.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 18 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.

NURSING ADMISSION POLICIES FOR ASSOCIATE OF SCIENCE

The two-year Associate Degree Nursing Program qualifies students to take the State Board Examination to become Registered Nurses.

The RSCC Academic Council has established (for both beginning and transfer students) the following requirements in considering applicants for admission into the Associate of 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 Office.
 - C. Take the ACT exam (for student applicants under 21 years of age).
 - D. Complete Academic Development courses prior to the application deadline to the nursing program as determined by the requirements specified on page 25 of the RSCC catalog under "General Student Classifications."
 - E. Pass a pre-admission test.
- II. In addition to requirements above, applicants must meet requirement A or B or C below.
 - A. Complete at least 12 hours of work from the general education requirements in the Nursing curriculum with a minimum 2.75 GPA. These hours must be completed prior to the application deadline (third Friday in January.) A "C" or better must be attained in each required science course. ♦ MATH 1130 or higher level MATH must be completed with a grade of "C" or better prior to the application deadline.
 - B. Students under 21 years of age must attain a composite score of 20 or above on the ACT battery. MATH 1130 or higher must be completed with a grade of "C" or better prior to application deadline.
 - C. *Licensed Practical Nurses may be admitted by fulfilling the following:*
 1. *Meet requirements I. A, B, C, and D above.*
 2. *Complete twelve (12) hours of general education courses from the nursing curriculum prior to registration for Nursing 109, BIOL 2010 and MATH 1130 or higher level MATH must be completed with a grade of "C" or better as part of the 12 hours.*
 3. *Graduate from state approved LPN program and have a current valid LPN license.*
 4. *Pass the NLN proficiency examination.*
- III. Only nursing courses which were completed within three years prior to applying for admission or readmission will be considered for transfer. Science courses more than ten years old will not be considered.
- IV. A mandatory orientation to the nursing program will be scheduled prior to the first day of classes. At 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 (Healthcare Provider). Students must submit a copy of certification.
 - C. *Students who do not attend this orientation and submit physical examinations and proof of CPR certification by the first day of class will be dropped from the program.*
- V. 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 available from the office of the Nursing Program.

- 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.

VI. Other

- A. Individuals who are admitted to the program whose use of alcohol or consciousness-altering drugs interferes with their performance of nursing education activities will be referred for a drug screen and counseling. Please refer to the Nursing handbook for further information. Failure to correct the problem will result in termination from the Nursing Program.
- 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.

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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

A Health Science/Nursing 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, based on ACT score or GPA in required general education courses completed. It will be to your benefit to complete as many general education courses as possible by application deadline. The earlier application date will also be considered if other criteria are equal. MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

RSCC General Student classification admission policies for transfer students apply to transferring nursing students. Transfer students must meet RSCC general admissions requirements in addition to those of the Nursing Program. A letter of recommendation including evidence of clinical and lab competency must be submitted from the director of the previous nursing program. Transfer students may seek placement in the nursing sequence by taking a proficiency examination subject to the approval of the nursing faculty. 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 NLN accredited or state approved School of Nursing will be evaluated for transfer on an individual basis.

Financial Aid may be available. Questions should be directed to the Financial Aid Office.

Uniforms are required. There are additional expenses for the nursing program.

Retention Policies

1. The student must maintain a cumulative GPA of 2.0 or better. A “C” must be achieved in science, math and nursing courses in order to progress.
2. A student must satisfactorily complete each clinical rotation each semester 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 Nursing Student 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 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 state their intention in writing to the Nursing Program Director at least 30 days prior to summer semester, or 90 days prior to fall or spring semester.**
2. If two “D” grades or below are received in nursing courses, the student will be dismissed from the program, and the person receiving such grades may not be eligible for admission into the nursing program of any other TBR institution.
3. Those students who fail to maintain a cumulative GPA of 2.0 may be considered for readmission to the nursing program only after removing all grades of less than “C” in required general education courses.
4. Students repeating nursing courses must repeat both theoretical and clinical components of the course.
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. Students are advised to consult with the licensing board regarding their licensure eligibility.

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. Faculty members have office hours posted on their office doors. 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.

**ROANE STATE COMMUNITY COLLEGE
DEPARTMENT OF NURSING
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.

ISSUE	STANDARD	SOME EXAMPLES OF NECESSARY ACTIVITIES (not all inclusive)
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.	Moves around in patient's room, work spaces, and treatment areas, administer cardio-pulmonary procedures.
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective nursing care.	Calibrate and use equipment; position patients/clients.
Hearing	Auditory ability sufficient to monitor and assess health needs.	Hears monitor alarm, emergency signals, auscultatory sounds, cries for help.
Visual	Visual ability sufficient for observation and assessment necessary in nursing care.	Observes 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. insertions of a catheter.

A.A.S. NURSING

The two-year, 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 take the State Board examination to become a registered nurse.

A grade of “C” or better is required in ♦ MATH 1130 or higher level MATH prior to the application deadline.

These classes may be taken prior to being accepted into the program.

♦ BIOL	2230	Microbiology	3
♦ BIOL	2010, 2020	Anatomy and Physiology I, II ¹	8
	CST	Computer Science Elective or	
♦ COLL	1020	Computer Concepts & Appl.	3
♦ ENGL	1010	Composition I	3
♦ MATH	1130	College Algebra or higher level MATH ²	3
	PSY 220	Developmental Psychology	3
	SPCH	Speech Elective	3
		Humanities Elective	3

Students must be accepted into the nursing program to enroll in these classes.

First Year

NSG	105	Foundations for Nursing Practice	10
NSG	107	Care of Childbearing Family	4
NSG	109	Adult & Child Health I	6
NSG	118	Pharmacology in Nursing	3

Second Year

NSG	210	Adult & Child Health II	10
NSG	212	Psychosocial Nursing	4
NSG	215	Transitions to Nursing Practice	<u>4</u>
		TOTAL HOURS	70

¹Strongly recommend these courses being completed prior to taking NSG 105.

²MATH 1530 is recommended for students planning to complete a BSN.

Consult course descriptions for prerequisites and corequisites.

Students pursuing this option will be advised by the Nursing Department.

Program Deadline: Third Friday in January.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 18 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

LPN CAREER MOBILITY

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 a 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.

Candidates are required to present an active Tennessee Practical Nurse license to be admitted to the examination. Candidates should arrive 30 minutes before test-time. ID must be verified before admission to the examination is permitted.

Admission to the Career Mobility program 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.

A grade of "C" or better is required in ♦ MATH 1130 or higher level MATH and ♦ BIOL 2010 prior to beginning nursing classes.

These classes may be taken prior to being accepted into the program.

General Education

♦ BIOL 2230	Microbiology	3
♦ BIOL 2010, 2020	Anatomy and Physiology I, II ¹	8
CST	Computer Science Elective or	3
♦ COLL 1020	Computer Concepts & Appl.	
♦ ENGL 1010	Composition I	3
♦ MATH 1130	College Algebra or higher level MATH ²	3
PSY 220	Developmental Psychology	3
♦ SPCH	Speech Elective	3
	Humanities Elective	<u>3</u>
		29

¹Strongly recommend completion of BIOL 2020 prior to taking nursing courses.

²MATH 1530 is recommended for students planning to complete a BSN.

Challenge by Proficiency Examination (NSG 115) 10

SPRING SEMESTER - FIRST YEAR

NSG 107	Care of the Childbearing Family	4
NSG 109	Adult and Child Health I	6
NSG 126	Pharmacology in Nursing	<u>3</u>
		13

FALL SEMESTER - SECOND YEAR

NSG 210	Adult and Child Health II	10
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SPRING SEMESTER - SECOND YEAR

NSG 212	Psychosocial Nursing	4
NSG 215	Transitions to Nursing Practice	<u>4</u>
		8

Academic Advisement: LPN Mobility students must have an academic advisement conference with the nursing program director prior to beginning NSG 107. Students pursuing this option will be advised by the Nursing Department.

A.A.S. OCCUPATIONAL THERAPY ASSISTANT

The Certified Occupational Therapy Assistant (COTA) is a health professional who uses purposeful activity with individuals who are limited by physical injury or illness, psychosocial dysfunction, developmental or learning disabilities, poverty and cultural differences or the aging process. The COTA works under the supervision of a registered occupational therapist (OTR) and collaborates with others to maximize independence, prevent disability and maintain the health of individuals requiring services. Students are trained in the skills and techniques necessary to participate in the treatment and testing of patients. The educational program includes lecture and laboratory experiences as well as practice in clinical settings.

ADMISSION TO THE OTA PROGRAM IS REQUIRED PRIOR TO TAKING ANY OTA COURSES, with the exception of OTA 104 which has an open admissions policy. Sixteen (16) hours of volunteer or work experience with an occupational therapist or an occupational therapy assistant is required prior to admission to the program. A form evaluating and verifying 16 volunteer hours must be submitted to the OTA department prior to the application deadline. An interview will be offered to the top 40 candidates. Meeting minimum requirements does not guarantee acceptance. Those not accepted can apply for the following year or seek advisement on other possible career options. **The program is designed to be taken in sequence, individual circumstances may permit variations.** All OTA courses are taught on the Oak Ridge Campus. All admissions material must be submitted by the third Friday of January for the following fall semester.

The Occupational Therapy Assistant 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. AOTA's phone number is (301) 652-AOTA. 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). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

NOTE: All OTA students must complete Level II Fieldwork within 18 months following completion of academic preparation.

NOTE: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. For more information contact NBCOT at (301) 990-7979 or www.nbcot.org and the state licensure board at 1-888-310-4650, ext. 2-5163 or www.state.tn.us/health.

OCCUPATIONAL THERAPY ASSISTANT**These classes may be taken prior to being accepted into the program.**

◆ BIOL	2010 ¹ , 2020	Anatomy and Physiology I, II	8
◆ COLL	1020	Computer Concepts & Appl.	3
◆ EDU	100	Orientation to College	1
◆ ENGL	1010	Composition I ¹	3
MATH		Math Elective	3
PSY	213	Abnormal Psychology	3
PSY	220	Developmental Psychology	3
◆ SPCH		Speech Elective	3
		Humanities Elective	3

First Year

OTA	102	Intro to Occupational Therapy	2
OTA	104	Rehabilitation Communication ¹	2
OTA	107	Therapeutic Activities	3
OTA	110	Theory & Treatment of Psychosocial Dysfunction	5
OTA	115	Level I Psychosocial Fieldwork	2
OTA	117	Neurological Theory & Treatment	4
PTA	121	Kinesiology	3

Second Year

OTA	210	Theory & Treatment of Physical Dysfunction	5
OTA	212	OTA Practice Management	2
OTA	216	Pediatric Theory and Treatment	5
OTA	217	Level I Physical Disability Fieldwork	2
OTA	221	Life Development Fieldwork II	7
OTA	226	Medically Based Fieldwork II	7
OTA	227	Optional Level II Fieldwork	3
		TOTAL HOURS	76
OTA	209	Theory & Treatment of PAMs ²	3
OTA	213	Clinical Appl Elec & Ther Mod ²	1

¹Should be taken prior to beginning OTA classes.

²Elective, not required for graduation.

Students pursuing this option will be advised by the Health Science Division.

Program Deadline: Third Friday in January.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 20 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

A.A.S. OPTICIANRY

The Opticianry 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 Examination in Ophthalmic Dispensing and the national board certification examinations. The total educational program will include general studies, technical, and field work components.

Opticians 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 Opticianry program is nationally accredited by the Commission on Opticianry Accreditation.

Admission to the program is required prior to enrolling in any OPT course. Courses must be taken in sequence. All professional opticianry courses are taught at the main campus in Harriman.

These classes may be taken prior to being accepted into the program.

	BUS	Business Elective ¹	3
	CST	Computer Science Elective or	3
◆	COLL 1020	Computer Concepts & Appl.	
	EDU 100	Orientation to College	1
◆	ENGL 1010	Composition I	3
◆	MATH 1130	College Algebra ²	3
	SPCH	Speech Elective	3
		Humanities Elective	3
		Social Science Elective	3

First Year

OPT	101	Intro to Opticianry	5
OPT	110	Ophthalmic Dispensing	4
OPT	120	Ophthalmic Matherials I	4
OPT	123	Geometric Optics for Opticians	3
OPT	130	Contact Lenses I	4
OPT	140	Practicum	3
OPT	143	Anatomy & Physiology of the Eye	5

Second Year

OPT	210	Ophthalmic Dispensing II	5
OPT	220	Ophthalmic Matherials II	5
OPT	230	Contact Lenses II	5
OPT	260	Ophthalmic Dispensing III	5
OPT	270	Ophthalmic Materials III	4
OPT	280	Contact Lenses III	<u>4</u>
		TOTAL HOURS	78

¹Business elective may be chosen from the following: BUS 101, BUS 221, 278 or 281.

²Higher level math course may be substituted.

Students pursuing this option will be advised by the Health Science Division.

Program Deadline: Continuous acceptance.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 20 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

A.A.S. PHYSICAL THERAPIST ASSISTANT

This program prepares students with the necessary knowledge and skills to assist in the treatment and testing of physical therapy patients under the supervision of a registered physical therapist. Training includes the use of exercise, therapeutic modalities and special treatment procedures in classroom, laboratory and clinical settings. This program is accredited by the Commission on Accreditation in Physical Therapy Education.

The 1+1 curriculum design establishes the first year for prerequisites and the second year for physical therapy courses. All first-year prerequisites (PRE-PTA status) must be completed prior to being considered for admission into the second year. There is an open admissions policy for enrolling in the PRE-PTA classes. The second year (PTA STATUS) lasts one calendar year—August to August of the next year. Classes taken the second year must be taken in sequence and require a full course load.

Selection for the second year will be based on GPA in the prerequisites, anatomy and physiology grades, physical therapy tech work experience, interview scores (top 40 applicants based on a point system will be offered interviews), and documentation and rating on physical therapy observation experience. This experience will be completed in the course PTA 102 Introduction to Physical Therapy. A maximum of twenty students will be selected for the second year. Those not accepted can apply for the following year or seek advisement on other possible career options.

All admission materials except Spring grades (i.e. Spring 2004 for Fall 2004 acceptance) should be submitted by the third Friday of January for the following fall semester. Spring grades need to be received by May 31st. Students that turn materials in after these deadlines may not be considered for admission.

Here are some other things to keep in mind for the second year. Clinical courses during the second year might require travel to other cities for extended periods of time at the student's expense. Once accepted into the second year, it is the student's responsibility to be certified in Basic First Aid and to maintain certification in Infant, Child and Adult CPR. This can be done through the Red Cross and/or American Heart Association.

All second year PTA classes are taught at the Oak Ridge Branch Campus.

A.A.S. PHYSICAL THERAPIST ASSISTANT 1+1 CURRICULUM

First Year

◆ BIOL	2010, 2020	Anatomy and Physiology I, II	8
◆ COLL	1020	Computer Concepts & Appl.	3
EDU	100	Orientation to College ¹	1
◆ ENGL	1010	Composition I	3
◆ MATH	1030	Math for the Health Sciences or	
◆ MATH	1130	College Algebra	3
PHED		Physical Education Elective	1
PTA	102	Intro to P.T.	2
PTA	145	Terminology for Medical Communication	2
◆ SPCH		Speech Elective	3
		Humanities Elective	3
		Social Science Elective	<u>3</u>
		Total First Year	32

Second Year

PTA	121	Kinesiology	3
PTA	141	Patient Care Techniques	4
PTA	151	Therapeutic Modalities	5
PTA	214	Treatment of Medical/Surgical Conditions	3
PTA	235	Advanced P.T. Procedures I	6
PTA	236	Advanced P.T. Procedures II	6
PTA	238	Clinical Preparation I	3
PTA	239	Clinical Preparation II	2
PTA	244	Seminar	1
PTA	256	Clinical Education I	6
PTA	257	Clinical Education II	<u>6</u>
		Total Second Year	45
		TOTAL HOURS	77

¹First time student.

Program Deadline: Third Friday in January.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 19 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

A.A.S. RADIOLOGIC TECHNOLOGY

The radiographer is a healthcare professional that performs radiographic procedures that provide information to assist in the diagnosis and treatment of the patient. The Radiologic Technology Program consists of six semesters of full-time study which includes supervised clinical coursework in a radiology department. The clinical courses include assignments during the intercessions between semesters. The program is affiliated with 13 area hospitals and clinics. Each student will be assigned to a variety of clinical sites during the two years of clinical coursework.

Applicants for the program may begin working on the general education courses at any time. Official acceptance to the program is required prior to enrollment in the professional courses. The professional courses must be taken in sequence and are offered only at the Oak Ridge Branch Campus. Remedial and developmental courses must be completed prior to the application deadline.

Applicants must spend a minimum of 4 hours of observation time in an inpatient radiology department and must submit the required form documenting this observation time. This form is available at the ORBC admissions office or information desk and must be received by the program director before the application deadline. In addition, special consideration will be given to those applicants who make an A or B in required science and math courses.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology. Graduates of the program are eligible to take the certification examination administered by the American Registry of Radiologic Technologists.

These classes may be taken prior to being accepted into the program.

◆ BIOL	2010, 2020	Anatomy and Physiology I, II ¹	8
◆ COLL	1020	Computer Concepts & Appl. or	3
	CST	Computer Science Elective	3
◆ ENGL	1010	Composition I	3
	MATH 1030	Math for the Health Sciences ²	3
◆ SPCH	201	Basic Speech	3
		Humanities Elective	3
		Social Science Elective	3

First Year

RDT	102	Intro to Radiologic Technology	4
RDT	103, 110	Image Analysis I, II	2
RDT	106, 107	Clinical Education I, II	9
RDT	108	Clinical Education III	4
RDT	113, 114	Radiographic Procedures I, II	8
RDT	122	Exposure Technique	4
RDT	130	Radiographic Processing	2
RDT	203	Image Analysis III	1
RDT	210	Radiographic Procedures III	2

Career Preparation Programs
Second Year

RDT 206	Clinical Education IV	10
RDT 207	Clinical Education V	8
RDT 212	Radiographic Procedures IV	3
RDT 215	Advanced Radiography	1
RDT 222	Radiation Protection	2
RDT 225	Radiation Physics	3
RDT 226	Radiologic Science I	4
RDT 227	Radiologic Science II	2
RDT 230	Image Analysis IV	1
RDT 251	Clinical Education VI	<u>2</u>
	TOTAL HOURS	98

¹If these courses are not completed prior to acceptance to the program, they must be completed during the first two semesters of the program.

²Higher level math course may be substituted.

Students pursuing this option will be advised by the Health Science Division.

Program Deadline: Third Friday in January.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 25 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

**ADVANCED STANDING
A.A.S. RADIOLOGIC TECHNOLOGY
(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 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:

RDT 102	Introduction to Radiologic Technology	4
RDT 103	Image Analysis I	1
RDT 106	Clinical Education I	4
RDT 107	Clinical Education II	5
RDT 108	Clinical Education III	4
RDT 110	Image Analysis II	1
RDT 113	Radiographic Procedures I	4
RDT 114	Radiographic Procedures II	4
RDT 122	Exposure Technique	4
RDT 130	Radiographic Processing	2
RDT 203	Image Analysis III	1
RDT 206	Clinical Education IV	10
RDT 207	Clinical Education V	8
RDT 210	Radiographic Procedures III	2
RDT 212	Radiographic Procedures IV	3
RDT 215	Advanced Radiography	1
RDT 222	Radiation Protection	2
RDT 225	Radiation Physics	3
RDT 226	Radiologic Science I	4
RDT 227	Radiologic Science II	2
RDT 230	Image Analysis IV	1
RDT 251	Clinical Education VI	2

The following courses are required:

◆ COLL 1020	Computer Concepts & Appl. or	
CST	Computer Science Elective	3
BUS 281	Management and Supervision I	3
◆ EDU 100	Orientation to College	1
◆ ENGL 1010	Composition I	3
◆ MATH 1130	College Algebra	3
◆ SPCH	Speech Elective	3
	Social Science Elective	3
	Humanities Elective	3
	Science Elective	4
	Elective	<u>3</u>
	Sub-Total	29
	ARRT Certification Credits	72
	TOTAL SEMESTER HOURS	101

NOTE: 25 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

Students pursuing this option will be advised by the Health Science Division.

A.A.S. RESPIRATORY THERAPY TECHNOLOGY

The Respiratory Therapy 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 courses are taught at the Knox County campus.

Along with the general entrance requirements of the Health Science programs, the applicants for Respiratory Therapy must also complete ten (10) hours of observation in area respiratory therapy departments. Students should contact the program director for more information. A completed observation form must be sent back to the program director prior to the application deadline. The form for documentation of observation hours may be obtained from the Health Science Admissions Clerk, Admissions Office or Respiratory Therapy faculty.

Students that have been admitted into the program must attend an orientation to the Respiratory Therapy program prior to the first day of class. Students must submit physical examination forms and proof of CPR certification at this time. Students who fail to attend orientation or submit physical examination forms and CPR certification will be dropped from the program.

All students must pass the mock written registry and clinical simulation examinations 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 CAAHEP and CoARC, committees on Allied Health and Education.

These classes may be taken prior to being accepted into the program.

◆ BIOL	2010	Anatomy and Physiology I ¹	4
◆ BIOL	2230	Microbiology	3
◆ CHEM	1010	Introduction to Chemistry I	4
◆ ENGL	1010	Composition I	3
◆ MATH	1130	College Algebra (or higher level math) ¹	3
◆ SPCH		Speech Elective	3
		Humanities Elective	3
		Social Science Elective	3
First Year			Hours
RTT	121	Cardio-Renal Anatomy & Phys	4
RTT	122	Respiratory Care Science I	4
RTT	123	Respiratory Pharmacology	2
RTT	131	Pathology of Respiratory Disease I	2
RTT	132	Respiratory Care Science II	7
RTT	220	Respiratory Science III	4
RTT	225	Pulmonary Function Studies	2
RTT	231	Pathology of Resp. Disease II	2

Second Year

EMT	217	Comprehensive Adv Cardiac Life Support	3
RTT	230	Respiratory Care Science IV	7
RTT	235	Neonatal and Pediatric Care	3
RTT	240	Critical Care Methods	2
RTT	245	Respiratory Care Science V	7
RTT	260	Hemodynamics and Rhythms	3
RTT	261	Respiratory Care Seminar	2
		TOTAL HOURS	80

¹This course must be taken before enrolling in RTT 122.

Students pursuing this option will be advised by the Health Science Division.

Program Deadline: Last working day in May.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 20 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

A.A.S. PARALEGAL STUDIES

The two-year program in Legal Assisting is designed to prepare students to be proficient in paralegal duties and responsibilities. Students who complete the coursework will be able to apply basic law concepts and become familiar with Tennessee's basic court system. Objectives include skills in writing, research, problem solving, and social interaction. Students will participate in an internship for practical application experience. Admission to this program will require students to meet the minimum course standards for other two-year technical degree programs.

First Year			Hours
◆ COLL	1020	Computer Concepts & Appl. ¹	3
EDU	100	Orientation to College	1
◆ ENGL	1010, 1020	Composition I, II	6
LAW	101	Intro to the Legal Profession & Legal Ethics	3
LAW	102	Survey of American Law	3
LAW	140	Legal Research	3
LAW	150	Legal Writing	3
LAW	241	Real Property	3
◆ MATH		Mathematics Elective ²	3
◆ PHED		Physical Education Electives ³	2
POL	101	U.S. Government & Politics	3
◆ SPCH	201	Basic Speech	<u>3</u>
First Year Total			36
Second Year			
LAW	160	Torts	3
LAW	170	Criminal Law	3
LAW	201	Domestic Relations	3
LAW	211	Business Organizations	3
LAW	221	Civil Trial & Appellate Practice	3
LAW	231	Estates & Trusts	3
LAW	235	Legal Environment for Business	3
LAW	240	Legal Internship (Summer)	3
LAW		Law Elective	3
SOC	201	Intro to Sociology or	
SOC	211	Cultural Anthropology	3
		Humanities Elective	3
		Natural Science/Math Elective	<u>4/3</u>
Second Year Total			37/36
TOTAL HOURS			73/72

¹Students may substitute other computer-related courses with the approval of their academic advisor.

²◆ MATH 1130 or higher.

³Must be two different courses. See course descriptions for details.

Students pursuing this option will be advised by the Social and Behavioral Sciences Division.

This program is designed for students who do not intend to transfer to a baccalaureate degree program. NOTE: 18/19 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

A.A.S. SOCIAL SERVICES*

This program is designed to prepare students for careers in the field of social and human services. Students will receive specialized training in a wide variety of social services disciplines which include (but are not limited to): human behavior; generalist practice; professional values and ethics; alcohol and drug abuse; and family dynamics.

First Year			Hours
ENGL	1010	Composition I	3
PSY	110	General Psychology	3
SOCS	1010	Introduction to Social Services	3
SOCS	1020	Human Behavior in the Social Environment	3
SOCS	2010	Social Services for Children and Youth	3
SOCS	2020	Theories and Methods of Social Service Practice	3
SOCS	2035	Alcohol and Drug Abuse	3
SPCH	201	Basic Speech Communication	3
		Elective	3
		Humanities Elective	<u>3</u>
		First Year Total	30
 Second Year			 Hours
MATH	1130	College Algebra	3
SOCS	2045	Family Systems or	
ECED	2040	Family Dynamics and Community Involvement	3
SOCS	2060	Field Practicum	5
		Physical/Natural Science Elective	4
		SOCS/ECED Electives*	<u>15</u>
		Second Year Total	30
		TOTAL HOURS	60

***Guided Electives (Choose any 5 of the following courses)¹:**

SOCS	2010	Social Services for Children and Youth	3 hrs.
SOCS	2015	Social Services for Special Populations	3 hrs.
SOCS	2025	Survey of Counseling Theories	3 hrs.
SOCS	2030	Violence and Conflict	3 hrs.
SOCS	2045	Family Systems ²	3 hrs.
ECED	2010	Safe, Healthy Learning Environments	3 hrs.
ECED	2020	Infant, Toddler, Child Development	3 hrs.
ECED	2040	Family Dynamics & Comm. Involvement ²	3 hrs.

¹Additional courses may be added to this list of Guided Electives as may be needed to accommodate the career/workplace needs of students.

²If not already taken as part of the core.

***This program is scheduled to begin Fall semester 2004.**

A.A.S. TECHNICAL COMMUNICATIONS

Technical Communications is a unique online degree program that is part of eLearnIT. This online learning experience provides for both an Associate of Applied Science degree and preparation for students to continue in their pursuit of bachelor's degree through a partnership with the University of Tennessee.

This degree represents the second year of the eLearnIT program. Students in this program will have taken the first year of courses at Nashville State Technical Institute (NSTI), transferred equivalent courses from another institution, or taken equivalent courses at Roane State. All eLearnIT courses articulate with and transfer completely to the University of Tennessee-Martin's Bachelor of University Studies program.

eLearnIT is an asynchronous learning environment, which means that students decide when to participate in class activities such as bulletin board discussions. This allows students to work around their schedules. However, please note that all courses do have an end time clearly specified by the instructor by which ALL course work is required to be completed AND turned in.

Please keep in mind that eLearnIT is an online degree program, which means that students must have computer access. Students are expected to have a basic familiarity with computers and the Internet. For additional information about eLearnIT, including hardware and software standards and other degree pathways, visit the eLearnIT website at www.elearnit.org.

First Year

Fall Semester — NSTI

			Hours
AIS	1010	Computer Concepts and Appl	3
COM	1010	Basic Web Design	3
ENGL	1010	Composition I	3
ENGL	1113	Intro to Research	3
ENGL	1114	Technical Editing	<u>3</u>
		TOTAL First Semester (NSTI)	15

Spring Semester — NSTI

			Hours
ENGL	2112	Technical Report Writing	3
ENGL	2114	Writing for Industry	3
ENGL	2116	Writing for the Web	3
PHIL	1000	Critical Thinking	3
		Choose ONE of the following:	
COM	1000	Beginning HTML	3
COM	1020	Basic Web Graphics	3
MATH	1510	Probability/Statistics	3
OAD	1150	Web Projects	<u>3</u>
		TOTAL Second Semester (NSTI)	15
		TOTAL Semester Hours (NSTI)	30

Second Year**Fall Semester — RSCC**

			Hours
ART	2140	Digital Support Graphics	3
ENGL	1020	Composition II ¹	3
ENGL	2411	Advanced Technical Writing ¹	3
MSC	1011	Physical Sciences	3
SPCH	221	Business and Prof Speaking	<u>3</u>
TOTAL First Semester (RSCC)			15

Spring Semester — RSCC

			Hours
BUS	234	Intro to Public Relations	3
CST	219	Intro to Electronic Commerce	3
ENGL	2421	Technical Research ¹	3
ENGL	2450	Online Comm and Publishing ¹	3
GGY	2310	Human Geography	<u>3</u>
TOTAL Second Semester (RSCC)			15
TOTAL Semester Hours (RSCC)			30

¹ENGL 1010 is a prerequisite for this course

TECHNICAL CERTIFICATE PROGRAMS

Students in these programs should apply for admission as special credit students. No placement testing is required of these programs except the Paramedic program. Financial Aid may not be available for all certificates pending approval. 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.

COMPUTER ART & DESIGN

The Technical Certificate of Credit in Computer Art and Design is especially geared toward these individuals: 1) those already holding BFAs, MFAs, or other degrees who need a structured program of computer skills to enhance or secure employment, or 2) those who wish to quickly enter the job market on a technical level and pursue further education along with their employment.

To complete requirements to receive the technical certificate of credit in Computer Art and Design, students must pass competency tests in six areas: Basic computer skills; pagination; Raster Graphics; Vector Graphics; 2-D animation; and 3-D animation. In addition, students must pass proficiency tests in one area of specialization. An internship is also required.

The following courses are required:

ART 101, 102, 103	Studio Fundamentals: Drawing I, II, III	6
◆ ART 141	Beginning Graphic Design	3
◆ ART 142, 143, 144	Computer Art I, II, III	9
◆ ART 181	Visions Seminar I	2
◆ ART 191	Practicing Artists Seminar	3
◆ ART 221	Portfolio Preparation	2
	Electives ¹	<u>6</u>
	TOTAL SEMESTER HOURS	31

¹Choose 2 from ◆ ART 145, ◆ ART 205, ◆ ART 206, ◆ ART 207, ◆ ART 208, ◆ ART 209.

Students pursuing this certificate will be advised by the Humanities Division.

NOTE: 10 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

GEOGRAPHIC INFORMATION SYSTEMS

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.

Fall Semester

GIS 101	Intro. to GIS	3
GIS 105	Cartography & Digital Image Analysis	3
GIS 210	Imaging & Global Positioning Technology	<u>3</u>
		9

Spring Semester

GIS 110	Geographic Database Technology	3
GIS 220	GIT Demographic Applications	3
GIS 230	GIT Mapping, Environmental, Utility and Local Government Applications	<u>3</u>
		9

Summer Semester

GIT 290	Directed Research Project	<u>3</u>
		3
TOTAL SEMESTER HOURS		21

Students pursuing this option will be advised by the Business and Technology Division.

NOTE: 7 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

OFFICE INFORMATION TECHNOLOGY

This one-year program is designed for students interested in office positions. The program emphasizes the development of skills that build the foundation for an entry-level position.

Fall Semester

BUS 111	Business Math	3
◆ COLL 1020	Computer Concepts & Appl.	3
CST 135	Spreadsheets	3
OAD 101	Keyboarding/Formatting	3
OAD 105	Business Communications	<u>3</u>
		15

Spring Semester

CST 103	Computer Presentations	3
OAD 102	Document Processing	3
OAD 201	Administrative Office Management	3
OAD 204	Information and Document Control	3
OAD 250	Work Experience	<u>3</u>
		15
TOTAL SEMESTER HOURS		30

Students pursuing this certificate will be advised by the Business and Technology Division.

See page 135 for the A.A.S. degree in Business Management Technology, Office Administration Information Technology option.

NOTE: 10 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

POLICE MANAGEMENT

This program is designed to provide state-of-the-art education in the areas of procedural law and police management. The curriculum provides an opportunity for police supervisory personnel to receive training in a non-degree credit program. The Police Management certificate program is not designed to provide entry-level skills in police science. Students interested in a career preparation program should refer to page 137.

The following courses are required:

BUS 281	Management and Supervision I	3
CRJT 201	Police Administration and Organization	3
CRJT 111	Criminal Procedures	3
CRJT 101	Introduction to Criminal Justice	<u>3</u>
	TOTAL SEMESTER HOURS	12

Students pursuing this certificate will be advised by the Social and Behavioral Science Division.

NOTE: 4 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

TENNESSEE EARLY CHILDHOOD TRAINING ALLIANCE

The TECTA program is designed for students who have a GED or high school diploma, are currently working in a licensed or registered child care facility, and reside in Tennessee. The program provides 30 hours of cost free orientation. The participant then enrolls as a Roane State student and begins the first of five college classes which leads to the Child Development Associates (CDA) certificate.

Student Requirements

1. Submit an application for admission and \$10 non-refundable application fee.
2. Submit an official copy of high school transcript or GED scores.

The following courses are required:

Orientation (0)Non-credit

This course provides the childcare worker with thirty hours of instruction in the following areas: professionalism, individualism and cultural diversity, child development, developmentally appropriate practices, learning environments, health and safety, guidance, observation and assessment, family relationships, human relations, environment, and activities and curriculum. Prerequisite to the Level classes—students must enroll in one of the following Orientation classes (30 clock hours): Center Based; Infant/Toddler; School-Age; Family Based; Administration.

ECE 201 (Level I A)	Safe, Healthy, Learning Environment	3
ECE 213 (Level I B)	Practicum (Co-requisite ECE 201 Level I A)	3
ECE 102 (Level II A)	Foundations of Early Childhood Development	3
ECE 204 (Level II B)	Family Dynamics and Community Involvement	3
ECE 214 (Level II C)	Clinical	<u>3</u>
	TOTAL SEMESTER HOURS	15
ECE 210	The Mentoring Teacher	3
	*by permission of TECTA coordinator	

Note: ECE 210 is not part of the CDA certificate required classes.

Students pursuing this certificate will be advised by the TECTA Office.

HEALTH SCIENCE CERTIFICATE PROGRAMS

DIAGNOSIS AND PROCEDURAL CODING

The Diagnosis and Procedural Coding program is a nine month certificate program designed to prepare students to perform medical diagnosis and procedure coding in an outpatient or ambulatory healthcare setting. Professional courses (HIT) in the program are taught during the day on the Roane County Campus and in the evening at the Knoxville Center for Health Sciences. Included in the program is clinical instruction allowing students to apply coding to actual medical records of patient encounters.

Admission Requirements

1. Submit an official copy of high school transcript, or GED scores or college transcript.
2. Complete RSCC application and admission requirement for special student category.
3. Complete Health Science Application.
4. Be accepted by the Health Sciences Admissions Committee.

The following factors are utilized in ranking and accepting applicants:

1. Completion of HIT 107
2. Completion of BIOL 2010 and BIOL 2020
3. Attendance at program orientation session scheduled each spring/summer

Only HIT courses which were completed within three years prior to applying for admission or readmission will be considered for credit toward graduation.

Retention Policies

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 HIT 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 Health Sciences and Nursing and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

1. A student may be considered for readmission to a Health Science program if all of the following criteria are met:
 - A. The applicant must complete an application for Health Science programs and submit to the Records office.
 - B. Only one readmission to Health Science programs will be permitted.
 - C. The applicant must interview with the program director before the date of the review by the Admissions Committee for consideration for readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
 - D. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
 - E. Readmission to a Health Science program is contingent upon the availability of space.
2. Final selection of students will be made by the Health Science Admissions Committee.

Students having EMT licensure are able to work as part of an EMS team on Basic and Advanced ambulance units. They are employed in emergency rooms, law enforcement agencies, rescue squads, fire stations, health clubs, ski patrols, park rangers and other related fields.

Admission requirements:

1. Must meet all RSCC admission requirements.
2. Must submit a regular high school diploma or equivalent. (**NOTE:** A special ed diploma or certificate of attendance **WILL NOT** meet this requirement.) Students must be 18 years old and have a high school diploma or GED to be eligible to take the State of Tennessee exam.
3. Submit a current Health Care Provider level CPR card or Professional Rescuer card.

Retention:

1. A minimum grade of 80% in each of the three areas, lecture, lab and clinical must be achieved to advance to the next semester.
2. Maintain current licensure and current CPR-Health Care Provider.
3. Maintain evidence of Professional Liability Insurance.

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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

EMT Accelerated - Course Number: EMT 151 12 credits

EMT 125 Extended Skills for the EMT 3 credits
(Corequisite)

This course prepares the student for the National Registry Exam for EMTs. Upon successful completion of this exam the student will be eligible for State Licensure.

The accelerated course is Basic I and II combined into one semester and is designed for those students that have completed First Responder or have a medical background.

Students having EMT licensure are able to work as part of the EMS team on Basic and Advanced ambulance units. They are employed in emergency rooms, law enforcement agencies, rescue squads, fire stations, health clubs, ski patrols, park rangers and other related fields.

Admission requirements:

1. Must meet all RSCC admission requirements.
2. Must submit a regular high school diploma or equivalent. (**NOTE:** A special ed diploma or certificate of attendance **WILL NOT** meet this requirement.) Students must be 18 years old and have a high school diploma or GED to be eligible to take the State of Tennessee exam.
3. Submit a current Health Care Provider level CPR card or Professional Rescuer card.

Program Prerequisites: EMT 109—First Responder course, medical background, or successful completion of college level science courses. You must obtain permission from the EMS program director.

Retention

1. Maintain current licensure and maintain current CPR-Health Care Provider.
2. Maintain evidence of Professional Liability Insurance.

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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

Certificate Program

Paramedic

First Semester	Second Semester	Third Semester
EMT 211 13 credits	EMT 212 13 credits	EMT 218 3 credits
EMT 221 3 credits	EMT 222 3 credits	EMT 223 4 credits

The Paramedic program is a three-semester certificate program. The lecture and lab consists of approximately 600 hours. The clinical/field internship is approximately 500 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 the students for National Registry exams and enable him/her to demonstrate competence as an entry level paramedic.

Graduates of this program work in areas of law enforcement, fire, Emergency rooms, medical clinics, rescue, athletic departments, forestry, EMS, 911 centers and similar occupations.

Admission Requirements:

1. Submit current EMT license.
2. Complete the COMPASS exam, unless the student meets institutional requirements through ACT scores or accumulated college credits (refer to this section of the RSCC catalog).
3. Submit an official high school transcript or GED scores or college transcript.
4. Complete RSCC application and meet RSCC admission requirements for either general or special student option.
5. Complete Health Science admission application and all materials identified in the Paramedic admissions packet and submit to the Health Science Admissions Technical Clerk by June 30.
6. Submit a current Health Care Provider level CPR or Professional Rescuer card.
7. Complete all required developmental courses based on COMPASS results.
8. Submit a completed physical examination providing evidence of physical status necessary for practice in all areas of EMS rotations.

HEALTH: 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.

Students must follow the admissions process in regard to 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 Department. Refer to the paramedic admissions packet for further information. A Paramedic 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.

Retention:

1. Maintain current Tennessee licensure and maintain current CPR-Health Care Provider level or Professional Rescuer level.
2. Maintain 80% in didactic, lab and clinical areas.

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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

PARAMEDIC PROGRAM

<u>Fall Semester</u>		
EMT 211	Paramedic I	13
EMT 221	Clinical I	<u>3</u>
		16
<u>Spring Semester</u>		
EMT 212	Paramedic II	13
EMT 222	Clinical II	<u>3</u>
		16
<u>Summer Semester</u>		
EMT 218	Paramedic III	3
EMT 223	Clinical III	<u>4</u>
		7
	Total Semester Hours	39

Students wishing to pursue an AAS in General Technology with emphasis in Emergency Medical Services, should consult a Health Sciences advisor.

Program Deadline: June 30.

NOTE: 12 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

MEDICAL TRANSCRIPTION

The Medical Transcriptionist Program is a nine month certificate program. In addition to classroom lecture and transcription practice, two days a week are spent during the second semester in a health care facility affording the student valuable work experience in Medical Transcription. Graduates obtain employment in hospitals, clinics, doctor's offices, and transcription services. Graduates are eligible to take the American Association for Medical Transcription certificate examination. **MDT courses must be taken in sequence.**

Admission Requirements

1. Submit an official copy of high school transcript or GED scores or college transcript.
2. Recommend typing speed of 45 words per minute; typing/keyboard skills are required. Basic knowledge of computer/word processing functions (recommend COLL 1020 or CST 170) is required.
3. Pass a high school level grammar, punctuation and spelling preadmission test.
4. Completed RSCC application and admission requirements for special student category.
5. Completed Health Sciences application.
6. Completed health form.
7. Be accepted by the Health Sciences Admissions Committee.
8. Acute hearing required.

Retention Policies

Students' grades will be evaluated at the end of each semester by the Health Sciences Admissions committee. 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.
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 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 Health Sciences and Nursing and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

1. A student may be considered for readmission to a Health Sciences program if *all* of the following criteria are met:
 - A. The applicant must complete an application for Health Sciences programs and submit to the Admissions Office.
 - B. Only one readmission to a Health Science Program will be permitted.
 - C. The applicant must interview with the program director of the specific program before the date of the review by the Admissions Committee for consideration for readmission. A student with previous unsatisfactory clinical performance must be recommended for readmission by consensus of the program faculty.
 - D. A student must repeat the specialty course or courses for which he/she was dismissed and attain a "C" or better in the course.
 - E. Readmission to a Health Science program is contingent upon the availability of space.
2. Final selection of students will be made by the Health Sciences Admissions Committee.

MEDICAL TRANSCRIPTION TECHNICAL CERTIFICATE OF CREDIT

Fall Semester

MDT 102	Beginning Medical Terminology	3
MDT 103	Anatomy Concepts in Med Trans	2
MDT 104	Basic Medical Transcription	5
MDT 105	Medical Transcription Procedures I	1
MDT 110	Computer Concepts in Med Trans	<u>1</u>
		12

Spring Semester

MDT 111	Advanced Medical Transcription	5
MDT 112*	Clinical Practicum	6
MDT 120	Advanced Medical Terminology	1
MDT 125	Pharm Concepts in Med Trans	<u>1</u>
		13
	TOTAL SEMESTER HOURS	25

MEDICAL TRANSCRIPTION PART TIME OPTION

Fall Semester

MDT 1020	Beginning Medical Terminology Part A	2
MDT 1030	Anatomy Concepts in Med Trans Part A	1
MDT 1040	Beginning Medical Transcription Part A	3
MDT 105	Medical Transcription Procedures	1

Spring Semester

MDT 1021	Beginning Medical Terminology Part B	1
MDT 1031	Anatomy Concepts in Med Trans Part B	1
MDT 1041	Beginning Medical Transcription Part B	2
MDT 110	Computer Concepts*	1

Fall Semester

MDT 111	Advanced Medical Transcription	5
MDT 120	Advanced Medical Terminology	1
MDT 125	Pharm Concepts in Med Trans	1

Spring Semester

MDT 112	Clinical Practicum**	<u>6</u>
TOTAL HOURS		25

*MDT 110 must be taken during first semester if typing speed is less than 45 WPM.

**May be taken out of sequence if certain criteria are met.

PLEASE NOTE: Flexible scheduling including online courses are available for a limited number of students meeting special criteria (must score at least 90% on preadmission test). Please contact the program director or visit our website at www.rscclcc.tn.us/mdt for specific details. Traditional Medical Transcription classes are held at the Oak Ridge Branch campus.

Students pursuing this certificate will be advised by the Health Science Division.

Program Deadline: July 15.

NOTE: 8 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

*Not offered on-line.

ADMISSION REQUIREMENTS FOR THE POLYSOMNOGRAPHY AND SOMATIC THERAPY PROGRAMS

Due to limited enrollment, the following special admission policies are required for the program:

1. Submit an official high school transcript or GED scores or college transcript.
2. Complete a Health Science application and submit it to the Admissions Office.
3. Complete an RSCC application and admission requirements for special student category.
4. Take an admission test.
5. All qualified applicants will be interviewed prior to admission.

MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ACCEPTANCE. Preference will be given to Tennessee residents.

Applications should be submitted by the third Friday in January for Somatic Therapy, and by July 15 for Polysomnography for the applicant to have priority consideration for entrance into the program for the following fall semester. Incomplete applications will not be processed. Any applications received after the deadline will be considered by the Health Science Admissions Committee on a space available basis. All transcripts must be received in the Records Office by the application deadline.

Retention Policies

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 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.

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 Nursing and the office of the Dean of Student Services and Multicultural Affairs.

Readmission Procedures

1. A student may be considered for readmission to a Health Science program if all of the following criteria are met:
 - a. The applicant must complete a Health Science application and submit it to the Admissions Office.
 - b. Only one readmission to a Health Science program is permitted.
 - c. The applicant must interview with the program director of the specific program before the date of the review of the Admissions Committee for consideration for readmission. An acceptable level of 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.
 - d. A student must repeat the specialty course or courses for which he/she was dismissed and attain a “C” or better. Students may repeat a course only once, and on a space available basis.
 - e. Readmission to a Health Science program is contingent upon the availability of space.
2. Final selection of students will be made by the Health Science Admissions Committee.

POLYSOMNOGRAPHY

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.

All general education classes (bold print) can be taken prior to being accepted, or in the suggested sequence below after being accepted into the program.

Fall Semester

PSG 101	Polysomnography I	4
PSG 104	Sleep Disorders Diagnosis & Treatments	4
HIT 107	Medical Terminology	<u>3</u>
		11

Spring Semester

PSG 107	Polysomnographic EKG Interpretation	3
PSG 111	Polysomnography II	4
PSG 116	Polysomnographic Interpretation	3
PSG 120	Clinical	<u>3</u>
		13

Summer Semester

PSG 125	Clinical II	<u>5</u>
	TOTAL SEMESTER HOURS	29

*Although there are day and night shift positions, the majority of positions are night shift.

**It is highly recommended that interested applicants complete HIT 107, ♦ COLL 1020, tour a sleep center, and observe a polysomnogram (sleep study) prior to beginning the program.

Students pursuing this certificate will be advised by the Health Science Division.

Program Deadline: Last working day in May.

NOTE: 9 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

SOMATIC THERAPY (MASSAGE THERAPY)

Somatic therapy is a nine-month certificate program to prepare students for entry level careers in the growing field of massage, bodywork and somatic therapies. Graduates will be eligible for a Tennessee Massage Therapy License and eligible to sit for the National Certification in Therapeutic Massage and Bodywork Examination.

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.

Somatic 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.

Enrollment is limited. All Somatic Therapy courses are taught at the Oak Ridge Branch Campus.

Fall Semester

MAS 102	Practice Issues	1
MAS 105	East Asian Massage & Bodywork	2
MAS 110	Massage Anatomy, Phys & Path I	3
MAS 116	Mind, Body & Ethics	2
MAS 119	Public Outreach for Massage	2
MAS 120	Swedish Massage	3
MAS 123	Overview of Somatic Therapies	<u>2</u>
		15

Spring Semester

MAS 112	Massage Anatomy, Phys & Path II	3
MAS 130	Neuromuscular Therapy	4
MAS 135	Massage for Special Populations	2
MAS 151	Massage Business and Marketing	1
MAS 152	Clinical Massage Practice	<u>2</u>
		12
	TOTAL SEMESTER HOURS	27

Students pursuing this certificate will be advised by the Health Science Division.

Program Deadline: Third Friday in January.

NOTE: 9 credit hours must be completed at Roane State in order to meet the graduation residency requirement. (See page 57)

COURSE DESCRIPTIONS

The courses are listed in the following format:
description, course number, course title, semester hours (credits)
brief description, and term in which it is normally taught.

F = Fall
Sp = Spring
Su = Summer

ALLIED HEALTH

***ALH 210—Cultural Diversity in Health and Illness 3 Credits**

This course is a study of cultural differences in health care beliefs. Human responses to health and illness will be studied in selected cultural groups.

3 hours lecture

ALH 240—Care at the End of Life 3 Credits

This course provides guidance for end of life care including aspects of the family as the unit of care, the role of the health care professional as advocate, the impact of cultural influences, financial issues, and provision of comfort and symptom management for the dying patient.

ALH 245—Toward Healthy Aging 3 Credits

Addresses the many factors of healthy aging, including activity, self esteem, nutrition, sexuality and cultural diversity. May be use for elective credit only.

ALH 246—Psychological Aspects of Aging 3 Credits

Addresses the psychological components common in aging adults, including depression, grief, loneliness, isolation and suicide. Discusses cognitive dysfunction, organic problems and common intervention strategies such as group therapy, peer support, and psychotropic medications. May be used for elective credit only.

ALH 247—Physical Assessment 3 Credits

Explores physical changes associated with normal aging and the specific needs that accompany these changes. Discusses skills needed for assessment of the changes and pharmacological management of them. Additional discussions focus on laboratory values and their implications. May be used for elective credit only.

ALH 248—Chronic Illness. 3 Credits

Identifies factors of chronic illnesses, preventive measures, and interventions for maximum functioning for daily living. May be used for elective credit only.

ALH 250—Leadership in Health Care 4 Credits

This sixty-hour course is designed for the individual who wants an enriched career in health care, especially if management is in their future. Health Care Leadership allows health care professionals to attain exposure to many “non-clinical” skills, tools and techniques that those in leadership positions must possess in order to succeed. This course also provides a forum to share problems with other health care leaders. Students will examine the leadership challenges of health care, how to construct a customer-focused organization, the tools utilized by effective leaders, and finance for non-financial managers.

***ALH 254—Human Cross-Sectional Anatomy 3 Credits**

A study of the human body in a cross-sectional context. Emphasis will be placed on major anatomical features and radiologic landmarks. Students also explore soft tissue details as resolution allows. This course will serve to prepare students for conventional tomographic radiology, computer tomography, position emission tomography, magnetic resonance scanning and ultrasonography. (Crosslisted with BIOL 2540) Sp

3 hours lecture—demonstration exercises

*This course does not meet any curricular requirements for any program, with the exception of the technical requirement for the A.A.S. General Technology program.

ANIMAL SCIENCE

- ASC 101—Animal Science 4 Credits**
 General principles of the livestock industry with emphasis on management, breeding, feeding, and care of dairy cattle, horses, beef cattle, sheep, and swine. (Does not fulfill natural/physical science sequence.)
- ASC 110—Fundamentals of Horsemanship I 1 Credit**
 This course introduces the student to proper riding, handling, mounting and dismounting. The emphasis of the course will be upon the care of the horses. May be substituted for a physical education elective. A special course fee may be required for this course. Please consult the Semester Class Schedule for specific fee information.
- ASC 120—Fundamentals of Horsemanship II 1 Credit**
 This course is a continuation of ASC 110. May be substituted for a physical education elective. (Prerequisite: ASC 110 or consent of instructor.) A special course fee may be required for this course. Please consult the Semester Class Schedule for specific fee information.
- ASC 130—Theory of Horsemanship 3 Credits**
 A discussion of the evolution, history, breeding and basic requirements in owning and caring for pleasure horses as a personal riding mount.
- ASC 140—Stable Management 3 Credits**
 Management of a teaching and training stable and the preparation of horses and riders for the show ring.

ART

- ART 101—Studio Fundamentals: Drawing 2 Credits**
 Development of observational skills and perception of reality. Fundamental aspects of drawing—line, tone, space, form, and composition. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. F
 2 hours lecture—2 hours laboratory
- ART 102—Studio Fundamentals: Two Dimensional Design 2 Credits**
 Surface composition and color. Primarily for art, architecture, interior design, and art education majors. Additional work may be required outside class. Sp
 2 hours lecture—2 hours laboratory
- ART 103—Studio Fundamentals: Three Dimensional Design 2 Credits**
 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. F, Su
 2 hours lecture—2 hours laboratory
- ◆ **ART 1030—Art Appreciation 3 Credits**
 Form and meaning in the visual arts, lecture-discussion. Especially for non-majors. F, Sp
- ◆ **ART 104—Introduction to Illustration 3 Credits**
 Illustration is a design-related career field dealing with the production of pictorial material accompanying and enhancing text through the rendering of scenes, objects and people. Illustration may also include producing maps, charts and diagrams.
 2 hours lecture—2 hours laboratory
- ◆ **ART 105—Illustration II 3 Credits**
 A continuation of ART 104 with a more self-actualized course of instruction.
 2 hours lecture—2 hours laboratory
- ◆ **ART 111—Drawing I: Survey of Drawing 3 Credits**
 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.
 2 hours lecture—2 hours laboratory

- ◆ **ART 113—Painting I: Introduction** **3 Credits**
An introduction to the techniques, materials, and tools of oil and acrylic painting. F, Sp
3 hours lecture—3 hours laboratory
- ◆ **ART 114—Painting II** **3 Credits**
A continuation of ART 113 with an emphasis on individual experimentation. F, Sp
3 hours lecture—3 hours laboratory
- ◆ **ART 131—Photography I** **3 Credits**
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. F, Sp
3 hours lecture—3 hours laboratory
- ◆ **ART 132—Photography II** **3 Credits**
Individual research in specific photographic topics. (Prerequisite: ART 131) Some additional fees for supplies may be required. F, Sp
- ◆ **ART 140—Introduction to Industrial Design** **3 Credits**
Introduction to sculptural forms and techniques. A studio course exploring artistic expression in three-dimensional space. (Prerequisite: ART 103)
2 hours lecture—2 hours laboratory
- ◆ **ART 141—Beginning Graphic Design** **3 Credits**
Survey of graphic design; tools, materials, techniques; lettering, and use of type; layout and design. Some additional work may be required outside class. (Prerequisites: 101, 102, 103) F
2 hours lecture—2 hours laboratory
- ◆ **ART 142—Computer Art** **3 Credits**
Introduction to various applications of Computer Graphics and an overview of examples produced with the newest technology. Hands-on experience in working with microcomputer 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
3 hours lecture
- ◆ **ART 143—Computer Art II** **3 Credits**
Advanced exploration of computer applications and graphic design for pagination, presentation, illustration, three dimensional modeling, or animation. 3 credit hours. 1 hour lecture, 1 hour per week required lab internship, 4-6 hours per week (minimum) computer lab time. (Prerequisite: ART 142) F, Sp
- ◆ **ART 144—Computer Art III** **3 Credits**
Continuation of ART 143.
- ◆ **ART 145—Computer ART IV** **3 Credits**
Continuation of ART 144.
- ◆ **ART 147—Industrial Design II** **3 Credits**
Continuation of ART 140.
2 hours lecture—2 hours laboratory
- ◆ **ART 151—Ceramics I: Handbuilding** **3 Credits**
All ceramic handbuilding 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
- ◆ **ART 152—Ceramics II: Throwing** **3 Credits**
Thrown ceramic forms including functional utilitarian pottery techniques, glazing and firing methods. Some work outside class may be required. (Prerequisite: ART 151)
3 hours lecture—3 hours laboratory

- ◆ **ART 161—Printmaking I** **3 Credits**
An introductory survey of printmaking with studio experience in intaglio, monotype, relief and collography.
- ART 181—Visions Seminar I** **2 Credits**
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
- ART 182—Visions Seminar II** **2 Credits**
Continuation of ART 181.
- ART 183—Visions Seminar III** **2 Credits**
Continuation of ART 182.
- ◆ **ART 191—Practicing Artists Seminar** **3 Credits**
Visiting artists who have achieved mastery in a wide variety of computer applications or areas of production such as graphic design, illustration, three dimensional modeling, animation and simulation will conduct each class. Sp
- ◆ **ART 201—Survey of Art History I** **3 Credits**
Survey of major monuments in Western art, with an emphasis on the art of Europe from prehistory through the Middle Ages. F
- ◆ **ART 202—Survey of Art History II** **3 Credits**
Survey of major monuments in Western art, with an emphasis on Europe and America from 1400 to the present. Sp
- ◆ **ART 203—Survey of Contemporary Art** **3 Credits**
History of development of modern art from Impressionism through present day movements. F
- ◆ **ART 205—Web Graphics I** **3 Credits**
Design and development of graphics for the World Wide Web.
- ◆ **ART 206—Web Graphics II** **3 Credits**
Continuation of ART 206.
- ◆ **ART 207—Animation I** **3 Credits**
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.
- ◆ **ART 208—Animation II** **3 Credits**
This course continues with intermediate 3D animation and modeling including topics such as hierarchical animation, animation graphs and more advanced script development.
- ◆ **ART 209—Animation III** **3 Credits**
Advanced topics in 3D modeling/animation, composition and the development of independent creative work.
- ◆ **ART 211—Watercolor I: Introduction** **3 Credits**
Techniques, materials, and tools of transparent watercolor. A minimum of two hours painting outside class will be required. (Prerequisites 101, 102, 103 for art majors, none for non-art majors) Sp
2 hours lecture—2 hours laboratory
- ◆ **ART 212—Watercolor II** **3 Credits**
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. Sp
2 hours lecture—2 hours laboratory

ART 221—Portfolio Preparation 2 Credits

This course emphasizes (1) preparation of portfolio, demo reel, multimedia CD or sample book, (2) preparation and monitoring of the internship experience, and (3) preparation and completion of the six proficiency tests required in the CAD degree.

ART 2140—Digital Support Graphics 3 Credits

Development of design knowledge and productivity with digital tools for the creation of support graphics. Students will acquire proficiency in the creation of raster graphics, vector graphics, charting, and pagination. The harvesting of graphic imagery through scanning, digital photography and the legal use of archives and web resources will also be introduced. Emphasis will be placed on the creative manipulation of graphics, and the creation of graphic solutions that are appropriate and printable for specific projects.

ASTRONOMY**◆ ASTR 1010—Introduction to Astronomy I 4 Credits**

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. F

3 hours lecture—3 hours laboratory

◆ ASTR 1020—Introduction to Astronomy II 4 Credits

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. (Prerequisite: ASTR 1010) S

3 hours lecture—3 hours laboratory

BIOLOGY

For a student to receive credit for a biology course, the lecture section must be accompanied by a laboratory session during the same semester.

◆ BIOL 1110—General Biology I 4 Credits

Biochemistry of cell function, plant and animal anatomy and physiology. F, Sp, Su

3 hours lecture—2 hours laboratory

◆ BIOL 1120—General Biology II 4 Credits

Plant and animal reproduction, genetics, evolution, ecology and behavior. ◆BIOL 1110 recommended, but not required to be taken in sequence. F, Sp, Su

3 hours lecture—2 hours laboratory

BIOL 1130—Introduction to Radiation Biology 3 Credits

Introductory study of the structure and function of the human body with emphasis on basic concepts important to understanding the effects of radiation and other environmental considerations on various target body systems. (Prerequisite: ◆BIOL 1110) Sp

◆ BIOL 2010—Human Anatomy and Physiology I 4 Credits

A study of basic biological chemistry, cellular structure and function (including cellular respiration protein synthesis and cell division), histology, and integumentary, skeletal and the nervous system. The laboratory will provide experiments to illustrate principles covered in lecture. Note: Students are to bring latex or rubber gloves to the 1st class session. F, Sp

3 hours lecture—3 hours laboratory

BIOL 2011—Environmental Science 3 Credits

A course which takes an ecological approach in analyzing the impact of human activities upon natural systems. Attention is given to scientific resource management principles in such areas as forestry, wildlife, soils, and water. (This course fulfills the 3 hour science requirement in various career education programs such as Business Management Technology and Office Administration. Course credit cannot be received for both ♦BIOL 2011 and GGY 211.) F, Sp

♦BIOL 2020—Human Anatomy and Physiology II 4 Credits

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. (Prerequisite: ♦BIOL 2010, Human Anatomy and Physiology I) Note: Students are to bring latex or rubber gloves to the 1st class session. Sp

3 hours lecture—3 hours laboratory

BIOL 2110—Field Biology 3 Credits

An elective field-oriented course covering fauna and flora identification, basic ecological principles, and outdoor skills. This course will generally be offered as a two week camping experience. A special fee will be assessed to cover equipment, food, and transportation.

♦BIOL 2120—Cell Biology 4 Credits

A study of Cellular structure and function including cell membranes, organelles, extracellular matrix, enzymes, cell cycle, DNA replication, Transcription, translation, and control of gene expression. Special topics include molecular biology, cancer biology, immunology, and cellular communication. (Prerequisites: ♦BIOL 1110, 1120 or the equivalent of 2 years of high school biology and ♦CHEM 1010 and 1020) F

3 hours lecture—3 hours laboratory

♦BIOL 2130—General Genetics 4 Credits

Classical and modern principles of heredity; laboratory experiments involving a variety of organisms. (Prerequisites: ♦BIOL 1110, 1120, or the equivalent of 2 years of high school biology and satisfactory ACT scores, or consent of instructor; ♦CHEM 1110, 1120 and ♦BIOL 1110, 1120 recommended) Sp

3 hours lecture—3 hours laboratory

♦BIOL 2230—Microbiology 3 Credits

An introductory course in microbiology dealing with bacteria, fungi, yeast, and viruses to include discussions of cell structure, identification, taxonomy, metabolism, genetics, resistance, infection, disease, and immunity. (Prerequisite: ♦BIOL 1110 or 2010 or equivalent college level biology) F, Sp, Su

2 hour lecture—2 hour laboratory

♦BIOL 2530—General Ecology 4 Credits

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) F, Sp

3 hours lecture—2 hours laboratory/field work

BIOL 2540—Human Cross-Sectional Anatomy 3 Credits

A study of the human body in a cross-sectional context. Emphasis will be placed on major anatomical features and radiologic landmarks. Students also explore soft tissue details as resolution allows. This course will serve to prepare students for conventional tomographic radiology, computer tomography, position emission tomography, magnetic resonance scanning and ultrasonography. F

3 hours lecture—demonstration exercises

BIOL 2510-2690—Independent Scientific Investigation 2 Credits

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)

BUSINESS AND COMMERCE

- BUS 101—Introduction to Business 3 Credits**
Orientation course designed to give an overall view of business as a framework for further detailed study into accounting, data processing, marketing, management, etc. Included are vocational/career opportunities, business terminology, and the functions that are used in the business process. F, Sp, Su
- BUS 111—Business Mathematics 3 Credits**
A course dealing with mathematics as applied to business operations. Included are mathematics of trading, operating, finance, ownership and investment, and summary and analysis. F, Sp
- BUS 112—Personal Finance 3 Credits**
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. F, Sp
- BUS 201—Principles of Real Estate I 2 Credits**
A fundamental real estate course covering the basic laws and principles of Tennessee Real Estate, giving understanding, background, and terminology necessary for advanced study in specialized courses. This course and BUS 206 satisfies the state commission of real estate's prerequisite for Affiliate Broker's license examination. (Corequisite: BUS 206)
- BUS 206—Principles of Real Estate II 2 Credits**
A continuation of BUS 201. (Corequisite: BUS 201)
- BUS 208—Real Estate for New Affiliates 2 Credits**
Course topics include prospects for buying and selling, establishing and maintaining client/customer records, protocol with agents, the contract, and case study exercises.
- BUS 209—Office Brokerage Management 2 Credits**
Examination of history of agency, agency in real estate, creating agency, problems, relationships, brokerage, listing agreements, termination, property management, pricing, contractual agreements, transfer of ownership, federal regulations, state regulations, duties owed others, regulated activities, and sanctions.
- BUS 212—Just-In-Time 3 Credits**
Explains the company-wide philosophy of "only the right parts, of the best quality, in the right place, at the time" through the elimination of waste and non-value added activities; includes the Kanban system of stockless production. This course will help in the preparation for certification by the American Production and Inventory Control Society. Elective credit only.
- BUS 215—Business Ethics 3 Credits**
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.
- BUS 219—Intro to Electronic Commerce 3 Credits**
This course provides a conceptual framework for using the Internet as a commerce tool and offers students an opportunity to develop skills in electronic storefront development. Topical materials covered during class include history of the Internet, the transition of the Web into a commercial tool, the impact of e-commerce on global commerce, revenue generating activities stemming from the Internet and the World Wide Web. Requisites: Students must have Internet connectivity at home and feel comfortable with team assignments that require outside-of-class work. (Cross-listed with CST 219) F, Sp
- BUS 221—Principles of Accounting I 3 Credits**
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

- BUS 222—Principles of Accounting II** **3 Credits**
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: BUS 221; a grade of “C” or better is strongly recommended in BUS 221) F, Sp
- BUS 224—Cost Accounting** **3 Credits**
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: BUS 222; a grade of “C” or better is strongly recommended in BUS 222) Sp
- BUS 225—Income Tax Accounting—Personal** **3 Credits**
Federal income tax laws with emphasis on the preparation of returns for individuals. Both manual and computerized tax returns will be prepared. (Prerequisite: BUS 222 or permission of instructor; a grade of “C” or better is strongly recommended in BUS 222) F
- BUS 226—Income Tax Accounting—Business** **3 Credits**
Federal income tax laws with emphasis on the preparation of returns for business. Both manual and computerized tax returns will be prepared. (Prerequisite: BUS 225 or permission of instructor; a grade of “C” or better is strongly recommended in BUS 225) Sp
- BUS 227—Fund Accounting** **3 Credits**
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: BUS 222 or consent of instructor; a grade of “C” or better is strongly recommended in BUS 222) F
- BUS 230—Quality Management Seminar** **1 to 5 Credits**
Various perspectives in quality management examined. Topical material studied in course will be identified in appropriate class schedule. Sp (odd years)
- BUS 233—Intermediate Accounting** **4 Credits**
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: BUS 222; a grade of “C” or better is strongly recommended in BUS 222) F
- BUS 234—Intro to Public Relations** **3 Credits**
An introduction to the concepts of public relations, including customer expectations, internal workplace attitudes and ethics, writing press releases, seeking and receiving beneficial outside coverage, applying sound PR techniques as part of an overall strategy and ePR. Emphasis will be placed on writing skills, time management and evaluation.
- BUS 236—Negotiations/Conflict Resolution** **3 Credits**
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.
- BUS 251—Legal Environment for Business** **3 Credits**
Emphasis is placed on classification of laws, historical background of our systems of laws, duties, buying services, insurance, consumer protection, negotiable instruments, and business organization. F, Sp
- BUS 255—Microcomputing Accounting Applications I** **3 Credits**
A course designed to acquaint business management majors with common microcomputer applications in the field of accounting. (Prerequisites: BUS 221 and ♦ COLL 1020; a grade of “C” or better is strongly recommended in BUS 221) Sp

- BUS 257—Microcomputing Accounting Applications II 2 Credits**
A course designed to acquaint the student with commercial accounting software using the micro-computer for medium size companies. Includes tracking of receivables, payables, inventory, and financial statement preparation. (Prerequisite: BUS 221 and ♦ COLL 1020; BUS 255 is strongly recommended; a grade of “C” or better is strongly recommended in BUS 221) F
- BUS 261—Psychological Aspects of Management 3 Credits**
This course applies psychological principles to business and other organizations concerned with effective management. Topics covered include leadership and supervision; communications and human relation skills; scientific and humanistic management and motivation skills, group dynamics and coping with change. F, Sp
- BUS 262-270—Business Seminar 1 to 4 Credits**
Exploration of specialized business interests. Topical material studied in course will be identified in the class schedule.
- BUS 271—Sales 3 Credits**
A course emphasizing the relationship of product and market, industrial and consumer sales, methods of market analysis, sales and sales methods. F, Sp
- BUS 272—Retailing 3 Credits**
A study of the principles and practices of retailing including planning, policies, and procedures of distribution. Sp
- BUS 273—Principles of Marketing 3 Credits**
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. F, Sp
- BUS 274—Marketing Opportunity Analysis 3 Credits**
The purpose of this course is to provide a link between theory and practice by evaluating current and future market conditions in order to identify marketing opportunities. This is accomplished by introducing the student to patterns and plans which integrate the major goals, policies, and action sequences of the organization into a cohesive whole, allocating its resources into a unique posture within the internal and external environmental conditions. Students will be able to devise a marketing plan which exploits the opportunity so identified. They will also be able to estimate the consequences of implementing this plan. (Elective credit only)
- BUS 278—Entrepreneurship 3 Credits**
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. Sp
- BUS 281—Management and Supervision 3 Credits**
This two course sequence 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. F, Sp
- BUS 284—Management Seminar 3 Credits**
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. Sp

CARDIOVASCULAR INTERVENTIONAL TECHNOLOGY***CIT 101—Procedures I 3 Credits**

This course covers an overview of anatomy and physiology, practical applications of interventional procedures, vascular correlations, and surgical intervention for specific disease processes.

3 hours lecture

***CIT 110—Procedures II 3 Credits**

This course covers theory and practice of physiological monitoring, emergency care, and pharmacology.

3 hours lecture

***CIT 120—Procedures III 3 Credits**

An overview of patient care and legal considerations, equipment and instrumentations, image quality and control, sterile techniques and isolation procedures.

3 hours lecture

***CIT 150—CIT Review 3 Credits**

This course provides the Radiologic Technologist with CIT experience, an extensive review to sit for the ARRT examination in Cardiovascular Interventional Technology.

3 hours lecture

*This course does not meet any curricular requirements for any program, with the exception of technical requirement for the A.A.S. General Technology program.

CHEMISTRY

To receive credit for a chemistry course, the lecture section must be accompanied by a laboratory session during the same semester.

◆ CHEM 1000—Fundamentals of Chemistry 4 Credits

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. It can be used if a sequence is not required.) (Prerequisite: 2 years of high school algebra or DSPM 0850 - Intermediate Algebra) F, Su

3 hours lecture—3 hours laboratory

◆ CHEM 1010—Intro to Chemistry I 4 Credits

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. (Prerequisite: 2 years of high school algebra and 1 year high school chemistry or 2 years of high school algebra and ◆ CHEM 1000) F

3 hours lecture—3 hours laboratory

◆ CHEM 1020—Intro to Chemistry II 4 Credits

Aliphatic, aromatic, and heterocyclic organic chemistry with emphasis on structure, nomenclature, and functional groups. Introductory biochemistry concerning lipids, carbohydrates, proteins, and nucleic acids. (Prerequisite: ◆ CHEM 1010) Sp

3 hours lecture—3 hours laboratory

◆ CHEM 1110—General Chemistry I 4 Credits

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. (Prerequisite: 2 years of high school algebra and 1 year high school chemistry or 2 years of high school algebra and ◆ CHEM 1000) F, Sp

3 hours lecture—3 hours laboratory

- ◆ **CHEM 1120—General Chemistry II** **4 Credits**
The introduction to the studies of electrolytes, colligative properties, oxidation-reduction, chemical thermodynamics and thermochemistry, molecular and ionic equilibrium, chemical kinetics and electrochemistry. (Prerequisite: CHEM 1110)
3 hours lecture—3 hours laboratory
- ◆ **CHEM 2010—Organic Chemistry I** **4 Credits**
A study of the properties, preparations, reactions, and spectroscopy of aliphatic and aromatic compounds, including reaction mechanisms and the relationship between structure and reactivity. (Prerequisite: ◆CHEM 1120) F
3 hours lecture—3 hours laboratory
- ◆ **CHEM 2020—Organic Chemistry II** **4 Credits**
A continuation of ◆CHEM 2010, covering carbanion condensations, heterocyclics, fats, carbohydrates, amino acids, and proteins. (Prerequisite: ◆CHEM 2010) Sp
3 hours lecture—3 hours laboratory
- ◆ **CHEM 2021—Quantitative Analysis** **5 Credits**
The study of the basic theories of quantitative analysis, with stress on the theories of neutralization, precipitation, volumetric, and gravimetric analysis. (Prerequisite: ◆CHEM 1120) Sp, on demand
3 hours lecture—6 hours laboratory
- ◆ **CHEM 2110—Qualitative Analysis** **4 Credits**
Theory and practice of qualitative analysis, chemical equilibrium and solubility product. Laboratory practice in the identification of the major cations and anions. (Prerequisites: ◆CHE 1110, 1120)
3 hours lecture—3 hours laboratory
- CHEM 2350—Chemistry of the Radioisotopes** **3 Credits**
Introduction to the theory of nuclear stability and nuclear decay processes. Detection, safe handling and use of radioisotopes will also be studied. (Prerequisite: ◆CHEM 1120) Sp
3 hours lecture
- CHEM 2400—Internship-Environmental Chemistry** **5 Credits**
This work experience is designed to familiarize students with applications of environmental chemistry. Efforts will be made to place students in an area which supports their career goals. (A minimum of 300 contact hours are required.) No student may enroll in an internship unless the approval of the instructor is granted. Offered as needed.
- CHEM 2420—Internship-Analytical Chemistry** **5 Credits**
This work experience is designed to familiarize students with applications of analytical chemistry. Efforts will be made to place students in an area which supports their career goals. (A minimum of 300 contact hours are required.) No student may enroll in an internship unless approval of the instructor is granted. Offered as needed.
- CHEM 2310-2590—Independent Scientific Investigation** **3 Credits**
Independent laboratory/library research in chemistry by qualified students under the supervision of a faculty member. Especially designed to develop interest and to apply techniques of scientific research. Up to six credit hours may be earned. (Prerequisite: Consent of the faculty member)

COLLEGE STUDIES

- ◆ **COLL 1020—Computer Concepts & Applications** **3 Credits**
An introductory course including fundamental computer concepts, terminology, and applications. Included in this course is a basic familiarization with a microcomputer, an operating system, and the more popular microcomputer application such as word processing, spreadsheets, and others.
F, Sp, Su

COMPUTER SCIENCE TECHNOLOGY

To receive credit for CST 201, 211, and 261 the lecture section must be accompanied by a laboratory section during the same semester. Students selecting the Computer Science Option may expect programming or lab assignments requiring 9 or more hours of computer use per week.

CST 103—Computer Presentations 3 Credits

An introductory course in the use of presentation software such as Powerpoint and Harvard Graphics. Preparation of graphs, charts, slides, and transparencies is included. Students are required to make oral and written presentations with the use of presentation software. (Prerequisite: ♦ COLL 1020) F, Sp

CST 105—Database Management 3 Credits

Database system design, implementation, querying and application development using visual basic in a microcomputer environment. SQL techniques are included. Course integrates the database functions of spreadsheets and spreadsheet macros during the coverage of database system applications. (Prerequisite: ♦ COLL 1020) F, Sp

CST 109—Introduction to Programming 3 Credits

An introductory course using the C programming language. Topics include C syntax, top-down program development, predefined C functions, user-defined functions, repetition statements, arithmetic operators and operator precedence and associativity, variable declarations and assignment statements, C data types including pointer variables, passing, storing and using addresses, relational and logical operators, decision statements, and arrays. Good program documentation is emphasized. (Prerequisite-reading and math requirements have been completed in Academic Development. Students completing the Computer Science Option in the A.A.S. Business Management Technology Program must take ♦ COLL 1020 as a corequisite with CST 109 or instructor's approval.) F, Sp

2 hours lecture—2 hours laboratory

CST 135—Spreadsheets 3 Credits

Designed to introduce students to fundamental operations of a spreadsheet including formula development, graphics, data base management, and design. Course will expose students to windows based spreadsheet such as Excel. F, Sp

CST 156—Beginning Internet 3 Credits

Introduces students to services and information featured on the Internet, with an emphasis on using the Internet effectively for research. (Prerequisite: Adequate keyboarding and computing skills. OAD 100 and ♦ COLL 1020 or CST 140 recommended) F, Sp

CST 161—Introduction to Internet and Web Page Design 3 Credits

This course explores the vast personal, educational, and business resources available on the Internet. Topics covered in the class include Internet history, connectivity hardware and software, business, entertainment, and educational uses of the Web, the Web as a research tool, and Web page design.

CST 170—MS Word—Core 3 Credits

This course prepares students for the MOS Core level exam in MS Word 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC skills including basic working knowledge of MSWindows.)

CST 171—MS Word—Expert 3 Credits

This course prepares students for the MOS Expert level exam in MS Word 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC Skills including basic working knowledge of MSWindows and a skill level in MS Word 2000 at the core certification level.)

CST 172—MS Excel—Core 3 Credits

This course prepares students for the MOS Core level exam in MS Excel 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC skills including basic working knowledge of MS Windows.)

CST 173—MS Excel—Expert 3 Credits

This course prepares students for the MOS Expert level exam in MS Excel 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC skills including basic working knowledge of MS Windows and a skill level in MS Excel 2000 at the core certification level.)

CST 174—MS Powerpoint—Core 3 Credits

This course prepares students for the MOS Core level exam in MS PowerPoint 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC skills including basic working knowledge of MS Windows.)

CST 175—MS Access—Core 3 Credits

This course prepares students for the MOS Core level exam in MS Access 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC Skills including basic working knowledge of MS Windows.)

CST 176—MS Outlook—Core 3 Credits

This course prepares students for the MOS Core level exam in MS Outlook 2002. Topics covered include all of the skills, techniques, processes, and methods as required for the certification exam. Also included in the course are test taking skills and simulated practice exams. (Prerequisites: Basic PC skills including basic working knowledge of MS Windows.)

CST 203—Data Structures 3 Credits

A continuation of Introduction to Programming I and the C Language. Course content includes coverage of dynamic memory allocation and data types such as pointers, strings, linked lists, user-defined types, and other characteristics of data structures. Also included is an introduction to object oriented programming using the C++ Language. (Prerequisite: CST 109) Sp
2 hours lecture—2 hours laboratory

CST 204—Database Management II 3 Credits

This course builds on the basic database-designing experience students gained in Database Management I. By use of conceptual modeling, students will learn normalization techniques and relational algebra as well as file structures, data elements, concurrency, and security issues. In practice, they will design and implement database constructs and write code in Visual Basic and SQL. (Prerequisites: COLL 1020, CST 105 and CST 203.) F

CST 208—Database Management Seminar 3 Credits

This course will consist only of a software project that students will develop and present to faculty members. Students will create their database from user views, script using pseudocode, perform the normalization process, create database using access or SQL server, and present the database using Power Point. (Prerequisite: CST 204) Sp

CST 209—JAVA I 3 Credits

An introductory course in Object Oriented Programming using JAVA. The JDK tool kit is used. Topics include definition of classes, constructors, methods, and instance variables. Design of classes for real world problems, overloaded constructors, overloaded methods, class methods, and class instance variables. Vectors, arrays, looping, and selection are implemented. Super classes and subclasses with the issues of inheritance are discussed. Polymorphism is covered. Applets and graphic user interface using class libraries of JDK are implemented. (Prerequisite: One semester of programming or CST 109.)

2 hours lecture—2 hours laboratory

- CST 212—Visual Basic .Net 3 Credits**
Exposure to the .Net environment to develop applications software and programming techniques beyond those covered in CST 105 Database Management and 209 GUI Programming I. (Prerequisite: CST 105, CST 209 or computer science advisor's approval) Sp
- CST 214—PC Repair and Software Setup 3 Credits**
Maintenance and configuration of microcomputers including installation of drives, memory, NICS, sound cards, UPS, modems, and other hardware. Installation of operating systems and communications and other software is covered. Diagnostic software is used and good preventive maintenance practices are emphasized. F, Sp
- CST 215—Operating Systems 3 Credits**
In depth experience on the operations of DOS, Unix, VMS, and Windows operating system. Students learn to apply, navigate through, and use operating system commands and directory structures. (Prerequisite: COLL 1020, CST 214 or Computer Science advisor's approval) F
- CST 218—JAVA II 3 Credits**
A continuation course in Object Oriented Programming using JAVA. The JDK tool kit is used. A reminder of the concepts of super classes, subclasses with the issues of inheritance and polymorphism developed in CST 209. The course focuses on recursive problem solving throughout many applications and data structures. It compares sequential data structures implementation to recursive data structures implementation. The data structures used and implemented are Stacks, Queues, Lists, and Trees. (Prerequisite: CST 209.)
- CST 219—Intro to Electronic Commerce 3 Credits**
This course provides a conceptual framework for using the Internet as a commerce tool and offers students an opportunity to develop skills in electronic storefront development. Topical materials covered during class include history of the Internet, the transition of the Web into a commercial tool, the impact of e-commerce on global commerce, revenue generating activities stemming from the Internet and the World Wide Web. Requisites: Students must have Internet connectivity at home and feel comfortable with team assignments that require outside-of-class work. (Cross-listed with BUS 219) F, Sp
- CST 220—Enterprise Computing 3 Credits**
An advanced course of managing an enterprise and its resources from a single JAVA program. It includes topics like resource sharing using SDK. Portlets are also implemented and discussed. JAVA Serve Pages are implemented. JAVA Beans and Enterprise JAVA Beans are used. JAVA networking like CORBA and RMI are discussed and implemented. (Prerequisite: CST 209.)
- CST 221-229—Seminar in Computer Applications 1-4 Credits**
Covers special topics in computer applications. Check with your academic advisor for courses offered each semester.
- CST 230—Software Engineering I 3 Credits**
This course is the study of software engineering practices within the context of a standardized Information System (IS) Architecture. The focus of the course is the knowledge, skills and practices required to become a fully functional systems analyst. Topics include the IS development life-cycle; IS development methods; project management; IS quality metrics; data modeling and process modeling; and the application and use of a Computer Aided Software Engineering (CASE) tool. (Prerequisites: CST 105 or CST 109) F, Sp
2 hours lecture—2 hours laboratory
- CST 232—Software Engineering II 3 Credits**
This course covers the software design process. The result detailed design specification is suitable for implementation on a target computer system. The design of both data and processes is covered with emphasis on the development of application and database models, and rapid application development and prototyping. Knowledge and skills in design modeling are accomplished within the Software Engineering framework taught in CST 230. Documentation of the software design specification is captured in a Computer Aided Software Engineering (CASE) tool. (Prerequisite: CST 230) Sp
2 hours lecture—2 hours laboratory

- CST 272—Basic Networking 3 Credits**
 Networking hardware—network cards, communication media, repeaters, bridges, routers and hubs are studied. Networking types, topologies and their characteristics are examined. Various standards, protocols and models are also covered. (Prerequisite: ♦ MATH 1910)
- CST 273—Advanced Networking 3 Credits**
 This course is a continuation of Basic Networking. Advanced Network Design, Network Management, and future networking technologies will be examined. TCP/IP and its utilities are extensively covered here. (Prerequisites: CST 214 and CST 272.)
- CST 275—Unix/Linux Operating System 3 Credits**
 This course covers the essentials of installing, configuring, maintaining, administering, and troubleshooting the Linux Operating System. This course also encompasses a complete coverage of the Unix, including shells, utilities, X-windows and networking. (Prerequisites: CST 215 and CST 272)

COMPUTED TOMOGRAPHY

- *CTR 110—Computed Tomography 3 Credits**
 This course is designed to prepare the Radiologic Technologist with CT experience to take the advanced level examination in Computerized Tomography administered by the American Registry of Radiologic Technologists.
 3 hours lecture

*This course does not meet any curricular requirements for any program, with the exception of technical requirement for the A.A.S. General Technology program.

COOPERATIVE EDUCATION

- COE 101—Cooperative Education I 3 Credits**
- COE 102—Cooperative Education II 3 Credits**
- COE 201—Cooperative Education III 3 Credits**
- COE 202—Cooperative Education IV 3 Credits**
 A sequence of 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 appropriate 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 in the Counseling and Career Resource Center, or visit the Roane State homepage at RSCC.CC.TN.US

CRIMINAL JUSTICE

- CRJT 101—Introduction to Criminal Justice 3 Credits**
 Philosophical and historical background; agencies and respective jurisdictions; police ethics, public relations and career orientation. F
- CRJT 105—Introduction to Corrections 3 Credits**
 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. Sp
- CRJT 110—Juvenile Delinquency 3 Credits**
 A study of new attempts geared toward the rebellious youthful offenders in the areas of treatment, experimentation, innovative programs, and theories of causation. F, Su

- CRJT 111—Criminal Procedure** 3 Credits
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. Sp
- CRJT 112—Court Procedures** 3 Credits
An introduction and study of court procedures and specifically rules of evidence for all career areas of the criminal justice systems. Content will range from the basic considerations of relevancy through qualifications of witnesses to specific evidential problems. Sp
- CRJT 201—Police Administration and Organization** 3 Credits
A study of police organizations, their hierarchical structure, techniques of administration and management utilized in standard police organizations with emphasis on problems of supervision, responsibility and control of police units. F
- CRJT 213—Criminal Investigation** 3 Credits
Fundamentals of criminal investigation procedures; crime scene search and recording, collecting and preserving evidence; scientific and technical aids; case preparation. F, Su
- CRJT 221—Criminal Law** 3 Credits
An introduction to the theory and practice of basic scientific techniques utilized in the investigation and solving of crime. The procedures which will be presented by means of classroom lectures, demonstration sessions and practical laboratory periods will emphasize the proper handling and examination of evidence, fingerprinting, photography, glass fractures, casts and molds, narcotics and preparations, and crime scene searches. Sp, Su
- CRJT 231—Seminar in Police Problems** 3 Credits
A course designed to consolidate the various learning experiences in police science. Emphasis is placed on special problems. Sp

DENTAL HYGIENE

NOTE: All DHT courses must be taken in appropriate sequence, as listed in the degree checklist. Admission to the Dental Hygiene Technology program is required prior to taking any DHT courses.

- DHT 101—Preclinical Dental Hygiene** 5 Credits
This course introduces the student to basic concepts and techniques of performing oral health services. The student will demonstrate knowledge and skill of learned techniques in a supervised preclinical setting. F
3 hours lecture—8 hours laboratory/week
- DHT 111—Dental Science I** 3 Credits
This course covers topics in tooth morphology; head, neck and oral anatomy; oral embryology and oral histology; oral and basic pathology; periodontology. F
3 hours lecture/week
- DHT 112—Dental Science II** 3 Credits
This course is a continuation of Dental Science I. (Prerequisites: ♦BIOL 2010 & ♦CHEM 1010)
Sp
3 hours lecture/week
- DHT 121—Clinical Dental Hygiene I** 2 Credits
Supervised clinical practice of previously learned dental hygiene techniques. S
120 total hours of clinic
- DHT 132—Dental Radiography** 3 Credits
This course covers topics in the theory, practice and interpretation of radiography. Safety concerns will be addressed. Students will demonstrate proficiency in the use of dental radiography equipment. Sp
2 hours lecture—2 hours laboratory/week

- DHT 133—General and Oral Pathology 4 Credits**
 This course covers general pathological concepts and a study of oral pathology. (Prerequisite: ♦ BIOL 2020) Su
 7 ½ hours lecture/week
- DHT 141—Principles of Dental Hygiene I 3 Credits**
 This course is a continuation of the concepts and techniques outlined in DHT 101. Sp
 3 hours lecture/week
- DHT 161—Biochemistry and Nutrition 3 Credits**
 This course presents the basic principles of the biochemistry of nutrition and the application of these principles to clinical Dental Hygiene. (Prerequisite: ICHEM 1010) Sp
- DHT 171—Dental Materials 3 Credits**
 This course investigates the characteristics, physical properties, manipulation, uses and care of materials used in dentistry. Su
 4 hours lecture—6 hours laboratory/week
- DHT 201—Pharmacology and Pain Control 3 Credits**
 This course includes the study of drugs used in dentistry and pain control measures used in dentistry. F
 3 hours lecture/week
- DHT 211—Dental Hygiene Seminar 2 Credits**
 This course covers topics of professionalism for the dental hygienist including legal aspects of practice, ethics and dental office practices. Sp
 2 hours lecture/week
- DHT 212—Community Health 3 Credits**
 This course covers concepts of public community health and includes field experiences in a variety of community health settings. Sp
 2 hours lecture—3 hours laboratory/week
- DHT 221—Clinical Dental Hygiene II 3 Credits**
 Continuation of the supervised clinical practice of previously learned dental hygiene techniques. F
 180 total hours of clinic
- DHT 222—Clinical Dental Hygiene III 3 Credits**
 Continuation of the supervised clinical practice of previously learned dental hygiene techniques. Sp
 180 total hours of clinic
- DHT 240—Principles of Dental Hygiene II 2 Credits**
 This course is a continuation of DHT 141. F
 2 lecture hours/week
- DHT 242—Principles of Dental Hygiene III 1 Credit**
 This course is a continuation of DHT 240. Sp
 1 lecture hour/week
- DHT 251—Periodontology 1 Credit**
 This course presents advanced concepts in the treatment of periodontal disease. F
 1 lecture hour/week

EARLY CHILDHOOD EDUCATION

- ECED 1010—Introduction to Early Childhood Education 2 Credits**
 Introduction to the early childhood profession including an emphasis on professionalism and developmentally appropriate practice. 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 to nine. Field experiences required.

ECED 2010—Safe, Healthy Learning Environments 3 Credits

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 to nine. Also included is a study of principles of creating appropriate learning environments for young children. Field experiences required.

ECED 2015—Early Childhood Curriculum 3 Credits

A study of developmentally appropriate practices and the teacher's role in supporting development of young children ages birth to nine. An emphasis on curriculum planning including goals, environment, roles of teachers and parents, materials and settings. Field experiences required. (Prerequisites: ECED 1010, 2010 or department approval.)

ECED 2020—Infant, Toddler, Child Development 3 Credits

The 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 to nine. Laboratory observation and interaction. (Prerequisites: ECED 1010, 2010 and completion of all DSP requirements for reading, writing, and learning strategies or department approval.)

ECED 2030—Infant and Toddler Care 3 Credits

A course on the care and education of infant and toddlers, birth to age three in group settings (i.e. child care centers, family child care homes, Early Head Start). Includes rationales and strategies for supporting the whole child including cognitive, language, social-emotional, and physical development in a safe, responsive environment. Emphasis is on relationship-based care and education with special attention to the unique environment aspects of programs for the child under three.

ECED 2040—Family Dynamics & Community Involvement 3 Credits

The role of the family and community in the physical, cognitive, social and emotional growth of the child in a diverse society. Includes benefits of and strategies for developing positive, reciprocal relationships with families in an early childhood setting ages birth to nine. Field experiences required. (Prerequisites: ECED 2015 or department approval.)

ECED 2050—Psychomotor Development 3 Credits

This course discusses the major theories of psychomotor development and the application to the development of the young child ages birth to nine. Particular emphasis is placed on the positive development of motor skills. Field experiences required. (Prerequisites: ECED 2020 or department approval.)

ECED 2060—Development of Exceptional Children 3 Credits

Explores practices that early childhood professionals can apply to develop a more inclusive and accessible environment for all children ages birth to nine. Provides students with skills to include children of all abilities through appropriate arrangement of the environment. Includes strategies for developing strong relationships with families and other community agencies. Field experiences required. (Prerequisites: ECED 2020 and 2040 or department approval.)

ECED 2070—Developmental Assessment 3 Credits

This course will cover assessment for children from birth to nine years of age. Both formal and informal instruments will be discussed with the emphasis on tools that can be used by teachers of young children. Considerations in choosing, administering and reporting results of assessments will also be addressed. Field experiences required. (Prerequisites: ECED 2020 or department approval.)

ECED 2080—Language and Literacy in Early Childhood 3 Credits

The research-based principles and practices for providing young children aged birth to nine a strong foundation in language and literacy within a developmentally appropriate approach. Field experiences required. (Prerequisites: ECED 2015, 2020 or department approval.)

ECED 2085—Math and Science in Early Childhood 3 Credits

A course on the standards, principles and practices in teaching mathematics and science to young children ages birth to nine. An emphasis will be placed on developing an integrated math and science curriculum that includes appropriate content, processes, environment and materials, and child-centered choices. Field experiences required. (Prerequisites: ECED 2015, 2020 or department approval.)

ECED 2090—Creative Development 3 Credits

This course provides strategies for promoting creative development of the child ages birth to nine. Students will gain an understanding of the concept of creativity: what it is, why it is important, and how the development of creativity in young children can be encouraged. Emphasis is on the development of creativity in relation to art, music, language, movement and dramatic arts. Field experiences required.

ECED 2100—The Mentoring Teacher 3 Credits

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 simultaneously addressing the needs of children, parents and other staff. (Prerequisite: department approval.)

ECED 2110—Advanced Learning Environments 3 Credits

This course focuses on the skill, knowledge, and materials development that are necessary in the provision of a developmentally appropriate environment for young children ages birth to nine. Field experiences required.

ECED 2120—Administration of Child Care Centers 3 Credits

A study of organization and administration practices applicable to the child care center. Topics of special consideration will include leadership, enrollment and public relations, staff management, financial management, facilities, regulations, parent relations, and program development. Field experiences required.

ECED 2130—Clinical Practicum I 2 Credits

Supervised practicum with a minimum of 15 clock hours in seminar and 45 clock hours in early childhood practical experiences. 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 to nine. (Prerequisite or corequisite: ECED 2100 or department approval.)

ECED 2140—Clinical Practicum II 2 Credits

Supervised clinical experience with a minimum of 15 clock hours in seminar and 45 clock hours in an approved Clinical Site (NAEYC, NAFCC or NSACA accredited agency or department approved site). Course includes emphasis on using reflective practice to examine components of quality, set goals, and design a plan for professional growth for the early childhood educator of children ages birth to nine. (Prerequisites: ECED 1010, 2010, 2015, 2040, 2130 or department approval.)

ECED 2150—Clinical Practicum III 2 Credits

Supervised practicum experience with a minimum of 15 clock hours in seminar and 45 clock hours of approved early childhood practical experiences. This course focuses on the student's demonstration of competencies that produce positive developmental outcomes for young children ages birth to nine. (Prerequisites: All required ECED courses or department approval.)

ECONOMICS**ECO 201—Principles of Economics I 3 Credits**

Conceptual framework of the free enterprise society. Quantitative description of the American economy. Economics of aggregates based on the national income accounting. Macroeconomic income determination, employment, and price level. Introductory principles of money and banking. F, Sp

ECO 202—Principles of Economics II 3 Credits

A continuation of economics with the special emphasis on microeconomics. An introduction to individual demand. Production planning and the related effect upon market structures, resource allocation, and income distribution; e.g., wages, rent, interest, and profits. Sp

EDUCATION

- EDU 100—Orientation to College 1 Credit**
Valuable information to promote the student's success in college. Includes registration and advisement procedures; financial aid; counseling and other student services; study habits; and other topics that should contribute to student success. (It is advised that EDU 100 be taken concurrently with ENG 101) F, Sp
- EDU 101—Introduction to the Teaching Profession 2 Credits**
Survey of the roles and responsibilities in the teaching profession and of current educational issues, practices, and problems. Information on employment opportunities, legal issues, and changing social expectations of educational institutions. F
- EDU 111—Introduction to Educating Exceptional Children 2 Credits**
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.
- EDU 121—Introduction to Early Childhood Education 3 Credits**
Societal factors involved in the development of early childhood education, historical perspectives, major theories and application of theories, establishing appropriate educational environments, and related issues.
- EDU 210—Child and Adolescent Development 3 Credits**
Comprehensive overview of human physical, psychological, and social development from prenatal to late adolescent development. F, Sp
- EDU 211—Educational Psychology 3 Credits**
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. Sp
- EDU 220—Creative Arts for Young Children 3 Credits**
Planning and executing appropriate developmental activities for young children in a wide range of curriculum areas.
- EDU 221, 222—Trends and Issues in Education I, II 3 Credits**
In-depth analysis of a particular topic, concern, or problem in education.
- EDU 223—Instructional Aids and Equipment 1 Credit**
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 201 and COLL 1020)
- EDU 230—Administration of Early Childhood Education Programs . . 3 Credits**
Administrative and managerial procedures relevant to the operation of early childhood education programs.
- EDU 231—Field Experiences I 2 Credits**
- EDU 232—Field Experiences II 2 Credits**
A cooperative classroom experience for the student and local school systems. Student exposure to duties, responsibilities, and requirements of the teaching profession. (Prerequisite: EDU 101 or permission of instructor) F, Sp

EMERGENCY MEDICAL TECHNOLOGY-PARAMEDIC

EMT 102—Emergency Medical Technician Basic-Part I 6 Credits (EMT Basic Part I)

Covers all emergency medical techniques currently considered to be within the responsibilities of the basic EMT providing emergency care with an ambulance service. Areas to be included are cardiopulmonary resuscitation, splinting, bandaging, medical emergencies, and childbirth. Also covered are the functions of the Emergency Medical Services, the legal aspects, emergency driving techniques, medical ethics, AED and CPR. This class meets for a total of 75 hours—30 hours are lab. (Prerequisites: Students must have a current Health Care Provider level CPR card.) F
Combination lecture/lab (5 hours/week)

EMT 106—Emergency Medical Technician Basic-Part II 6 Credits (EMT Basic Part II)

A continuation of the training course for the Basic EMT. Upon successful completion the student will have satisfied the eligibility criteria for taking the Basic EMT National Registry licensure exam given by the National Registry for EMTs. This class meets for a total of 90 hours—30 hours are lab. (Prerequisite: EMT 102; Corequisite: EMT 125)
Combination lecture/lab (5 hours/week) 2 hours clinical

*EMT 107—Vehicle Extrication and Rescue 3 Credits

This course covers all aspects of vehicle rescue, crash rescue and extrication. The course also deals with, and stresses personal safety during extrication operations. Facts on late model car structure and extrication methods and patient protection will be emphasized. Successful completion of this course allows the student to sit for the certification examination given by the Tennessee Association of Rescue Squads. F
3 hours lecture

EMT 109—First Responder 4 Credits

This initial training course in the art of pre-hospital emergency medical care follows the guidelines set by the Department of Transportation (D.O.T.). Successful completion enables the student to sit for licensure examination given by the Department of Health and Environment, Division of Emergency Medical Services. First Responders are individuals trained to assess patients, use AEDs, provide emergency care, and when necessary, move patients without causing injury. This class is 60 hours long—16 hours are lab. (Prerequisite: Students must have a current Health Care Provider level CPR card.) F, Sp, Su
Combination lecture/lab (4 hours/week)

*EMT 114—Cave Rescue 4 Credits

This course is designed to familiarize rescue and EMS personnel with the proper techniques for negotiating entrance and in-cave pits. Students will learn how to select and assemble their personal vertical and horizontal caving equipment, rig, rappel and ascend drops in a safe manner.

*EMT 115—Advanced Cardiac Life Support - ACLS 1 Credit

An introduction to common medical emergencies encountered by pre-hospital care providers. Emphasis is on the recognition and management of emergencies relating to the respiratory and cardiovascular systems. Students must show proficiency in EKG recognition and the advance treatment of the patients in cardiopulmonary arrest. Upon successful completion of this course, students will be ACLS trained by the American Heart Association. This course is available to EMTs, paramedics, nurses, respiratory therapists, and physicians.

*EMT 116—Basic Trauma Life Support - BTLS 1 Credit

A study of the assessment and treatment of victims suffering traumatic injury. Emphasis is on airway maintenance with cervical spine immobilization and currently accepted treatments for life threatening injuries related to the cardiopulmonary, musculo-skeletal, gastro-intestinal, and nervous systems. Upon successful completion of the BTLS course, students will receive certification by the Tennessee Chapter of the American College of the Emergency Physicians. This course is available to EMTs, paramedics, nurses, respiratory therapists, and physicians.

- *EMT 117—Pediatric Advanced Life Support - PALS 1 Credit**
 A study of medical and trauma emergencies as related to pediatric patients. Emphasis is on the assessment and treatment of children by the health care provider in a pre-hospital setting. Diseases commonly associated with children such as epiglottitis, croup, asthma, and febrile seizures are discussed. The specific areas of obstetrical emergencies and neonate care are included. Upon completion of the PALS course, students will receive certification by the American Heart Association. This course is available to EMTs, paramedics, nurses, respiratory therapists and physicians.
- *EMT 118—Pre-Hospital Trauma Life Support - PHTLS 1 Credit**
 A study of the assessment and treatment of victims suffering traumatic injury. Emphasis is on airway maintenance with cervical spine immobilization and currently accepted treatments for life threatening injuries related to the cardio-pulmonary, musculo-skeletal, gastro-intestinal, and nervous systems. Upon successful completion to the PHTLS course, students will receive certification by the American College of Surgeons. This course is available to EMTs, paramedics, nurses, respiratory therapists, and physicians.
- *EMT 119—Emergency Medical Dispatcher (EMD) 8 Credits**
 This course covers all aspects of Emergency Medical Dispatch curriculum, maintaining DOT standards. The course includes CPT, First Aid, Basic Telecommunication skills, and Basic EMD skills. It also includes a law enforcement and fire component. Successful completion of this course will enable students to take the State of Tennessee exam for licensure.
 6 hours lecture—2 hours clinical
- *EMT 120—Emergency Vehicles Operations Course (EVOC) 1 Credit**
 This course is for individuals who will be driving emergency vehicles. The objective is to review technical and legal responsibilities of the vehicle operator. The course reviews standard operating procedures and the state and local laws related to emergency vehicles and includes a hands-on driving lab.
- EMT 125—Extended Skills for the EMT 3 Credits**
 This course prepares the EMT student to perform skill competencies consistent with State of Tennessee EMT regulations. Content areas include intravenous access, pharmacology and medication administration for the Basic EMT. Patient assessment and airway management review included. Labs and clinical contacts are required. F, Sp
 2.5 hours lecture—5 hours clinical
- EMT 126—Emergency Response to Terrorism 3 Credits**
 This course will update the EMT, fire fighter and police personnel with tactics and strategies of terror related organizations. The goal is to bring understanding, clarity and sensibility to professionals so that when they respond to an act or terrorism they may be safer and more effective in helping those who need assistance. Recommended for those in public service related professions.
- *EMT 130—Tactical Medical Operations I 4 Credits**
 Special operations including ballistics, weapons orientation, medical threat assessment, evidence assessment and patient care, care under fire, hostage survival, physical assessment during sensory deprivation, situation expedient extraction, and physical fitness. Team operations will be emphasized. F (Prerequisite: Pre-EMS background, law enforcement affiliation or weapons safety class)
 3 hours lecture—3 hours laboratory
- *EMT 131—Tactical Medical Operations II 4 Credits**
 Special operations course continuing tactics used in EMT 130. Additions will be officer down rescue and retrieval; room clearing; movement and dynamic entry; rapid trauma assessment. Emphasis will be placed on field exercises and scenarios designed to test the student's skills and team orientation. Physical fitness will be stressed. (Prerequisite: EMT 130)
 3 hours lecture—3 hours laboratory
- *EMT 135—Advanced Rope Rescue 4 Credits**
 Types of rope, knots, harnesses/slings, anchors, ascending and descending techniques, lowering and raising, rigging, packaging victims, victim evacuation, and equipment familiarity will be covered. This knowledge will be blended with patient care considerations for the uniqueness of the environment in which the rescue operations occur. F, Sp

3 hours lecture—3 hours laboratory

***EMT 147—Wilderness EMS 4 Credits**

This course provides the licensed EMT with the medical knowledge and skills to complement their existing level of training in wilderness areas. Areas covered include patient assessment, prolonged transport, medical rescue equipment, trauma, environmental medicine, backcountry medicine and wilderness rescue training. (Prerequisite: First Responder, EMT, EMT-IV, paramedic, LPN, RN, or physician)

3 hours lecture—3 hours laboratory

***EMT 148—EMS Rescue 4 Credits**

This class will cover the rescue aspects of whitewater, rappelling, wilderness and cave techniques. Students will be introduced to the equipment, maneuvers, dangers and specific safety practices related to rescue in these varied physical environments. On-site scenarios will be included. A copy of a physical exam within the last 6 months is required. This is a great introductory class for EMT 114 (Cave Rescue), EMT 135 (Advanced Rope Rescue) and EMT 147 (Wilderness EMS). Contact EMS program director for further information. F, Sp

60 hours/semester

EMT 151—Emergency Medical Technician (accelerated) 12 Credits

An accelerated Basic Emergency Medical Technician course. Parts I and II (EMT 102 and 106), combined into one semester. Upon successful completion the student will have satisfied one of the eligibility criteria for taking the Basic EMT National Registry examination given by the National Registry for EMTs. This class is 157 hours long—70 hours are lab. (Prerequisites: Certification as a First Responder or allied health background; Corequisite: EMT 125.) F, Sp

Combination lecture/lab (10 hours/week)—2 hours clinical

***EMT 193—First Responder Refresher 1 Credit**

DOT approved course for renewal of First Responder Licensure.

17 hours/semester

***EMT 194—Paramedic Refresher 3 Credits**

Refresher training adhering to and including content of National Standard EMT-Paramedic Refresher curriculum.

48 hours/semester

EMT 211—Paramedic I 13 Credits

First of a 3 part series to prepare the student for Paramedic Certificate. Topics include paramedic role and responsibilities, EMS system, medical/legal consideration, EMS communications, medical terminology, general patient assessment, airway and ventilation, pathophysiology of shock, general pharmacology, major incident response and stress management. (Prerequisite: PRIOR admission to the Paramedic Program; Corequisite: EMT 221) F

8 hours lecture—6 hours laboratory

EMT 212—Paramedic II 13 Credits

Second of a 3 part series to prepare the student for Paramedic licensure. Topics include trauma, burns, respiratory care, cardiovascular care, endocrine emergencies, neurological emergencies, acute abdominal distress, anaphylaxis, toxicology, alcoholism, drug abuse, infectious disease, environmental injuries, geriatrics, pediatrics, behavioral emergencies, OB/GYN and neonatal care and certification in the following: ACLS, PALS, BTLs, and PBTLS. (Prerequisite: EMT 211; Corequisite: EMT 222) Sp

8 hours lecture—6 hours laboratory

EMT 218—Paramedic III 3 Credits

Third of a 3 part series to prepare the student for Paramedic Certification. Topics include rescue, EMS-C, scenario-based simulations, and practice skill stations for NREMT-P. (Prerequisite: EMT 212; Corequisite: EMT 223) Su

1 hour lecture—3 hours laboratory

***EMT 217—Comprehensive Advanced Cardiac Life Support 3 Credits**

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 and treatment algorithms. Introduction to ischemias, injury and infarction patterns in 12-lead EKGs. Upon successful completion of this course, students will be ACLS and PALS trained by AHA standards. This course is available to EMTs, EMT-Ps, nurses, respiratory therapists, and physicians.

3 hours lecture

***EMT 219—Pediatric and Neonatal Critical Care Transport (PNCCT) . 4 Credits**

This course is designed to prepare paramedics, nurses and respiratory therapists to function as members of a pediatric and neonatal critical care transport team. It covers several topics including: advanced airway management, mechanical ventilation, acquired heart disease, congenital heart disease, renal, oncology and neurological considerations (Prerequisites: PALS, CCEMTP)

EMT 221—Clinic I 3 Credits

Clinical experience in area hospitals and ambulance services. (Corequisite: EMT 211) F
135 Clinical Hours

EMT 222—Clinic II 3 Credits

Clinical experience in area hospitals, ambulance services, and geriatric and psychiatric facilities. Continuation of EMT - 221. (Corequisite: EMT 212) Sp
135 Clinical Hours

EMT 223—Clinic III 4 Credits

Clinical experience in area hospitals and ambulance services. Emphasis will be upon making patient care decisions and directing patient care in the pre-hospital setting, within the scope of training. (Corequisite: EMT 218) Su

215 Hours

***EMT 225—Critical Care 7 Credits**

Critical Care Emergency Medical Transport Personnel, CCEMTP. This intensive course is offered in conjunction with the University of Maryland Baltimore Campus (UMBC). It provides the foundation which prepares the paramedic or nurse as a critical care transport specialist. The 80+ hour course covers a wide variety of critical care topics including: critical care environment, breathing management, surgical airway management, hemodynamic management, cardiac management, pharmacological management, GI, GU, and renal management, neurological management, transport considerations and special considerations. Upon successful completion, students will receive a certificate from UMBC valid for three years. Prerequisites include: ACLS, PALS or ENPC (trauma course) BTLs/PHTLS/TNCC, CPR and two years working in your field of medicine. F

3 hours lecture—3 hours laboratory

*This course does not meet any curricular requirements for any program, with the exception of technical requirement for the A.A.S. General Technology program.

ENGINEERING CORE

ERG 161—Fundamentals of Engineering Graphics I 3 Credits

Technical sketching, geometries construction with emphasis on plane surface analysis: presentation of engineering data: graphical solution of three dimensional space problems: primary and secondary auxiliary views. Application of computer-aided Design and Drafting (CADD) in solving engineering problems. Three two-hour periods or two three-hour periods, including one hour of lecture per week.

ERG 162—Fundamentals of Engineering Graphics II 3 Credits

Continuation of Fundamentals of Engineering Graphics I with emphasis on CAD applications in three dimensional drawing, working drawings, assemblies and details, CAD component evaluation and use. Selected problems from the engineering sciences utilizing special drawing techniques on electronic mediums. Offered as needed.

- ERG 211—Auto CAD I 3 Credits**
The utilization of microcomputers in the design and drafting process using AutoCAD. The selection of CAD component, the command and syntax structure, basic drawing and editing techniques, two-dimensional and three-dimensional drawing techniques. Two three-hour periods or three two-hour periods, including two hours lecture per week.
- ERG 212—AutoCAD II 3 Credits**
CAD systems management, customization and productivity techniques, introduction to AutoLISP, data file exchange solid modeling, advanced 3-D drawing techniques. Two three-hour periods or three two-hour periods, including two hours lecture per week.
- ERG 213—Computer-Aided Design/Modeling 3 Credits**
The study of three-dimensional modeling principles and techniques. The use of projections, viewports, model space and paper space will be covered. Upon completion of this course a student will be able to draw and dimension solid models of objects using the three-dimensional microcomputer techniques.
- ERG 221—Surveying I 4 Credits**
Introduction to surveying, chaining and pacing, direct and profile leveling, measurements of angles, transit-tape-traversing, traverse analysis, calculation of areas, adjustment of instruments. (Corequisite: ♦ MATH 1110 - College Algebra)
- ERG 241-249—Independent Engineering Investigation 3 Credits**
Independent research and development in engineering by qualified students under the supervision of a faculty member. Intended to develop interest and skill in the techniques of engineering research and development. Transfers as elective credit only. (Consent of the faculty member is required.)

ENGINEERING SCIENCE

- ESC 111—Survey of Engineering 1 Credit**
Overview of the required skills, types of jobs, and specialty areas in engineering. An overview of the goals, objectives, methods, and ethics of the engineering profession in all the major engineering disciplines is presented. F, Sp
- ESC 112—Computer Aided Engineering 3 Credits**
Introduction to computers in engineering using structured programming in BASIC, Visual BASIC, and C to create solutions to typical engineering applications. Applications of computer packages such as engineering spread sheets, graphics, and word processors will be included. Sp
- ESC 211—Statics 3 Credits**
Statics of particles and rigid bodies, resultants of force systems, static equilibrium, friction, moments, and application to trusses. (Prerequisites: ♦ MATH 1910, Calculus I; Corequisite: IPHYS 2110) F
- ESC 212—Dynamics 3 Credits**
Dynamics of particles and rigid bodies, kinematics, kinetics, Newton's laws, work and energy, and impulse and momentum. (Prerequisite: ESC 211 - Statics) Sp

ENGLISH

NOTE: Any **full-time** degree-seeking student at any TBR institution must be enrolled in a core (or developmental) English course each term until that student completes core writing requirements. Any **part-time** degree-seeking student at any TBR institution must be in a core (or remedial/development) English course for each 12 hours taken. Students may not withdraw from a core or a remedial/developmental English course unless they withdraw from school.

- DSPW 0700—Basic Writing 3 Credits**
 Designed to develop basic skills essential in writing standard English. Emphasis will be given to basic mechanics of spelling, punctuation, capitalization, pronoun usage, verb tense, sentence structure, and paragraph development. Satisfactory completion of this course or other evidence of competency in these areas is a prerequisite for ENG 083.
- DSPW 0800—Developmental Writing 3 Credits**
 Designed to develop writing skills through journal writing, vocabulary enrichment, and critical thinking with special emphasis on paragraph patterns and short essays.
- ◆ **ENGL 1010—Composition I 3 Credits**
 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.
- ◆ **ENGL 1020—Composition II 3 Credits**
 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.**
- ◆ **ENGL 2010—Survey of British Literature I 3 Credits**
 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)
- ◆ **ENGL 2020—Survey of British Literature II 3 Credits**
 Survey of 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)
- ◆ **ENGL 2030—Appalachian Literature 3 Credits**
 An introduction to the literature of the Southern Appalachian Mountains through the reading of past and present works. Emphasis is placed on how outsiders view the area, how the mountaineers view themselves and how those views are changing. Students should gain an understanding and appreciation of the area. Cross listed as HUM 291. (Prerequisite: ◆ ENGL 1020).
- ◆ **ENGL 2110—Survey of American Literature I 3 Credits**
 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)
- ◆ **ENGL 2120—Survey of American Literature II 3 Credits**
 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)
- ◆ **ENGL 2150-2190—English Practicum 1-5 Credits**
 Introduction to Writing Center theory and the practice of tutoring writing students. Participants will work in one of the RSCC writing centers for one or more semesters to develop tutoring skills and gain professional experience; some writing, research and work on the internet required. (Prerequisites: ◆ ENGL 1010 (ENGL 1020 preferred), a writing sample, and permission of the instructor.) Course URL: http://www2.rscclcc.tn.us/~jordan_jj/Practicum/practicum.html.
- ◆ **ENGL 2230, 2240, 2250—Seminar in Creative Writing 3 Credits**
 Theory and practice of the creation of poetry or prose through the analysis of models and student manuscripts developed in a workshop setting.
- ◆ **ENGL 2310—Survey of World Literature I 3 Credits**
 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)

- ◆ **ENGL 2311—Introduction to Technical Writing 3 Credits**
An introduction to the field of technical writing, including editing, researching, report writing in the student's field of specialization, etc. The course is provided online to enhance computer and electronic communication skills. (Prerequisites: ◆ ENGL 1010)
- ◆ **ENGL 2320—Survey of World Literature II 3 Credits**
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)
- ENGL 2411—Advanced Technical Writing 3 Credits**
Further study and practice in technical writing, following the principles emphasized in the introductory course. Additional emphasis will be placed on consistency, logic, flow, conciseness, pinpointing and addressing needs, developing skills in persuasion, and synthesizing another's ideas and data. (Prerequisite: ENGL 1010)
- ENGL 2421—Technical Research 3 Credits**
In-depth study of methods of research, including development of successful interview questions, development of questionnaires, and methods of conducting research online, in the workplace, and using digital libraries. (Prerequisite: ENGL 1010)
- ENGL 2450—Online Communication and Publishing 3 Credits**
A targeted study of successful and unsuccessful online communication and its relationship to successful public relations, along with practice in writing, editing, revising, and proofreading online documents. (Prerequisite: ENGL 1010)
- ◆ **ENGL 2510—Introduction to Poetry 3 Credits**
Study of poetry as a distinct genre of artistic expression. Emphasizes analyzing and writing about poetry. (Prerequisite: ◆ ENGL 1020)

HONORS: Composition II and World Literature I and II are offered in an Honors format. Admission to Honors classes is by permission.

ENVIRONMENTAL HEALTH

- EHT 111—Environmental Instrumentation I 3 Credits**
Provides training in the evaluation of hazards often encountered in industrial and waste management areas. Classroom instruction includes the use of instrumentation used to measure radiation, noise, heat stress, organic chemicals and oxygen deficiency.
- EHT 120—Waste Management and Pollution Prevention 3 Credits**
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.
- EHT 130—Industrial Hygiene and Safety I 3 Credits**
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.
- EHT 201—Environmental and Occupational Law and Regulations . . . 3 Credits**
Survey of federal and state laws regulating environmental management, employee health and safety, hazardous substances, waste management and environmental restoration, and water and air pollution.
- EHT 211—Safety and Emergency Response 3 Credits**
A review of federal, state, and local emergency response guidelines and methods for protecting workers employed in hazardous waste operations and emergency response.

- EHT 215—Applied Radiological Control Technology 3 Credits**
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.
- EHT 222—Environmental Instrumentation II 3 Credits**
Provides an introduction to those instruments used to characterize water, wastewater, soil, wastes, and air. Instruments demonstrated include those used to measure specific conductance, pH, dissolved oxygen, turbidity, chlorine residual, and other environmental parameters. Environmental sampling techniques and protocols will be presented.
- EHT 225—Special Topics in Environmental Health 1-3 Credits**
This elective course is designed to allow instruction in special topics deemed necessary to meet the demands of business and industry.
- EHT 230—Industrial Hygiene and Safety II 3 Credits**
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.
- EHT 242—Internship 4 Credits**
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.

FRENCH

- ◆ FREN 1010—Beginning French I 3 Credits**
Elementary grammar, pronunciation, and conversation through textbooks supplemented by audio cassettes, filmstrips, computer programs, and videotapes. (No prerequisite)
- ◆ FREN 1020—Beginning French II 3 Credits**
Continuation of Beginning French I. (Prerequisite: ◆ FREN 1010)
- ◆ FREN 2010—Intermediate French I 3 Credits**
Advanced grammar and conversation through use of textbooks supplemented by audio cassettes, filmstrips, computer programs, videotapes, and selected readings. (Prerequisite: ◆ FREN 1020)
- ◆ FREN 2020—Intermediate French II 3 Credits**
Continuation of Intermediate French I. (Prerequisite: ◆ FREN 2010)

GEOGRAPHIC INFORMATION SYSTEMS

- GIS 101—Introduction to Geographic Information Systems Technology 3 Credits**
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
- GIS 105—Cartography and Digital Image Analysis 3 Credits**
An introduction to the properties, uses, symbology design and computer production of maps. Covers the use of maps, aerial photographs and satellite imaging in geographical analysis. (Corequisite: GIS 101) F

GIS 110—Geographic Database Technology 3 Credits

Geographic Information Systems (GIS) need access to a great variety of data to be of any value for decision making. This introductory course will cover major aspects of capturing, manipulating, and using 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. Data used includes TIGER/Line, DLG/DEM, DWG and ASCII. Database software used includes FoxPro, Access, MapInfo, ArcView, Intergraph, and Maptitude plus various conversion software. Sp

GIS 210—Imaging and Global Positioning Technology 3 Credits

Using Global Positioning System (GPS) technology, this course will introduce topics of data capture (including scanning), 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 correcting map data as well as creating real-time maps with the use of laptop computers. (Prerequisites: GIS 101 and GIS 110 or with consent of the instructor) F

GIS 220—GIS Demographic Applications 3 Credits

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

GIS 230—GIS Map/Envir/Util & Lic Govt Ap 3 Credits

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. Learning outcomes include gaining and enhancing the ability to effectively match data and task appropriately and to identify appropriate types and sources of information needed to solve a problem. (Prerequisites: GIS 101 and GIS 110) Sp

GIS 250-259—Seminar in Geographic Info Systems 1-4 Credits

Special topics in GIS. Check with your advisor for courses available each semester.

GIS 290—Directed Research Project 3 Credits

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

GEOGRAPHY

Geography is a subject which in its broadest sense studies the earth-atmosphere system and human activities therein. As such, geography provides an unusual blend of social science and natural science. Prospective students should note that the 3-credit-hour courses in geography generally are classified as social science credits. The 4-credit-hour sequence (GGY 101, 102, Geography of the Natural Environmental I, II) fulfills the natural/physical science requirements in most liberal arts programs.

GGY 101—Geography of the Natural Environment I 4 Credits

A study of the processes which govern atmospheric activity and of the characteristics of world climatic patterns. Subjects of interest include storms, oceanic influences, climatic change, and analysis of weather maps. Special attention is given to human interaction with the climatic environment.

3 hours lecture—3 hours laboratory

GGY 102—Geography of the Natural Environment II 4 Credits

An investigation of the earth as a system comprised of landforms, soils, vegetation, and animals, each interacting with climate to create a world pattern of environments of importance to human-kind.

3 hours lecture—3 hours laboratory

GGY 201—World Geography I. 3 Credits

A study of the major organizing concepts and their applications in the different subfields of human geography, including regional analysis, population, political, cultural, urban, and economic geography. Special attention is given to analysis of current world problems and issues. As needed.

GGY 202—World Geography II 3 Credits

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.

GGY 205—Physical Geography 3 Credits

A study of the global earth, the tools of the discipline, the atmosphere, the hydrosphere and the biosphere.

GGY 211—Environmental Science 3 Credits

A course which takes an ecological approach in analyzing the impact of human activities upon natural systems. Attention is given to scientific resource management principles in such areas as forestry, wildlife, soils, and water. (This course fulfills the 3 hours science requirement in various career education programs such as Business Management Technology and Office Administration. Course credit cannot be received for both ♦ BIOL 2011 and GGY 211.)

GGY 221—Introduction to Economic Geography 3 Credits

A study of location and spatial organization of the world's major types of economics, including agriculture, energy and mineral production, manufacturing, transportation, trade, and services.

GGY 2310—Human Geography 3 Credits

This course is an overview of man's spatial distribution over the Earth's surface. It concentrates on the relationship between people, places and environments and to applying spatial and ecological perspectives to life situations.

GEOLOGY

The geology sequence offers students an additional branch of science which will fulfill natural/physical science curriculum requirements. Geology provides a perspective about the earth that may be very helpful in numerous other fields of study including archaeology, anthropology, forestry, soil science, biology, and engineering. The courses listed below do not have to be taken in sequence, and there are no prerequisites.

♦ GEOL 1040—Physical Geology 4 Credits

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 land-form development. F

3 hours lecture—3 hours laboratory

♦ GEOL1050—Historical Geology 4 Credits

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. S

3 hours lecture—3 hours laboratory

GERMAN

- ◆ **GERM 1010—German I** **3 Credits**
Essentials of German, developing listening and reading comprehensive, speaking and writing. (No prerequisite)
- ◆ **GERM 1020—German II** **3 Credits**
Continuation of Beginning German I. (Prerequisite: ◆ GERM 1010)
- ◆ **GERM 2010—Intermediate German I** **3 Credits**
Review of German grammar and a continuation of the approach used in GERM 1010 and 1020. Selected readings. (Prerequisite: ◆ GERM 1020)
- ◆ **GERM 2020—Intermediate German II** **3 Credits**
Continuation of Intermediate ◆ GERM 2010. (Prerequisite: GERM 2010)

HEALTH

- HEA 221—Safety, First Aid and CPR** **3 Credits**
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.
- HEA 223—Safety in the Workplace** **1 Credit**
This course will provide an overview of chemical, biological, physical and ergonomic stresses in the workplace. Hazard recognition, evaluation, and control are also presented. Employee rights to a safe workplace are discussed.
- HEA 241—School Health** **2 Credits**
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.

HEALTH INFORMATION TECHNOLOGY (Medical Record Technology)

- HIT 102—Introduction to Health Information** **3 Credits**
Introduction to the profession and the health care delivery system. Orientation to the content of the health record, numbering, filing, microfilm, accreditation and certification standards. Laboratory practice in the assembly and analysis of medical records and numbering and filing systems. (Prerequisite: HIT 107) F
2.5 hours lecture—22.5 hours lab per semester
- HIT 103—Coding & Classification Systems** **3 Credits**
An introduction to coding and classification systems used in health care. This course will focus on ICD-9-CM coding. Laboratory practice time devoted to ICD-9-CM coding. F (Prerequisite: HIT 107; corequisite: ◆ BIOL 2010)
2 hours lecture—3 hours laboratory/week
- HIT 106—Health Data Systems** **3 Credits**
Introduction to health care data, indexes and registries. The calculation of rates and percentages used by health care facilities will be emphasized. Manual and automated techniques of maintaining data will be discussed along with data display techniques. Sp
3 hours lecture/week
- HIT 107—Medical Terminology** **3 Credits**
Greek and Latin elements of medical terminology, stems, suffixes, prefixes and root words. Medical terminology pertaining to each body system. Open to all students. F, Sp, Su
3 lecture hours/week

HIT 113—Legal Aspects of Health Information 2 Credits

To provide the student a foundation in federal and state legislation regarding medical record release, retention, authorizations, and consents. The importance of confidentiality and professional ethics will be emphasized. The medical record in court and the medicolegal importance of accurate documentation will be presented. F

2 lecture hours/week

HIT 117—Principles of Medical Claims Billing and Processing 3 Credits

An introduction to Medical Insurance and Claims Processing with an emphasis on Managed Care Contracts and various Health Care Payers. This course will introduce the student to the basic fundamentals of medical coding by focusing on ICD-9 and CPT coding systems.

HIT 130—CPT Coding 3 Credits

An introduction to the Current Procedural Terminology (CPT) coding system, outpatient coding guidelines, reimbursement strategies, and clinical coding experience in area health facilities. S (Prerequisites: HIT 102, HIT 103, ♦ BIOL 2020) Sp

2 hours lecture—3 hours laboratory/week—45 hours clinical/semester

HIT 140—Medical Office Procedures 2 Credits

An introduction to business aspects of a medical practice including third party payers, claims filing and processing, accounting and payroll functions. (Prerequisites: HIT 102, HIT 103) Sp

2 lecture hours/week

HIT 215—Principles of Healthcare Administration 3 Credits

Introduction to principles of management specifically directed toward the health information manager. Personnel management, departmental budget preparation and maintenance, departmental policies, procedures and job descriptions will be introduced. P

3 hours lecture/week

HIT 221—Advanced Health Information Procedures 3 Credits

Introduction to medical record procedures in long-term care, ambulatory, home-health, hospice and psychiatric facilities. A study of the Problem Oriented Medical Record and the tumor registry is included. Strategies for successful completion of the National Accreditation Exam and obtaining employment are included. Sp

3 hours lecture/week

HIT 222—Pathology and Clinical Interpretations 4 Credits

An introduction to common disease processes, their clinical signs, symptoms, and manifestations. Diagnostic radiology and laboratory examinations, pharmacological and other treatment modalities employed in the treatment of disease will be emphasized. F

4 hours lecture/week

HIT 231—Directed Practice I 3 Credits

Actual practice in an area hospital. Topics covered include chart assembly and analysis, coding, abstracting, release of information, and medical transcription. F

135 hours clinical experience

HIT 232—Directed Practice II 4 Credits

Clinical experience in quality improvement, utilization management, hospital committee functions, and medical record supervision. Practice is also obtained in specialized facilities such as long term care, psychiatric, ambulatory care, veterinary medicine, and tumor registry. Sp

180 hours clinical experience

HIT 242—Automated Health Information Systems 3 Credits

An introductory course dealing with principles of automated information systems. The flow of patient information from registration through the clinical care process and billing, to the end use of information in decision support systems will be explained. The importance of data accuracy, integrity and security will be emphasized. The current state of technology employed in healthcare to make the transition to a total computerized patient record will be discussed. Software packages currently utilized by health information departments will be explained and students will utilize application software packages, build databases, query systems and design reports. Sp

2 hours lecture/week—3 hours laboratory/week

HIT 251—Coding for Reimbursement 4 Credits

Advanced topics in ICD-9-CM coding focusing specifically on Official Coding Guidelines, sequencing skills and the use of ICD-9-CM in health care reimbursement. The prospective payment system theory and methodology will be the course focus. Ambulatory Patient Classifications will be introduced. Laboratory practice in coding and optimization techniques using actual medical records and a computerized grouper. F

3 hours lecture—3 hours laboratory/week

HIT 252—Quality Resource Management 2 Credits

This course will emphasize current philosophy and methodology in conducting an effective utilization management and quality improvement program for a health care facility. Requirements of various governmental, third party payers, and accreditation bodies regarding appropriate utilization of resources and continuous quality improvement will be emphasized. F

2 hours lecture/week

HISTORY**◆ HIST 1010—Survey of Western Civilization I 3 Credits**

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. F

NOTE: ◆ HIST 1010 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture, class. (Prerequisite: Consent of instructor)

◆ HIST 1020—Survey of Western Civilization II 3 Credits

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. Sp

NOTE: ◆ HIST 1020 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture, class. (Prerequisite: Consent of instructor)

◆ *HIST 1210—Survey of World History I 3 Credits

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 1220—Survey of World History II 3 Credits

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 2010—Survey of United States History I 3 Credits

An exploration and analysis of major themes and events in the political, cultural, social, economic, and intellectual history of the United States to 1877. F, Sp, Su

NOTE: ◆ HIST 2010 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture, class. (Prerequisite: Consent of instructor)

◆ HIST 2020—Survey of United States History II 3 Credits

Continuation of History 2010. F, Sp, Su

NOTE: ◆ HIST 2020 H, Honors is also offered which is a more in-depth study of these themes and is taught primarily as a discussion, rather than a lecture, class. (Prerequisite: Consent of instructor)

*Accepted for history sequence requirement at UTK, UTC, and MTSU.

HOME ECONOMICS

- HEC 131—Elementary Nutrition 2 Credits**
Applying principles of nutrition in the selection of food for health promotion and maintenance.

HUMANITIES

See Art, English, Music, Philosophy and Speech for other Humanities electives.

- ◆ **HUM 261-291—Humanities Seminar 1-3 Credits**
This course is designed for those students who are interested in pursuing an in-depth study of some particular humanities problem.
- HUM 262—Great Works 3 Credits**
An interdisciplinary study of great works of art, drama, music and literature. A teaching team from the Humanities Division guides students on a search to answer the question of what it means to be human.
- HUM 263—Anthropology of Religion 3 Credits**
This seminar is a general survey of religious beliefs and activities among non-industrial societies. The course will concentrate on the anthropological study of belief systems, myths, rituals and ceremonies, rites of passage, cultural change and adaptation, and revitalization movement. Crosslisted as SSC 230.

INTERIOR DESIGN AND TECHNOLOGY

- IDT 110—Introduction to Interior Design 3 Credits**
Introductory, practical experiences based on the elements and principles of interior design. Includes orientation to the profession, relationships to allied fields and philosophical approaches.

LAW

- LAW 101—Intro to the Legal Profession & Legal Ethics 3 Credits**
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. F
- LAW 102—Survey of American Law 3 Credits**
Legislation, administrative process; government regulation of business, anti-trust, and consumer law; torts; contracts; investigations; domestic relations; wills, estates, trusts, real property, etc. Sp
- LAW 140—Legal Research 3 Credits**
Legal bibliography including codes, administrative regulations, reporters, digests, encyclopedias, citators, law reviews, and treatises; analysis and synthesis of cases. F
- LAW 150—Legal Writing 3 Credits**
Legal writing skills including precision and clarity, legal citation, and format; drafting of law office and trial memoranda, trial court brief, appellate brief, and abstracting depositions; analysis and synthesis of legal materials. (LAW 140 is suggested as a prerequisite) Sp
- LAW 160—Torts 3 Credits**
Non-contractual obligations which an individual in society owes others according to common law and statute; emphasis on intentional acts violating legally protected interest. F
- LAW 170—Criminal Law 3 Credits**
Substantive aspects of criminal law including general principles of criminal liability, specific analysis of particular crimes; substantive defenses to crime. Sp

- LAW 201—Domestic Relations 3 Credits**
Laws, procedures, and documents involved in domestic relations; breach of promise to marry; marriage; annulment; divorce; adoption; child custody/support. F
- LAW 211—Business Organizations 3 Credits**
Sole proprietorships, partnerships, corporations, and other business vehicles; formation of various types of business entities; preparation of appropriate documents. P
- LAW 215—Child Support Law 3 Credits**
This course will give the student an overview of child support law in Tennessee with an emphasis placed upon the Tennessee Child Support Guidelines: child support establishment; child support enforcement; and Title IV-D offices.
- LAW 221—Civil Trial and Appellate Practice I 3 Credits**
Procedural law; preparation and use of pleadings and other documents involved in the trial and appeal of a civil action. F
- LAW 222—Civil Trial and Appellate Practice II 3 Credits**
Procedural law; preparation and use of pleadings and other documents involved in the trial and appeal of a civil action. (Prerequisite: LAW 221)
- LAW 231—Estates and Trusts I 3 Credits**
Effects of various types of ownership upon passage of property at owner death, with or without a will; administration, taxation of estates and inheritances; basic requirements for trusts, wills, guardianships, and conservatorships; administration of a decedent's estate including income tax consequences; case analysis; preparation of necessary documents. F
- LAW 232—Estates and Trusts II 3 Credits**
U.S. Estate Tax, Tennessee Inheritance Tax, U.S. Gift Tax provisions, estate planning, changes in asset ownership and tax advantages through removal of assets or fixation of values; problem-solving activities. (Prerequisite: LAW 231 or permission of program director)
- LAW 235—Legal Environment for Business 3 Credits**
Emphasis is placed on classification of laws, historical background of our systems of laws, duties, buying services, insurance, consumer protection, negotiable instruments, and business organization. Sp
- LAW 240—Legal Internship 3 Credits**
Supervised activities in a law firm, agency, or corporate legal department as a legal assistant for a total of 95 hours. (Prerequisite: sophomore standing in the Legal Assisting program) Su
- LAW 241—Real Property 3 Credits**
Freehold estates, concurrent ownership, leases, real estate contracts and deeds, recording system, title assurance, easements, lateral support, water rights, zoning, and eminent domain; practical aspects of conveyance from drafting of purchase and sale agreements to passing of papers; mechanics of title examining; preparation of documents for mortgages, foreclosures, recordings, and closing. Sp
- LAW 251—Public Benefits/Administrative Advocacy 3 Credits**
Substantive law and procedures for public benefits applications and appeals from agency administrative decisions; includes Medicare, Medicaid, supplementary security income, OASDI, food stamps, structure of administrative agencies, administrative procedures and advocacy skills.
- LAW 261—Creditor Rights and Bankruptcy 3 Credits**
Bankruptcy procedure including initial filing, meetings of creditors, adversarial proceedings and the final discharge hearing; operation of the automatic stay; adequate protection; conformation of a Chapter 13 Plan; Chapter 7 and Chapter 11 proceedings; debtors obligations and rights; secured and unsecured creditors priorities, preferences, fraudulent transfers.

- LAW 271—Investigations/Pretrial Advocate 3 Credits**
 Investigative techniques, interviewing skills, fact analysis, courses of evidence, records access, judgment collection, missing persons, background investigation, case planning, analysis and strategy.
- LAW 275—Income Tax 3 Credits**
 Survey of federal income tax laws emphasizing preparation of returns for individuals, sole proprietorships, and partnerships. Overview of corporate tax law, administrative and judicial tribunals, jurisdiction, and tax controversies.
- LAW 280—United States Supreme Court 3 Credits**
 Survey of the structure and decision-making process of the United States Supreme Court, including in-depth study of recurring issues before the court.
- LAW 290-299—Independent Studies in Legal Assisting 1-9 Credits**
 Independent studies in legal assisting. Students may take more than one independent or individualized study in a given discipline up to a maximum of nine credit hours.

MAGNETIC RESONANCE IMAGING

- *MRI 111—Introduction to MRI 4 Credits**
 This course is designed to provide students with a thorough basic understanding of magnetic resonance imaging theory and principles of operation. Students gain understanding of current MRI system components, hardware pulse parameters, and clinical significant.
 4 hours lecture
- *MRI 121-135 Clinical Education 18 Credits**
 The clinical educational courses are conducted at an approved clinical education center and require supervised performance of magnetic resonance imaging of the head, neck, spine, chest, abdomen, pelvis, and musculoskeletal system. Arrangements for clinical education sites are made by Roane State Community College in cooperation with the MRI instructor.

MRI 121-126	MRI 131-136
Clinical Education I-VI	Clinical Education I-VI
(Accelerated)	(Non-Accelerated)
18 semester hours	18 semester hours

Accelerated courses are for technologists already employed in MRI that will be able to move through the clinical competencies at a faster rate.
Non-accelerated courses are for those technologists that have no previous experience in MRI and will move at a slower rate in achieving required competencies.

*This course does not meet any curricular requirements for any program, with the exception of technical requirements for the A.A.S. General Technology program.

MAMMOGRAPHY

- *MAM 110—Mammographic Procedures 3 Credits**
 This course covers radiographic interventional procedures, anatomy, positioning, technique, quality control, and the Mammography Quality Standards Act. This course will prepare registered radiologic technologists to take the A.R.R.T. mammography registry. 8 week course.
 - *MAM 120—Mammography Pathology 1 Credit**
 This course will cover radiographic pathology and abnormalities of the breast. It is designed to enhance knowledge of registered mammographers as well as those seeking to take the A.R.R.T. mammography registry. 8 week course.
 2 hours lecture
- *This course does not meet any curricular requirements for any program, with the exception of technical requirement for the A.A.S. General Technology program.

MANAGEMENT

MGT 100—Portfolio Assessment 1 Credit

This course is an introduction to prior learning assessment and the standards used to evaluate prior learning through portfolio preparation. Patterns of learning in personal, professional, and former education experiences will be identified for the creation of a portfolio. Creating a portfolio of documentation that will include types of training, work experiences, principles and practices of these experiences, examples of work, influential works and people, and summary will be components of the course.

MGT 120—Spanish for Managers 1 Credit

A one-hour credit course that provides language skills for anyone who does business internationally, whether abroad, on the telephone, or via email. Students learn phrases for any business situation, as well as cultural information essential to working with Spanish speaking colleagues.

MGT 150—Introduction to Hospitality I 3 Credits

This course is an introduction to the hospitality industry, with emphasis on the broad spectrum of hospitality organizations and career opportunities.

MGT 160—Introduction to Hospitality II 3 Credits

This course is an in-depth introduction to hospitality management with an emphasis on the functions of the hospitality manager. It includes the historical and future perspectives of the hospitality industry.

MGT 200—Business and Its Environment 4 Credits

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.

MGT 201—Management Concepts 4 Credits

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.

MGT 203—Human Resource Management 4 Credits

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.

MGT 205—Marketing in the New Millennium 4 Credits

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.

MGT 206—Organizational Aspects of Supply/Demand 4 Credits

This course covers the foundations of economics—supply and demand and demand theory as well as features and goals of capitalism market systems, national income determinations, and monetary fiscal policy.

MGT 207—Managerial Accounting and Finance 4 Credits

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.

MGT 208—Training and Development 4 Credits

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.

- MGT 209—Interpersonal Communication 4 Credits**
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.
- MGT 210—Business and its Legal Environment 4 Credits**
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.
- MGT 215—Special Topics in Management I 1-8 Credits**
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.
- MGT 220—Special Topics in Management II 1-8 Credits**
A continuation or extension of MGT 215.
- MGT 225—Resolving Conflict: Negotiating Successful Solutions 4 Credits**
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.

**MESSAGE THERAPY
(SEE SOMATIC THERAPY)**

MATHEMATICS

The State Board of Regents, governing board of Roane State Community College, has endorsed a provision aimed at strengthening mathematics in the System institutions. This provision states that the mathematics course taken to fulfill the requirement for graduation must carry high school prerequisites of two years of algebra and one year of geometry.

- DSPM 0700—PreAlgebra 3 Credits**
This course stresses basic arithmetic and geometry skills, operations with integers, and solving basic linear equations. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for DSPM 0800—Elementary Algebra. This course does not fulfill the math requirement for graduation. F, Sp, Su
 - DSPM 0800—Elementary Algebra 3 Credits**
This course is designed to provide students basic algebraic skills on a pre-college level. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for DSPM 0850—Intermediate Algebra. This course does not fulfill the math requirement for graduation. F, Sp, Su
 - DSPM 0850—Intermediate Algebra 3 Credits**
This course is designed to provide students advanced algebraic skills on a pre-college level. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for appropriate college level mathematics courses. This course does not fulfill the math requirement for graduation. F, Sp, Su
- The Mathematics Department endorses the TI-86 calculator for ALL math courses.**
- MATH 0990—Geometry 3 Credits**
A study of the most used theorems of two- and three-dimensional Euclidean Geometry. Topics include symmetry, congruence, similarity, right triangle relationships, and geometrical modes of thinking in problem solving. F, Sp

NOTE: This course is required of all students majoring in a transfer program who have not had high school geometry or another advanced high school mathematics course with geometry as a major component and will not fulfill the requirement for graduation.

MATH 1000—Computer Geometry Modeling 3 Credits

Numerical and computer representation of curves and surfaces, solid geometry modeling, and management aspects of geometry data. Cubic-tension B-Splines, Bezier curves/surfaces, graph-based and Boolean models and concepts of constructive application to CFD, CAD, robotics, animation, image processing, and computer graphics. (Prerequisite: Two years high school algebra and/or completion of DSPM 0850).

MATH 1030—Mathematics for the Health Sciences 3 Credits

This course is designed to prepare the allied health student to function in academic and clinical settings with mathematics competence. Topics of study include fractions, fractional equations and formulas, ratios and proportions, apothecaries and metric measurements, dosage calculations, logarithms, and statistics. (Prerequisites: Two years of high school algebra and one year of high school geometry or appropriate developmental mathematics courses) This course does not meet math requirement for AS/AA degree, nor does it carry transfer credit. F, Sp

◆ MATH 1130—College Algebra 3 Credits

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 or appropriate developmental mathematics courses) F, Sp, Su

◆ MATH 1410—Number Concepts/Algebra Structures 3 Credits

This course includes symbolic logic, logical reasoning, history of early numeration systems, set theory with rules of operations and Venn diagrams, relations and functions, the systems of whole numbers, of integers, and of rational numbers. Any student would profit from this course, but it is especially targeted to the education major (elementary and non-math secondary). (Prerequisite: Two years of high school algebra and one year of geometry or appropriate developmental math.) F

◆ MATH 1420—Problem Solving/Geometry 3 Credits

A continuation of MATH 1410, this course includes elementary number theory, irrational number, basic algebra, interest (simple and compound), elements of plane and solid geometry (especially working with measurements and formulas), the metric system, and basic statistics. (Prerequisites: ◆ MATH1410 or consent of instructor). Sp

◆ MATH 1530—Probability & Statistics (Non-Calculus Based) 3 Credits

An introduction to probability and statistics without calculus. Topics covered include sampling, frequency distribution, elementary probability, hypotheses testing, linear regression and correlation, analysis of variance and non-parametric statistics. A scientific calculator is required. (Prerequisites: Two years of high school algebra and one year of geometry or appropriate developmental mathematics courses) F, Sp, Su

◆ MATH 1630—Finite Mathematics 3 Credits

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 24 or above or appropriate developmental mathematics and ◆ MATH 1130). F

◆ MATH 1720—Trigonometry 3 Credits

Analysis of functions of angles, solutions of right and general triangles, graphs of trigonometric functions, identities and formulas, equation-solving techniques, De Moivre's Theorem, polar coordinates, and exponential and logarithmic functions. A calculus sequence student who is lacking in trigonometry background is strongly advised to take this course before ◆ MATH 1910. 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 developmental mathematics and ◆ MATH 1130) F, Sp, Su

- ◆ **MATH 1730—Pre-Calculus** **4 Credits**
 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 22 or higher on the math component of the ACT or appropriate RSCC courses, e.g. developmental 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
- ◆ **MATH 1810—Calculus for Business and the Life Sciences I** **3 Credits**
 A calculus course for students not planning to major in mathematics, engineering, computer science, or the physical sciences. Limits, derivatives of polynomial, exponential, and logarithmic functions, extrema, implicit differentiation, related rates, and applications to Business and the Life Sciences. (Prerequisites: Two years of high school algebra and one year of geometry with an ACT of 24 or above or appropriate developmental mathematics and ◆ MATH 1130). F, Sp
- ◆ **MATH 1820—Calculus for Business and the Life Sciences II** **3 Credits**
 A continuation of IMATH1810 for those programs which need multivariable calculus. Methods of integration, differential equations, partial derivatives, multivariable max and min, differentials, and Lagrange multipliers with applications to Business and the Life Sciences. The course includes double and triple integrals and continuous probability functions. (Prerequisite: ◆ MATH1810). Sp
- ◆ **MATH 1910—Calculus I** **5 Credits**
 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, integration and applications of the derivative. (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, or ◆ MATH 1730) F, Sp
- NOTE: If a student has an ACT score less than 25 and is deficient in trigonometry then they should take MATH 1720-Trigonometry before MATH 1910.
- ◆ **MATH 1920—Calculus II** **5 Credits**
 This course includes the differentiation and integration of transcendental functions with applications, additional methods of integration, analytic geometry, polar coordinates, parametric equations, and infinite series. (Prerequisite: ◆ MATH 1910) Sp, Su
- ◆ **MATH 2000—Matrix Computations** **1 Credit**
 Introduction to matrix calculations including determinants, eigenvalues and eigenvectors. (Prerequisites: ◆ MATH 1910 or permission of instructor.) Sp
- ◆ **MATH 2010—Matrix Algebra** **3 Credits**
 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. (Prerequisites: ◆ MATH1910, ◆ MATH 1920 or consent of instructor.)
- ◆ **MATH 2050—Probability and Statistics (Calculus-Based)** **3 Credits**
 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 is required. (Prerequisite: ◆ MATH 1810 or ◆ MATH 1910) Sp
- ◆ **MATH 2100—Discrete Mathematics** **3 Credits**
 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)

- ◆ **MATH 2110—Calculus III** **3 Credits**
 This course is a continuation of the first-year calculus sequence. Topics included are partial differentiation, multiple integrals, 3-D analytical geometry vectors and vector calculus. (Prerequisite: ◆ MATH 1920) F
- ◆ **MATH 2120—Differential Equations** **3 Credits**
 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) Sp
- MATH 2700-2710-2720—Independent Study** **2 Credits Each**
 Independent study in mathematics by qualified students under the supervision of a faculty member. Especially designed to introduce students to techniques of mathematical research. Up to six credit hours can be earned. (Prerequisites: ◆ MATH 1920 and consent of instructor on request and by prior approval of mathematics department)

MATH-SCIENCE

- MSC 101—Science Literacy** **3 Credits**
 A broad course aimed at giving the student a general understanding of science and technology. The course expects to raise the students understanding of the public issues that involve science.
- MSC 102—Survey of Science** **2 Credits**
 This course includes items in science as well as topics in astronomy, geology; discusses the nature of energy and matter and recent advances in biology.
- MSC 1011—Physical Sciences** **3 Credits**
 This course is an introduction to the concepts and methods employed in the discipline of science. The student should obtain a knowledge of the physical sciences sufficient to make informed decisions about physical science issues that are presented in the normal policy creation process. Included in the course are an introduction to the criteria for what a science is and what types of reasoning are considered valid within scientific disciplines; the basic concepts and methodology of physics, chemistry and geology; and applications of the concepts of physical sciences to political, social and economic issues.
- MSC 1012—Introduction to Physical Sciences** **4 Credits**
 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. F

MATH-SCIENCE SEMINAR

- MSC 261-289** **1-3 Credits**
 This course is designed to give the student an in-depth study of a particular topic in any one of the math-science disciplines (Biology, Chemistry, Geography, Geology, Math, or Physics).
 3 hours lecture—2 hours lab

MEDICAL RECORD TECHNOLOGY (SEE HEALTH INFORMATION TECHNOLOGY)

MEDICAL TRANSCRIPTION

- MDT 102—Medical Terminology** **3 Credits**
 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. F
 3 hours lecture/week
- MDT 103—Anatomy Concepts in Medical Transcription** **2 Credits**
 A study of basic anatomy and physiology of all body systems. F
 2 hours lecture/week

MDT 104—Basic Medical Transcription 5 Credits

Transcription practice utilizing dictated medical reports such as histories and physicals, consultations, operative reports, discharge summaries, x-ray and pathology reports. F

14 hours laboratory/week

MDT 105—Medical Transcription Procedures I 1 Credit

The study of medical transcription practices and procedures according to American Association for Medical Transcription guidelines. Review of basic grammar and punctuation rules. Introduction to medical ethics, medicolegal issues, regulatory agencies as well as other pertinent health information management issues related to the practice of medical transcription.

MDT 110—Computer Concepts in Medical Transcription 1 Credit

A study of computer applications related to the practice of medical transcription to include word processing functions that will enhance productivity. Practice with typing tutorial software to increase speed and accuracy.

MDT 111—Advanced Medical Transcription 5 Credits

Advanced medical transcription with emphasis on speed and accuracy in a variety of types of medical transcription. Sp

15 hours laboratory/week

MDT 112—Clinical Practicum 6 Credits

Transcription experience in a medical facility. Sp

16 hours clinical/week

***MDT 114—Medical Transcription Review Seminar I 2 Credits**

Review of medical terminology, anatomy & physiology, pharmacology, and medical transcription procedures according to the AAMT Book of Style including rules of grammar and punctuation. (Prerequisite: previous coursework in medical terminology and anatomy & physiology recommended.) F

2 hours lecture

***MDT 115—Medical Transcription Review Seminar II 2 Credits**

Transcription practice of authentic physician dictation in a variety of medical specialties. Transcripts graded according to the AAMT Style Guide. Review of AAMT style guidelines. (Prerequisites: Medical transcription experience in hospital clinical information department, transcription service or equivalent setting; one year minimum is recommended.) Sp

2 hours lecture

***MDT 116—Medical Transcription Review Seminar III 4 Credits**

Transcription practice of authentic physician dictation in a variety of medical specialties. Review of AAMT Style Guide rules. Transcripts graded according to the AAMT Style Guide. Provides advanced medical transcription practice in an effort to enhance transcription skills and assist less experienced medical transcriptionist in preparation for the practical portion (part II) of the CMT (certified medical transcriptionist) examination. (Prerequisite: MDT 115) F

*This course does not meet any curriculum requirements for any program, with the exception of technical requirement for the A.A.S. General Technology program.

MDT 120—Advanced Medical Terminology 1 Credit

A study of human diseases and associated laboratory, radiological and surgical terminology.

1 hour lecture/week

MDT 125—Pharmacology Concepts in Medical Transcription 1 Credit

This course will familiarize the student with the trade names and brand names of a variety of medications, drug classifications and general therapeutic use.

1 hour lecture/week

MDT 1020—Medical Terminology Part A 2 Credits

A study of basic elements of a medical word: word roots, suffixes and prefixes. Diagnostic, clinical, laboratory and surgical terms are also learned in the following body systems: gastrointestinal, respiratory, cardiovascular, blood, lymph and immune systems. F

2 hours lecture/week

MDT 1021—Medical Terminology Part B 1 Credit

A study of basic elements of a medical word: word roots, suffixes and prefixes. Diagnostic, clinical, laboratory, and surgical terms are also learned in the following body systems: musculoskeletal, nervous system, special senses, genitourinary, female reproductive and endocrine, and integumentary. Sp

1 hour lecture/week

MDT 1030—Anatomy Concepts in Medical Transcription Part A 1 Credit

A study of basic anatomy and physiology of the following: Introduction to the human body; tissues, glands, and membranes; skin; digestion; respiration; heart; blood vessels and blood circulation; blood; lymphatic system and immunity. F

1 hour lecture/week

MDT 1031—Anatomy Concepts in Medical Transcription Part B 1 Credit

A study of basic anatomy and physiology of the following body systems: skeletal; muscular, nervous, sensory, urinary, male and female reproduction and endocrine. Sp

1 hour lecture/week

MDT 1040—Basic Medical Transcription Part A 3 Credits

Transcription practice utilizing dictated medical records such as histories and physicals, consultations, operative reports, discharge summaries, and x-ray reports in the following specialties: dermatology, gastrointestinal, pulmonary, and cardiovascular. The study of medical transcription practices and procedures according to the American Association for Medical Transcription guidelines. In addition, a limited review of the rules of grammar and punctuation as they pertain to the function of medical transcription is also included. F

9 hours lab practice each week

MDT 1041—Basic Medical Transcription Part B 2 Credits

Transcription practice utilizing dictated medical records such as office-related notes and letters, histories and physicals, consultations, operative reports, discharge summaries, and x-ray reports. The study of medical transcription practices and procedures according to the American Association for Medical Transcription guidelines. Introduction to medical ethics, medicolegal issues, regulatory agencies as well as other pertinent health information management issues related to the practice of medical transcription is also included. Sp

6 hours lab practice each week

MILITARY SCIENCE

AIR FORCE

MSAF 1010—The Air Force Today I 1 Credit

This is a survey course that focuses on the organizational structure and missions of the Air Force; officership and professionalism, and includes an introduction to communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, health and physical fitness, and drill and ceremonies is mandatory. *On Demand*. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1030)

MSAF 1020—The Air Force Today II 1 Credit

This course is a continuation of MSAF 1010 that focuses on the organizational structure and missions of the Air Force; officership and professionalism, and includes an introduction to communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, health and physical fitness, and drill and ceremonies is mandatory. *On Demand*. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1040)

MSAF 1030—Leadership Laboratory I 1 Credit

Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. *On Demand*. (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1020)

MSAF 1040—Leadership Laboratory II 1 Credit

Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing; correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. *On Demand.* (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 1020)

MSAF 2010—The Development of Air Power I 1 Credit

This course focuses on factors contributing to the development of air power from its earliest beginnings through two world wars; the evolution of air power concepts and doctrine; and an assessment of communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, Air Force environment, drill and ceremonies, and field training orientation is mandatory. *On Demand.* (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2030)

MSAF 2020—The Development of Air Power II 1 Credit

This course is a continuation of MSAF 2010 that focuses on factors contributing to the development of air power from its earliest beginnings through two world wars; the evolution of air power concepts and doctrine; and an assessment of communicative skills. A weekly leadership laboratory consisting of Air Force customs and courtesies, Air Force environment, drill and ceremonies, and field training orientation is mandatory. *On Demand.* (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2040)

MSAF 2030—Leadership Laboratory III 1 Credit

Leadership Laboratory includes a study of Air Force customs and courtesies, drills and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. *On Demand.* (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2010)

MSAF 2040—Leadership Laboratory IV 1 Credit

Leadership Laboratory includes a study of Air Force customs and courtesies, drills, and ceremonies, and giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force officer; and learning about opportunities available to commissioned officers. *On Demand.* (Prerequisite: Permission from ROTC program at the University of Tennessee, Knoxville. Corequisite: MSAF 2020)

ARMY**MSAR 101—Foundations of Officership 2 Credits**

Discusses organization and role of the Army. Emphasizes basic life skills pertaining to fitness and communication. Analyzes Army values and expected ethical behavior. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering and optional field training exercises.

MSAR 102—Basic Leadership 2 Credits

Develops basic skills that underlie effective problem solving. Examines factors that influence leader and group effectiveness. Emphasis communication skills to include active listening and feedback techniques. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering and optional field training exercises.

MSAR 103—Army ROTC Fitness Program 1 Credit

Develops individual muscular strength, muscular endurance and cardio-respiratory endurance. Classes are divided into groups based on ability and exercises are geared toward personnel improvement. Primary evaluation is the Army Physical Fitness Test, which consists of pushups, situps and a two-mile run. May be repeated. Maximum 4.

MSAR 200—Leaders' Training Course 4 Credits

A 28-day leadership of self, self-confidence, and individual leadership skills. Concentrates on problem solving and critical thinking skills. Emphasizes communication skills such as feedback and conflict resolution. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises.

MSAR 201—Individual Leadership Studies 3 Credits

Develops knowledge of self, self-confidence, individual leadership skills. Concentrates on problem solving and critical thinking skills. Emphasizes communication skills such as feedback and conflict resolution. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises.

MSAR Leadership and Problem Solving 3 Credits

Focuses on self-development through understanding of self and group processes. Examines leadership through group projects and historical case studies. Adventure training skills lab introduces land navigation, rifle marksmanship, mountaineering, and optional field training exercises. (Prerequisite: MSAR 201 or consent of the professor of Military Science.)

MUSIC**THEORY AND LITERATURE****◆ MUS 1030—Music Appreciation 3 Credits**

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

◆ MUS 110—Music Theory I (Fall only) 3 Credits

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.)

MUS 111—Theory Practicum I (Fall only) 1 Credit

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 110, Music Theory I.

◆ MUS 120—Music Theory II (Spring only) 3 Credits

Study of standard vocabulary of harmony, part writing, form, and analysis of common practice music. Must be taken in sequence. (Prerequisite: ◆MUS 110.)

MUS 121—Theory Practicum II (Spring only) 1 Credit

Development of proficiency in identifying and notating melodic, harmonic and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with ◆MUS 120, Music Theory II.

◆ MUS 131—Pop Music in America 3 Credits

A survey of American music representative of the present day scene, focusing on the evolution of rock music. Open to all students. F, Sp

◆ MUS 140—Fundamentals of Music 3 Credits

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.

◆ MUS 210—Music Theory III (Fall only) 3 Credits

A study of tonicization, modulation, chromatic harmony, chord progressions, partwriting, form and analysis leading to an understanding of harmony and melody in 19th century music. (Prerequisites: ◆MUS 110 and ◆MUS 120)

MUS 211—Theory Practicum III (Fall only) 1 Credit

A continuation of MUS 121, Theory Practicum II. Continue to develop aural listening skills and proficiency in identifying intervals, compound intervals, all scales, modes and chords. Ability to vocalize and notate complex melodies, harmonies, and rhythms. Should be taken concurrently with ◆MUS 210, Music Theory III. (Prerequisite: ◆MUS 121)

◆ MUS 220—Music Theory IV (Spring only) 3 Credits

Study of modulation, chromatic harmonies, 20th century harmonies, and other harmonic procedures since the common practice period. Must be taken in sequence. (Prerequisites: Music Theory I and II.)

MUS 221—Theory Practicum IV (Spring only) 1 Credit

Development of proficiency in identifying and notating complex melodic, harmonic, and rhythmic dictation. Must be taken in sequence. Should be taken concurrently with ♦MUS 220, Music Theory IV.

♦MUS 230—Introduction to Music Literature I 3 Credits

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. Offered only in alternate Fall semesters.

♦MUS 240—Introduction to Music Literature II 3 Credits

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.

♦MUS 250—Choral Conducting 3 Credits

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. Sp

APPLIED MUSIC: ENSEMBLES

Non-music majors are invited to participate in any of the music ensembles. Auditions are required only for MUS 113—Celebration; all other ensembles are open to all students. All ensembles may be repeated for credit but cannot be repeated to replace a failing grade.

MUS 112—Roane State Concert Choir 1 Credit

Performs a variety of music, from pop to major choral works and selections from standard choral literature. Meets three hours per week. May be repeated for credit. Open to all students.

MUS 113—Celebration 1 Credit

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.)

MUS 114—Celebration Choreography 1 Credit

Meets two hours per week and begins one week prior to the beginning of fall semester. Student accepted into Celebration are expected to participate in the class both fall and spring semesters of the academic year.

MUS 115—Small Instrumental Ensembles 1 Credit

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. F, Sp

MUS 116—Concert Band 1 Credit

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. F, Sp

MUS 117—Jazz Band 1 Credit

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.

MUS 118—Gospel Choir 1 Credit

Perform traditional and contemporary gospel music designed for students who enjoy singing gospel music. Emphasis is placed upon public performances. Meets three hours per week. May be repeated for credit. Open to all students.

MUS 119—Women’s Choir 1 Credit

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.

APPLIED MUSIC: CLASS INSTRUCTION

Class piano or class voice is offered for music major and non-music majors who wish to begin or continue basic instruction in these areas. May be repeated for credit.

MUS 101—Voice Class I 1 Credit

Group instruction in basic vocal techniques, focusing on vocal styles of the 20th century. Class meets twice per week.

MUS 102—Voice Class II 1 Credit

Continuation of group instruction in voice, focusing on performance skills and stage presence. Class meets twice per week.

MUS 103—Class Piano I 1 Credit

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.

MUS 104—Class Piano II 1 Credit

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.

MUS 108—Contemporary Guitar Class 1 Credit

Group instruction in basic skills of guitar, focusing on contemporary and folk music. Class meets twice weekly.

MUS 200-209—Music Seminar 1-3 Credits

This course is designed for those students who are interested in pursuing an in-depth study of some particular music area.

APPLIED MUSIC: INDIVIDUAL INSTRUCTION

Private lessons in voice, organ, piano, or other instruments may be taken each semester for one or two semester hours credit. Any student may take private lessons. Scheduling preferences will be given to full-time music majors. Students receive 25 minutes of private instruction per week per semester hour of credit. Any student may take applied music instruction in a minor area. Repeatable each semester for credit but may not be repeated to replace a failing grade.

Requirements include one performance in solo class per semester (when registered for two hours Individual Instruction Credit) and performance before a faculty jury at the close of each semester. A recital is required for music majors in their applied major field during their second year of study. All students taking applied music are required to attend all solo classes and other selected performances. The music department reserves the right to request qualified students to participate in recitals and other musical programs for the benefit of the college and the community. A minimum of 10 hours of practice per week is required of students in their major area of concentration. Five hours of practice per week is required of all others.

MUS 010—Solo Class No Credit

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.

MUS 020—Recital No Credit

Required of all Music and Music Education majors in their performance area. Should be registered for the last semester before graduation.

MUS 105—Accompanying 1 Credit

Accompany voice lessons, ensembles, and recitals in order to learn the fundamentals of accompanying. Two voice students assigned per semester hour. Admittance by audition.

MUS 106—Accompanying 2 Credits

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.)

Each of the following courses may be repeated for credit. The course number identifies the type of college credit, instrument, and credit hours. Students registering for any of the following courses should contact the instructor to schedule the lessons.

INSTRUMENT	ELECTIVE	ELECTIVE	1ST YEAR	2ND YEAR
	ONE CREDIT	TWO CREDITS	MAJOR TWO CREDITS	MAJOR TWO CREDITS
Trumpet	MUS 152	MUS 153	MUS 252	MUS 253
Trombone	MUS 154	MUS 155	MUS 254	MUS 255
Baritone/Tuba	MUS 156	MUS 157	MUS 256	MUS 257
Flute	MUS 160	MUS 161	MUS 260	MUS 261
Oboe	MUS 162	MUS 163	MUS 262	MUS 263
Bassoon	MUS 164	MUS 165	MUS 264	MUS 265
Clarinet	MUS 166	MUS 167	MUS 266	MUS 267
Saxophone	MUS 168	MUS 169	MUS 268	MUS 269
Guitar	MUS 170	MUS 171	MUS 270	MUS 271
Violin/Viola	MUS 172	MUS 173	MUS 272	MUS 273
Cello	MUS 174	MUS 175	MUS 274	MUS 275
String Bass	MUS 176	MUS 177	MUS 276	MUS 277
Piano	MUS 180	MUS 181	MUS 280	MUS 281
Organ	MUS 182	MUS 183	MUS 282	MUS 283
Percussion	MUS 184	MUS 185	MUS 284	MUS 285
Voice	MUS 190	MUS 191	MUS 290	MUS 291

NURSING

NSG 105—Foundations for Nursing Practice 10 Credits

Introduction to the nursing process as it is applied to individuals at various stages throughout the life cycle. Content areas will include the role of nursing in health care delivery; basic human needs; legal and ethical considerations; the nursing process; therapeutic communication; vital signs; physical assessment; promotion of comfort; safety; hazards of immobility; infection control; wound care; medication administration; elimination; oxygenation; perioperative care; sensory alterations; sleep; nutrition; stress; psychosocial, cultural, and family factors in health care; loss, death, and grief. (Prerequisites or corequisites: ♦BIOL 2010; corequisite: NSG 118) F
6 hours lecture—6 hours clinical—6 hours laboratory

NSG 107—Care of the Childbearing Family 4 Credits

Students will continue to apply the nursing process to care of the child-bearing family. Content areas include patient education; family planning; conception & fetal development; pregnancy; fetal assessment; labor & delivery; postpartum care; care of the newborn; maternal-infant nutrition; and care of the high-risk child-bearing family. (Prerequisites: BIOL 2010, NSG 105 and NSG 118; corequisites: ♦BIOL 2020, NSG 109, plus NSG 126 for LPNs) Sp
3 hours lecture—6 hours clinical for 1/2 semester

NSG 109—Adult and Child Health I 6 Credits

This course introduces the student to pediatric and adult medical-surgical concepts within the framework of the nursing process. Emphasis is placed on pathophysiologic disturbances and related nursing skills. Content includes fluids and electrolytes; communicable diseases; orthopedic, EENT, autoimmune, oncologic and hematologic disorders; and dysfunctions of the integumentary, and reproductive systems. (Prerequisites or corequisites for LPNs: NSG 105 and NSG 118; corequisites: ♦BIOL 2020 and NSG 107) Sp
3 hours lecture—6 hours clinical—6 hours laboratory for 1/2 semester

- NSG 115—Fundamentals of Nursing** **10 Credits**
(Prerequisite: Admission to LPN Mobility Program)
- NSG 118—Pharmacology** **3 Credits**
This course will introduce the student to drug standards and legislation pertaining to drug therapy; drug preparations; basic principles of drug action; application of the nursing process in drug therapy; pediatric and geriatric implications in drug therapy; distribution systems; drug orders; mathematic principles related to drug preparation and administration; routes of drug administration; drug classifications; basic mechanisms of action, therapeutic applications, and nursing implications. (Prerequisite: Admission into Nursing Program; corequisite: NSG 105) F
- NSG 126—Pharmacology in Nursing** **3 Credits**
Includes all content in NSG 118. (Prerequisites: ♦ BIOL 2010) (Corequisites: ♦ BIOL 2020, NSG 107, 109) Sp
- NSG 210—Adult and Child Health II** **10 Credits**
A continuation of Adult and Child Health I. This course increases the pathophysiologic knowledge base in pediatric and adult medical-surgical health care within the framework of the nursing process. Content areas includes the care of clients with cardiovascular, respiratory, renal, neurologic, endocrine, and gastrointestinal system dysfunctions. (Prerequisites: ♦ BIOL 2010, 2020, 2230, NSG 109) F
6 hours lecture—12 hours clinical
- NSG 212—Psychosocial Nursing** **4 Credits**
This course focuses on the psychosocial needs of individuals of differing age groups at varying points on the mental health continuum. Multiple theoretical models are presented as the scientific bases for the implementation of the nursing process. (Prerequisites: NSG 210) Sp
3 hours lecture—6 hours clinical for 1/2 semester
- NSG 215—Transitions to Nursing Practice** **4 Credits**
A seminar course which focuses on exploration of nursing roles, organizational approaches to the delivery of nursing care, client and organizational management, and contemporary issues in nursing and health care. Clinical experiences focus on refinement of advanced nursing skills. (Prerequisite: NSG 210) Sp
2.7 class hours/week—60 hours clinical/semester
- NSG 1051—Foundations for Nursing Practice-Part A*** **5 Credits**
Introduction to the nursing process as it is applied to individuals at various stages throughout the life cycle. Content areas will include the role of nursing in health care delivery; basic human needs; legal and ethical considerations; the nursing process; therapeutic communication; vital signs; physical assessment and promotion of comfort. (Prerequisite or Corequisite: BIO 2010; Corequisite: NSG 118) F
3 hours lecture—6 hours laboratory
- NSG 1052—Foundations for Nursing Practice-Part B*** **5 Credits**
This course content includes safety; hazards of immobility, infection control; wound care; medication administration; elimination; oxygenation; perioperative care; sensory alterations; sleep; nutrition; stress; psychological, cultural, and family factors in health care; loss, death and grief. (Prerequisites: BIO 2010, NSG 118, NSG 1051) (Corequisite: BIOL 2020) Sp
3 hours lecture—4 hours laboratory first 7 weeks
4 hours clinical last 6 weeks plus 6 hours clinical entire semester
- NSG 2101—Adult and Child Health II-Part A*** **5 Credits**
This course increases the pathophysiologic knowledge base in pediatric and adult medical-surgical health care within the framework of the nursing process. Content areas include the care of clients with cardiovascular and respiratory system dysfunctions. (Prerequisite: NSG 107, 109, 212 and BIOL 2230) F
3 hours lecture—4 hours clinical entire semester with
8 hours clinical half semester

NSG 2102—Adult and Child Health II-Part B* 5 Credits

This course increases the pathophysiologic knowledge base in pediatric and adult medical-surgical health care within the framework of the nursing process. Content areas include the care of clients with renal, endocrine, and gastrointestinal system dysfunctions. (Prerequisite: NSG 2101) Sp
3 hours lecture—8 hours clinical first 4 weeks

*Course is split into 2 semesters for part-time program.

OFFICE ADMINISTRATION**OAD 100—Keyboarding for the Computer 1 Credit**

A software-based computer course designed for individuals with no prior keyboarding experience; develops touch mastery needed for information input; emphasis is on speed and accuracy. A pass-fail grading system will be used with 25 words a minute required. Note: This course will not be accepted as part of the Office Administration degree. F, Sp, Su

OAD 101—Keyboarding and Formatting 3 Credits

Students will use computers and keyboarding software to develop proper techniques of touch keyboarding and will be introduced to basic formatting techniques using MSWord 2002 software. Speed, accuracy and control are emphasized in developing touch mastery for alphabetic, numeric and symbol information input. F, Sp

OAD 102—Document Processing 3 Credits

This course covers the intermediate principles and techniques of document processing using computers and MSWord 2002 software. Emphasis is placed upon planning and organizing a range of business communications and upon meeting production standards essential to the operation of modern offices. (Prerequisite: OAD 101) F, Sp

OAD 105—Business Communications 3 Credits

This course focuses on the fundamentals of English—parts of speech, word usage, punctuation, capitalization, abbreviations, numbers, spelling, proofreading, and editing. Marketing portfolio preparation, composing different types of business correspondence, and presenting information are emphasized. F

OAD 201—Administrative Office Management 3 Credits

This course is an integration of in-depth discussion and practical applications of administrative support systems and procedures for the office professional in making contributions to the managerial functions of the electronic office. Sp

OAD 204—Information and Document Control 3 Credits

This course covers the flow of paper and electronic documents through the information processing cycle, from creation to distribution, retention and destruction. The Internet and MSWord will be used for gathering information and creating documents. MSAccess will be used for records management projects. Study will include records inventory, retention and destruction schedules, security tactics and disaster recovery plans. (Prerequisite: OAD 101) Sp

OAD 205—Integrated Applications 3 Credits

Computers and Microsoft XP software are used in this course that emphasizes productivity and mastery of integrating MSWord, Excel, PowerPoint and Access. Simulated office situations and a variety of activities are included. (Prerequisite: OAD 102) F, Sp

OAD 211-215—Seminar in Office Administration 1-3 Credits

An updating or analysis of a particular topic, concern, or problem in office administration. May include courses in preparation for the CPS exam and/or recertification.

OAD 250—Work Experience (Office Central) 3 Credits

Practical application of office skills is achieved through serving in each of the positions in the model office under the supervision of the instructor. Projects from the college staff as well as local small businesses will be completed for actual work experience. (Prerequisite: OAD 101) F, Sp

OCCUPATIONAL THERAPY ASSISTANT

All OTA courses are required to be taken in sequence, as listed in the degree check-list. Admission to the program is required prior to taking OTA course with the exception of OTA 104.

OTA 102—Introduction to Occupational Therapy 2 Credits

An introduction to the health care system and to the profession of occupational therapy. Included are the history and philosophical base of the profession and its personnel, an overview of medical terminology, application of learning style, and an orientation to ethics. F
2 hours lecture/week

OTA 104—Rehabilitation Communication 2 Credits

This course includes information on written and oral communication used by rehabilitation professionals. Included are medical terminology, a study of the patient medical record, patient documentation, and use of focused professional literature to write abstracts and perform medical literature reviews. Emphasis will be on practical use of medical terminology and the medical documentation. Course prerequisite: ENG 101. F
2 hours lecture

OTA 107—Therapeutic Activities 3 Credits

Analysis and performance of a variety of media emphasizing the concept of activity as therapeutic. Students will learn the grading and adaptation of selected activities and have the opportunity to order supplies, learn safety and maintenance of equipment, and to teach activities. F
2 hours lecture—3 hours laboratory/week

OTA 110—Theory and Treatment of Psychosocial Dysfunction 5 Credits

Description of psychosocial dysfunctions 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. Sp
4 hours lecture—3 hours laboratory/week

OTA 115—Level I Psychosocial Fieldwork 2 Credits

Directed observation and participation in either psychosocial or community setting to learn the clinical application of occupational therapy principles and techniques. Sp
15 hours lecture—40 hours clinical fieldwork

OTA 117—Neurological Theory and Treatment 4 Credits

Student will review basic neuroanatomy, neurophysiology and learn pathologies commonly seen in OT. Students will apply treatment principles in lab. Sp
3 hours lecture—3 hours laboratory

OTA 209—Theory and Treatment of PAMs 3 Credits

This course will familiarize students with commonly used electrical stimulation, thermal and mechanical agents. The student will learn theory and application as well as how to integrate these PAMs into occupational therapy intervention plans. Use of PAMs as an adjunct to therapy or in preparation for purposeful activity will be addressed. (This is an OTA elective course and does not count toward degree requirements.) F, Sp
3 hours lecture/lab combination

OTA 210—Theory and Treatment of Physical Dysfunction 5 Credits

The student will learn about physical pathologies and disabilities commonly seen in occupational therapy as well as current treatment techniques and methods. Treatment applications and rationale will be explored in lecture and laboratory with simulated treatment practice. F
4 hours lecture—3 hours laboratory/week

OTA 212—Occupational Therapy Practice Management 2 Credits

Basic knowledge of the responsibilities of an OT department and in the health care setting. Planning and management of activity service is included. Current topics and issues in OT practice as well as the changing role from student to employee are explored. F
2 hours lecture/semester

OTA 213—Clinical Application of Electrical and Thermal Modalities 1 Credit

Supervised clinical application of various physical agent modalities in approved setting. Minimum of 15 patient treatments. (This is an OTA elective course and does not count toward degree requirements). (Prerequisite or corequisite: OTA 209) F, SP

OTA 216—Pediatric Theory and Treatment 5 Credits

Descriptions of commonly treated disorders in children and developmentally disabled individuals. Occupational therapy treatment techniques, rationale and application are presented. Laboratory experience will include basic treatment skills and simulated treatment practice using purposeful activities. F

4 hours lecture—3 hours laboratory

OTA 217—Level I Physical Disability Fieldwork 2 Credits

Students will participate in occupational therapy treatment of clients with physical dysfunctions in clinical setting. F

15 hours lecture—40 hours clinical fieldwork

OTA 221—Life Development Fieldwork II 7 Credits

Supervised fieldwork in an approved mental health, community, educational, early intervention, work hardening, or other appropriate setting. Spring or summer, 8 weeks, full time. (Prerequisite: All required coursework must be completed.) Sp or Su

320 total hours

OTA 226—Medically Based Fieldwork II 7 Credits

Supervised fieldwork in an approved medically based setting. (Prerequisite: all required coursework must be completed.) Spring, eight weeks, full time.

320 total hours

OTA 227—Optional Fieldwork 3 Credits

Level II fieldwork in a specialized setting. This is an OTA elective course, and does not count towards degree requirements. 40 hours/week clinical fieldwork (3-6 weeks). Sp

OPTICIANRY**OPT 101—Introduction to Opticianry 5 Credits**

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.

4 hours lecture—3 hours clinic

OPT 110—Ophthalmic Dispensing I 4 Credits

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 hours lecture—3 hours clinic

OPT 120—Ophthalmic Materials I 4 Credits

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 hours lecture—3 hours laboratory

OPT 123—Geometric Optics for Opticians 3 Credits

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. (Prerequisite: ♦ MATH 1110). Sp

Combination lecture/lab (4 hours/week)

- OPT 130—Contact Lenses I 4 Credits**
 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 hours lecture—3 hours laboratory
- OPT 140—Practicum 3 Credits**
 Supervised fieldwork in a retail dispensary under a licensed optician, optometrist, or ophthalmologist.
 120 total hours
- OPT 143—Anatomy and Physiology of the Eye 5 Credits**
 A detailed study of the structures and functions of the eye and its adnexa, as well as an overview of common ocular pathologies.
 5 hours lecture
- OPT 210—Ophthalmic Dispensing II 5 Credits**
 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.
 4 hours lecture—3 hours clinic
- OPT 220—Ophthalmic Materials II 5 Credits**
 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 of spectacles. ANSI standards applied to all lab work.
 4 hours lecture—3 hours laboratory
- OPT 230—Contact Lenses II 5 Credits**
 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.
 4 hours lecture—3 hours laboratory
- OPT 260—Ophthalmic Dispensing III 5 Credits**
 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.
 4 hours lecture—3 hours clinic
- OPT 270—Ophthalmic Materials III 4 Credits**
 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: semirrimless mounts, various repairs, progressive lenses, bifocal projects, and prism Rx's.
 3 hours lecture—3 hours laboratory
- OPT 280—Contact Lenses III 4 Credits**
 Continuation of Contact Lenses II, dealing mainly with special fitting problems and special lens designs. Practice management techniques are included, as well as continued use of all needed instrumentation.
 3 hours lecture—3 hours laboratory

PHILOSOPHY

- ◆ **PHIL 111—Elementary Logic 3 Credits**
Study of the principles of reasoning, deductive and inductive fundamentals, and the use of logic as a practical tool for critical thinking.
- ◆ **PHIL 121—Elementary Ethics 3 Credits**
Critical analysis of the principal ethical theories and their application to the problems of life.
- ◆ **PHIL 130-150—Philosophy Seminar 1-3 Credits**
Designed to give students an in-depth study of a particular topic in contemporary branches of philosophy, including PHIL 130—History of God in Judaism, Christianity and Islam; PHIL 131 (Book of Revelation) and a proposed PHIL 132 (Book of Genesis).
- ◆ **PHIL 201—Introduction to Religions of the World 3 Credits**
Introduction to the study of religion through selected historical traditions, East and West.
- ◆ **PHIL 231—Medical Ethics 3 Credits**
Deals with ethical issues in allied health fields such as abortion, euthanasia, patient-professional relationships, allocation of medical resources, genetic engineering, and related topics.
- ◆ **PHIL 1030—Introduction to Philosophy 3 Credits**
A study of problems that confront humans as they deal with knowledge and the nature of the world and their interaction with it.

PHYSICAL EDUCATION

The goal of RSCC's wellness-related physical education classes is to optimize the quality of life for all students. The classes are designed to teach students ways to reduce their risks of disease while improving their levels of fitness.

PHED activity classes meet twice a week for the entire semester, with the exception of the video course. Challenge exams and/or credit by proficiency exams are **NOT** given for PHED activity classes.

- ◆ **PHED 1060—Judo I 1 Credit**
This course is a U.S. Judo Association accredited class that covers the requirements for one belt (kyu) certification and advancement. You will learn the throws, techniques of control, immobilizations on the ground, bending and locking joints, and the language of the art forms used in the course.
- PHED 1070—Judo II 1 Credit**
This course will demonstrate the techniques and movements utilized in Judo, an ancient, non-violent, defensive martial art. The course will also explore the underlying philosophy and terminology of Judo.
- PHED 1080—Jujitsu 1 Credit**
This course will demonstrate the techniques and movements utilized in Jujitsu, an ancient form of self-defense that originated in Japan. The course will also explore Jujitsu's underlying philosophy and terminology. Optional addition: Jujitsu was designed to turn the force of an opponent's attack against him, throw an attacker off-balance, topple the opponent, and immobilize him after getting him on the ground.
- ◆ **PHED 1100—Fitness Walking 1 Credit**
Proper techniques for walking for fitness. Emphasis on health benefits of walking.
- ◆ **PHED 1120—Slimnastics 1 Credit**
For those interested in losing body fat and improving physical fitness.
- ◆ **PHED 1130—Aerobics 1 Credit**
A continuation of slimnastics, emphasizing cardiorespiratory endurance and changes in the body composition.

- ◆ **PHED 1170—Basketball** **1 Credit**
Practice of fundamentals as well as the various types of play.
- ◆ **PHED 1180—Bowling** **1 Credit**
Proper selection of equipment, correct method of approach and release of the bowling ball, and scoring. A fee will be charged for facility and equipment rental. F, Sp
- ◆ **PHED 1210—Golf** **1 Credit**
Acquaintance of the beginning player with correct swing, selection and use of the various clubs, and fundamentals.
- ◆ **PHED 1300—Weight Training** **1 Credit**
An introduction to the proper techniques and practices of weight training.
- ◆ **PHED 1310—Marksmanship and Firearms Safety** **1 Credit**
Training in safe and efficient use of small bore rifles for pleasure. Shooting practice with .22 caliber rifles. Emphasis on safety to protect all students involved. As needed.
- ◆ **PHED 1320—Racquetball** **1 Credit**
Instruction and practice in racquetball fundamentals. A fee will be charged for facility use.
- ◆ **PHED 1330—Softball** **1 Credit**
Instruction and practice in the fundamentals of catching, batting, and backing up other positions. Rules and strategies.
- ◆ **PHED 1340—Tennis** **1 Credit**
Instruction and practice in the development of basic strokes, rules, and terminology, with emphasis on learning to play singles and doubles.
- ◆ **PHED 1350—Volleyball** **1 Credit**
Fundamentals, rules, and strategy of play.
- ◆ **PHED 1360—Skiing** **1 Credit**
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.
- ◆ **PHED 1380—Fitness for Living I** **1 Credit**
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.
- ◆ **PHED 1390—Fitness for Living II** **1 Credit**
A continuation of PED 138 (Prerequisite: PED 138).
- ◆ **PHED 1400—Fitness for Living III** **1 Credit**
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.
- ◆ **PHED 1410—Fitness for Living IV** **1 Credit**
An individual fitness program which encompasses cardio respiratory endurance, muscular endurance, muscular strength, flexibility and body composition.
- ◆ **PHED 1750—Concept of Wellness** **2 Credits**
A course that emphasizes a six-dimensional model of wellness (physical, emotional, occupational, 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.

- ◆ **PHED 2050—Recreational Hiking 2 Credits**
 Instruction and experience in hiking for exercise and recreational enjoyment: Fundamentals of hiking, safety concerns, preparation and planning, and use of trail maps. Prerequisite: P.E. Fitness Walking or permission of instructor. (Counts as only one hour toward PE requirement.)
 1 hour lecture/2 hours activity
- ◆ **PHED 2310—Wilderness Camping 3 Credits**
 A course designed to inform the novice through the experienced outdoors-person on the latest equipment, techniques, and clothing for safe hiking and camping. Students may apply this course toward one of the required physical education activity courses.
- ◆ **PHED 2510—Swimming 1 Credit**
 Training for beginners in swimming, emphasizing recreational swimming. A special fee will be charged for this course based on facility rental charges.
- ◆ **PHED 2550—Rowing 1 Credit**
 Fundamentals of rowing, including proper technique, safety, physical fitness, terminology, and recreational aspects of rowing.

PHYSICAL THERAPIST ASSISTANT

ALL PTA COURSES MUST BE TAKEN IN APPROPRIATE SEQUENCE, AS LISTED IN THE DEGREE CHECKLIST. ADMISSION TO THE PTA PROGRAM IS REQUIRED PRIOR TO TAKING ANY PTA COURSES.

- PTA 102—Introduction to Physical Therapy 2 Credits**
 This is a web course that introduces the student to the profession of physical therapy and the concepts of the total patient. Current issues in health care that impact physical therapy are investigated. It provides information about the role of the physical therapist assistant in terms of professional, legal and ethical standards. It also provides an introduction to the concepts of disability, cultural diversity and ethical decision-making. Part of this class requires the student to complete 12 hours of observation in a physical therapy setting under the supervision of a registered PT or PTA. This experience will be documented and satisfy one of the course requirements as well as serving as one of the admissions criteria. Open to all students. F, SP
 Includes 12 hours of clinical observation
- PTA 121—Kinesiology 3 Credits**
 This course presents the basic concept of kinesiology. The perspective taken in studying this subject is from that of a physical therapist assistant. A good understanding of musculoskeletal anatomy will be reinforced and the neurological connection addressed. Emphasis is placed on normal motion and movement patterns, especially as they apply to physical rehabilitation. Bio-mechanical principles and the functional aspects of the musculoskeletal system are introduced. The course includes an introduction to posture, normal and pathological gait, goniometry and MMT. (Prerequisites: BIO 231, BIO 232 and acceptance into the PTA program). F
 2 hours lecture—3 hours laboratory
- PTA 141—Patient Care Techniques 4 Credits**
 This course introduces the student to basic skills necessary for assessment and safe care of the patient and teaches the theory and techniques of basic patient care procedures. F
 2 hours lecture—6 hours laboratory
- PTA 145—Terminology for Medical Communication 2 Credits**
 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 health professionals.

PTA 151—Therapeutic Modalities 5 Credits

This course discusses the general principles of therapeutic heat, cold, electricity, light, massage, intermittent compression, hydrotherapy, pool therapy and traction. The physiologic effects, indications, contraindications and appropriate application of numerous modalities are presented. F

3 hours lecture—6 hours laboratory

PTA 214—Treatment of Medical/Surgical Conditions 3 Credits

This course introduces the student to common medical and surgical conditions and their management. Sp

3 hours lecture

PTA 235—Advanced Physical Therapy Procedures I 6 Credits

This course introduces the student to the fundamentals of therapeutic exercise. Rehabilitation concepts and procedures are discussed and practiced in terms of goals, indications, contraindications, progression, modifications, adaptations and documentation per patient status. Treatment of common orthopedic conditions, cardiovascular conditions and amputations are also presented. Sp

4 hours lecture—6 hours laboratory

PTA 236—Advanced Physical Therapy Procedures II 6 Credits

This course introduces the student to the fundamentals of motor retraining in the adult and pediatric patient with neurological damage. Study of normal/abnormal movement, developmental sequence of gross and fine motor skills and motor skill acquisition across the life span are included. Treatment of common neurological, respiratory and ob/gyn conditions are presented. Rehabilitation concepts and procedures are discussed and practiced in terms of goals, indications, contraindications, progression, modifications, adaptations and documentation per patient status. Sp

4 hours lecture—6 hours laboratory

PTA 238—Clinical Preparation I 3 Credits

This course prepares the PTA student for his/her clinical experiences and entry into the field as a physical therapist assistant. The student will begin to develop the concept of comprehensive patient care with mock clinic assignments. As an assistant to the Fitness Lab instructor and PTA faculty, the student will develop his/her skill as a PTA in the areas of wellness and prevention. The last four Fridays of the semester the student will participate in an integrated clinical affiliation. F

2 hours lecture—32 hours clinic

PTA 239—Clinical Preparation II 2 Credits

This course continues to prepare the PTA student for his/her clinical experiences and entry into the field as a physical therapist assistant. Each student will further develop the concept of comprehensive patient care with mock clinic assignments. This semester will offer the student additional experiences in wellness and prevention as they assist in the Fitness Center. The last four Fridays of the semester the student will participate in an integrated clinical affiliation. SP

1 hour lecture—32 hours clinic

PTA 244—Seminar 1 Credit

This concentrated course completes the transition from student to physical therapist assistant. Case studies prepared by the students during their summer clinicals are presented and discussed. Additional attention to cultural diversity and ethical issues is provided. Strategies for successfully completing the State Licensure Exam are discussed. Employment issues are addressed and a mock board exam is offered. Su

15 hours

PTA 256—Clinical Education I 6 Credits

Supervised patient care and clinical observation for the final semester PTA student. Su

240 hours clinic

PTA 257—Clinical Education II 6 Credits

Supervised patient care and clinical observation for the final semester PTA student. Su

240 hours clinic

PHYSICS

- ◆ **PHYS 1010—Survey of Physics** **4 Credits**
 This survey course will touch on the basic principles of physics with an emphasis on understanding the concepts involved (as opposed to the calculational aspects). Math will be used when needed to understand physical relationships, or to familiarize you with some of the great concepts that changed the world. When you leave this course, you should be able to have informed opinions on current science issues.
 3 hours lecture—3 hours laboratory/recitation
- ◆ **PHYS 2010—Non-Calculus Based Physics I** **4 Credits**
 Covers mechanics, wave motion, and heat. (Prerequisite: College algebra and trigonometry such as Pre-calculus, or equivalent) Must be taken in sequence. F
 3 hours lecture—3 hours laboratory
- ◆ **PHYS 2020—Non-Calculus Based Physics II** **4 Credits**
 Covers electricity and magnetism, optics, and modern physics. (Prerequisite: PHYS 2010) Sp
 3 hours lecture—3 hours laboratory
- ◆ **PHYS 2110—Calculus-Based Physics I** **4 Credits**
 Covers mechanics, wave motion, and heat (Prerequisite: ◆MATH 1910 Calculus I.) Must be taken in sequence. F
 3 hours lecture—3 hours laboratory
- ◆ **PHYS 2120—Calculus-Based Physics II** **4 Credits**
 Covers electricity and magnetism, optics, and modern physics. (Prerequisite: ◆PHYS 2110) Sp
 3 hours lecture—3 hours laboratory
- ◆ **PHYS 2310-2590—Independent Scientific Investigation** **2 Credits**
 Independent research and development in physics by qualified students under the supervision of a faculty member. Especially intended to develop interest and skill in the techniques of physics research and development. Up to six hours credit may be earned. (Consent of the faculty member.)

POLITICAL SCIENCE

- POL 101—United States Government and Politics** **3 Credits**
 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
- POL 102—Introduction to Political Science** **3 Credits**
 An introduction to the analysis of politics and of political systems and political ideologies in various countries. Sp
 NOTE: POL 102 H, Honors is an enriched introduction to Political Science with extra readings, less lecture and more discussion. (Prerequisite: Consent of instructor.) As needed.

POLYSOMNOGRAPHY

- PSG 101—Polysomnography I** **4 Credits**
 This course covers the International 10-20 System, application of sensors used in polysomnograms (sleep studies), calibration and functioning of polysomnographic equipment, and procedures used in performing sleep studies.
 3 hours lecture—3 hours laboratory
- PSG 104—Sleep Disorders Diagnosis and Treatments** **4 Credits**
 This course covers sleep history; diagnosis and treatment of sleep disorders; cardiac, neuroanatomy, neurophysiology and respiratory functioning during sleep; and medical guidelines for polysomnography.
 4 hours lecture

PSG 107—Polysomnographic EKG Interpretation 3 Credits

This course covers identification of cardiac dysrhythmias, anatomy of the heart and abnormal heart rhythms seen during polysomnography.

Combination lecture lab—3 hours 24 minutes

PSG 111—Polysomnography II 4 Credits

This course covers troubleshoot equipment malfunctions, CPAP titration, EEG abnormalities, artifact elimination, conducting the all-night polysomnogram, MSLT/MWT studies, electrical safety, ancillary equipment and maintenance of polysomnographic equipment.

3 hours lecture—3 hours laboratory

PSG 116—Polysomnographic Interpretation 3 Credits

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 hours lecture—3 hours lab

PSG 120—Clinical I 3 Credits

Students will complete rotations at clinical sites to gain experience working with polysomnographic equipment and sleep disorders patients.

120 total clinical hours

PSG 125—Clinical II 5 Credits

Continuation of Clinical I.

240 total clinical hours

PSYCHOLOGY**PSY 110—General Psychology 3 Credits**

A survey course dealing with the scientific analysis of human behavior and mental processes. F, Sp, Su

NOTE: PSY 110, Honors General Psychology, is an enriched introduction to psychology with extra readings, less lecture, and more discussion. (Prerequisite: Consent of instructor)

PSY 205—Psychology of Adjustment 3 Credits

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. F, Sp

PSY 210—Biological Basis of Behavior 3 Credits

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. F, Sp

PSY 213—Abnormal Psychology 3 Credits

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: PSY 110. F

PSY 220—Developmental Psychology 3 Credits

A survey course dealing with the physical, cognitive, social and emotional aspects of the human developmental processes—from conception to death. F, Sp, Su

RADIOLOGIC TECHNOLOGY**RDT 102—Introduction to Radiologic Technology 4 Credits**

Orientation to the profession, the radiology department, and the hospital. Major areas of study include: basic radiation protection, darkroom management, body mechanics, fire and electrical safety, medical ethics, patient care, and medical terminology. F

4 hours lecture

- RDT 103—Image Analysis I** **1 Credit**
 Evaluation of the image for positioning and technical quality. Identification of pertinent anatomical structures. Areas of study include: chest, abdomen, and contrast studies. F
 2 hours laboratory
- RDT 106—Clinical Education I** **4 Credits**
 Practical application in the radiology department. Skills include application of technical factors, radiographic positioning, patient interaction, and professional behavior. Students must demonstrate competence by performing radiologic examinations unassisted. F
 16 hours clinical experience per week
- RDT 107—Clinical Education II** **5 Credits**
 Continuation of Clinical Education I. (An additional 40 hours of clinical is scheduled during the preceding intersession.) Sp
 16 hours clinical experience per week
- RDT 108—Clinical Education III** **4 Credits**
 Continuation of Clinical Education II. (An additional 40 hours of clinical experience is scheduled during the preceding intersession.) Su
 16 hours clinical experience per week
- RDT 110—Image Analysis II** **1 Credit**
 Continuation of Image Analysis I. Areas of study include: upper and lower extremities, hip/pelvis, bony thorax, and vertebral column. Sp
 2 hours laboratory
- RDT 113—Radiographic Procedures I** **4 Credits**
 Basic principles of radiographic terminology and positioning for routine and contrast procedures. Study areas include: chest, abdomen, digestive and urinary systems. F
 3 hours lecture—2 hours laboratory
- RDT 114—Radiographic Procedures II** **4 Credits**
 Continuation of Radiographic Procedures I. New areas of study include upper and lower extremities, shoulder girdle, hip/pelvis, bony thorax and vertebral column. F
 3 hours lecture—2 hours laboratory
- RDT 122—Exposure Technique** **4 Credits**
 An analysis of the technical factors that influence film quality. Sp
 4 hours lecture
- RDT 130—Radiographic Processing** **2 Credits**
 A study of silver image formation, manual and automatic processing, and radiographic quality control tools and procedures. Su
 4 hours lecture for eight weeks
- RDT 203—Image Analysis III** **1 Credit**
 Continuation of Image Analysis II. Area of study: headwork. Su
 2 hour laboratory for eight weeks
- RDT 206—Clinical Education IV** **10 Credits**
 Continuation of Clinical Education III. (An additional 80 hours of clinical is scheduled during the preceding intersession.) F
 24 hours clinical experience per week
- RDT 207—Clinical Education V** **8 Credits**
 Continuation of Clinical Education IV. Sp
 24 hours clinical experience per week
- RDT 210—Radiographic Procedures III** **2 Credits**
 Continuation of Radiographic Procedures II. Areas of study are vertebral column, bony thorax, skull, facial bones, and sinuses. Su
 3 hours lecture—2 hours laboratory per week for 8 weeks

- RDT 212—Radiographic Procedures IV** **3 Credits**
 A study of special and supplementary procedures and equipment including a review of radiographic pathology. F
 3 hours lecture
- RDT 215—Advanced Radiography** **1 Credit**
 A study of the positioning and exposure modifications required for trauma, geriatric patients and patients with unusual conditions, body types or diseases. Also, exposure experiments, use of Q-C tools, advanced radiographic anatomy and film critique to prepare the student for entry-level job skills.
- RDT 222—Radiation Protection** **2 Credits**
 A study of the biological effects of ionizing radiation, patient and personnel protection, maximum permissible dose, personnel monitoring, and units of measurement for radiation exposure. Sp
 2 hours lecture
- RDT 225—Radiation Physics** **3 Credits**
 A study of electromagnetism, production and properties of x-rays, interactions with matter, x-ray tube and circuitry, and specialized imaging equipment. F
 3 hours lecture
- RDT 226—Radiologic Science I** **4 Credits**
 Knowledge of the profession is enhanced through group discussion, research and writing. A comprehensive review of radiologic technology registry content is included.
 4 hours lecture
- RDT 227—Radiologic Science II** **2 Credits**
 Continuation of Radiologic Science I. Su
 5 hours lecture for 6 weeks
- RDT 230—Image Analysis IV** **1 Credit**
 Continuation of Image Analysis III. Areas of study: special and supplementary procedures. F
 1 hour laboratory
- RDT 251—Clinical Education VI** **2 Credits**
 Continuation of Clinical Education V. Su
 24 hours clinical experience per week

READING AND STUDY SKILLS

- DSPS 0800—College Success Strategies** **2 Credits**
 This course reviews the speaking, listening, and study skills techniques which facilitate successful participation in college courses. (Cannot be used to satisfy minimum number hours required for graduation.)
- DSPR 0700—Basic Reading** **3 Credits**
 Designed to develop fundamental reading skills through systematic approaches to instruction in vocabulary and comprehension. Satisfactory completion of this course or other evidence of competencies in these areas is a prerequisite for REA 080.
- DSPR 0800—College Reading** **3 Credits**
 Provides instruction for the improvement of college reading skills with special emphasis on assessment and remediation. It is designed to develop college-level reading competence through lecture, discussion and small-group instruction. Primary focus is given to the development of inferential and critical reading ability.

RECREATION

REC 201—Social Recreation 3 Credits
 Introduces methods and materials for planning, organizing, and conducting social activities for groups of various sizes and ages in a variety of social situations. Emphasis is on the mechanics of planning and presenting a repertoire of activities for social recreation events. Major activities will be discussed, played, and/or demonstrated.

RESPIRATORY THERAPY

RTT 121—Cardiopulmonary-Renal Anatomy and Physiology 4 Credits
 An in-depth study of the structure and function of the cardiopulmonary and renal organ systems, including the study of hemoglobin, oxygen, carbon dioxide, and acid base balance in health and disease. (Spring Semester - First Year)
 4 hours lecture

RTT 122—Respiratory Care Science I 4 Credits
 Course will discuss the following information: ethical/legal issues as they pertain to the respiratory care profession. Patient assessment techniques to include vital signs, cardio/thoracic assessment, radiographic, diagnostic, and laboratory test and results. Medical terminology, stems, suffixes, prefixes and root words. Introduction to charting, utilization of the SOAP technique, and other relative patient information. Principle, operation, maintenance, and troubleshooting of compressed gas sources and gas administration devices will be discussed. An introduction of humidity and aerosol theories and therapies and an introduction to compressed gas monitoring equipment will be included.
 3 hours lecture—3 hours laboratory

RTT 123—Respiratory Pharmacology 2 Credits
 Course will discuss drug preparations, basic principles of drug action, distribution systems, drug orders, mathematical principles related to drug preparation and administration, routes of drug administration, drug classifications, basic mechanisms of action, and therapeutic applications for drugs administered by respiratory therapists.
 2 hours lecture

RTT 131—Pathology of Respiratory Diseases I 2 Credits
 A study of common respiratory abnormalities. Anatomical alterations of the lungs due to disease, the etiology of the disease, the major respiratory-related clinical manifestations associated with the disease process, and treatment of the disease will be studied. (Spring Semester - First Year)
 2 hours lecture

RTT 132—Respiratory Care Science II 7 Credits
 This course will be a continuation of Respiratory Care Science I. In this course, the following will be discussed: therapeutic aerosol delivery both long and short term. Aspects of airway care to include: tracheal aspiration, various types airways, intubation/extubation techniques, cuff care, and trach care procedures will be discussed. Continued discussions of medical terminology will occur. Procedures and theory of hyperinflation therapy will be taught to include: deep breathing and coughing techniques, Sustained Maximal Inspiration (SMI), and Intermittent Positive Pressure Breathing (IPPB). Students will be introduced to the clinical sites, and will get an understanding of the clinical policies and procedures. Students will apply procedural methods learned in Respiratory Care Science I in the clinical setting.
 3 hours lecture—3 hours lab—12 hours clinic

RTT 220—Respiratory Care Science III 4 Credits
 This course will primarily discuss the concepts and physiological effects of mechanical ventilation. Various types of ventilators from hand-held devices to computer controlled devices will be discussed. Various ventilatory adjuncts such as P.E.E.P., C.P.A.P., S.I.M.V., Pressure Support, and others will be discussed in this course. Mechanical ventilation preparation, set-up, monitoring and troubleshooting will be discussed in detail. Students will be introduced to critical care medicine during the clinical rotations and will perform those procedures studied in Respiratory Care Science II. Medical rounds with physicians will be conducted along with patient case presentations.
 2 hours lecture—3 hours lab—6 hours clinic

RTT 225—Pulmonary Function Studies 2 Credits

The study of pulmonary concepts and techniques for testing of pulmonary function will be discussed, including specialized studies and evaluations.

2 hours lecture

RTT 230—Respiratory Care Science IV 7 Credits

This course will be a continuation of Respiratory Care Science III. Concepts of ventilator weaning will be discussed. Various types of ventilators and techniques for monitoring and adjusting parameters will be discussed. Students will begin work in the critical care areas. Procedures learned in Respiratory Care Science III will be performed by students during this clinical rotation. Students will continue physician rounds during this rotation, and gain experience in the use of advance patient monitoring equipment and working with various mechanical ventilators.

3 hours lecture—3 hours lab—12 hours clinic

RTT 231—Pathology of Respiratory Diseases II 2 Credits

A continuation of Pathology of Respiratory Diseases I. (Summer Semester - First Year)

2 hours lecture

RTT 235—Neonatal and Pediatric Care 3 Credits

A detailed study of respiratory care concepts and techniques in neonatal and pediatric medicine. A close look at advanced equipment used in this specialty area as well as disease processes will be discussed.

3 hours lecture

RTT 240—Critical Care Methods 2 Credits

This course is designed to introduce students to various techniques used in the critical care area. Special ventilatory techniques will be discussed to include: inverse ratio ventilation, independent lung ventilation, high frequency ventilation, liquid ventilation, and airway pressure release ventilation. The use of conscious sedation, chest drainage systems, ventilator waveforms, transportation of patients both air and land, sleep studies, and hyperbaric medicine will also be discussed. The student will also participate in the writing and application of care plans for patients in the critical care area.

2 hours lecture

RTT 245—Respiratory Care Science V 7 Credits

This course 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 will be discussed. Theory and introduction to special diagnostics such as bronchoscopy, stress testing, pulmonary rehabilitation, metabolic studies, and brachytherapy will also be included. Patient education methods will be introduced. Care of patients in the sub-acute care will also be introduced to the student. In the clinical setting students will continue work in the critical care areas and will work with and perform those modalities discussed in Respiratory Care Science IV. Students will also gain knowledge of and work in the pediatric and neonatal intensive care areas. Students must complete a final clinical summation evaluation during this clinical rotation.

3 hours lecture—3 hours lab—12 hours clinic

RTT 260—Hemodynamics and Rhythms 3 Credits

This course will introduce the student to the following: Theory and application of cardiac output measurement. Arterial line insertion techniques, care, and hazards. Hemodynamic studies to include: insertion, care, and hazards of flow directed balloon tipped catheter and the central venous pressure catheter. Pressure monitoring will discuss central venous pressures, right arterial pressures, right ventricular pressures, pulmonary artery pressures, and pulmonary occluding pressures. Study will also introduce the student to equipment associated with hemodynamic monitoring such as: transducers and monitoring devices. Waveform interpretation with clinical application will be discussed. Fundamentals of electrocardiography will be introduced to include: lead application, pharmacology for the cardiovascular problems, and tracing interpretation. Studies in fluid and electrolyte balance as it related to respiratory care will also be discussed.

3 hours lecture

RTT 261—Respiratory Care Seminar 2 Credits

A review and practice of the NBRC Self Assessment Examinations including the entry level written registry, and the clinical simulation. Students must pass these examinations to receive a certificate of completion.

SOCIAL SCIENCE

(Courses in ECO, GGY, HIST, POL, PSY and SOC may also be taken as Social Science electives.)

SSC 102—Social Science Seminar: Travel Study 1 Credit

This seminar is a travel course (3-4 day week-end) that enables students to visit sites, museums, and other facilities for academic study in social science disciplines. Recent field trips include travel study to Washington, D.C., Williamsburg and Jamestown, VA, Gettysburg and Amish Country, PA, and New York City. Repeatable for up to six hours credit.

SSC 210-290—Social Science Seminar 1-3 Credits

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. As needed.

SSC 120—The Civil War 3 Credits

The purpose of this course is to study and gain an understanding of the great central event of American history, the Civil War. Major political, economic, social, and military developments will be examined through use of a textbook, the PBS video series—"The Civil War," lecture, and class discussion.

SSC 215—World War II 3 Credits

This course examines the largest single event in human history, the Second World War. The background to this conflict along with political, diplomatic, and military aspects will be studied through use of a textbook, "The World at War" video series, lecture, and class discussion.

SSC 216—Death and Dying 3 Credits

An interdisciplinary (including contributions from Anthropology, Art, Ethics, Health Sciences, History, Literature, Philosophy, Public and Government Policy, Religion, and Sociology) and humanistic study of death, dying and bereavement, including key issues and concerns. (Cross listed as HUM 261)

SSC 217—United States Supreme Court 3 Credits

A survey of the structure and decision-making process of the United States Supreme Court, including in-depth study of recurring legal issues before the Court and how the Court's decisions impact the lives of all Americans.

SSC 230—Anthropology of Religion 3 Credits

This seminar is a general survey of religious beliefs and activities among non-industrial societies. The course will concentrate on the anthropological study of belief systems, myths, rituals and ceremonies, rites of passage, cultural change and adaptation, and revitalization movement. Crosslisted as HUM 263.

SSC 239—North American Indians 3 Credits

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.

SSC 270—Appalachian Culture 3 Credits

A general survey of the historical and cultural development of the region of Southern Appalachia. Emphasis will be placed on topics such as physiography, native Americans, historical settlement, rivers and transportation, folklore and crafts, farming and mining activities, and political and social developments. This course will include field trips to significant sites such as Cades Cove in the Great Smoky Mountains, the Blue Heron mining community in the Big South Fork National Recreation Area, and the Museum of Appalachia in Norris. As needed. No prerequisite.

SOCIAL SERVICES**SOCS 1010—Introduction to Social Services 3 Credits**

An introduction and orientation to the field of social services. The course focuses on professional values and ethics, on the diverse population groups served, and on the historical development and present structure of social services. *Agency related field experience required.*

SOCS 1020—Human Behavior in the Social Environment 3 Credits

A study of human motivation and the impact of the social environment on human behavior as well as the development of the socialization skills and coping mechanisms necessary for effectively functioning in social contexts.

SOCS 2010—Social Services for Children and Youth 3 Credits

Examines the special needs of children and youth and the social services that are available to meet those needs.

SOCS 2015—Social Services for Special Populations 3 Credits

Examines the special needs of women, minorities, the elderly and other vulnerable populations and the social services that are available to meet those needs.

SOCS 2020—Theories and Methods of Social Service Practice 3 Credits

The theories, methods, and skills of professional practice, including adversarial, conciliatory, developmental, and restorative processes. Emphasis on the team approach to and techniques of casework with individuals and groups. (Prerequisite: SOCS 1010)

SOCS 2025—Survey of Counseling Theories 3 Credits

A comparative analysis of the major theoretical approaches to the practice of counseling and psychotherapy including psychodynamic, behavioral, cognitive behavioral, gestalt, transactional analysis, and rational emotive and family systems therapy.

SOCS 2030—Violence and Conflict 3 Credits

The cause and consequences of violent conflicts between individuals and groups and conflict resolution techniques.

SOCS 2035—Alcohol and Drug Abuse 3 Credits

Social issues involved in alcohol and drug abuse and the assessment of sociological theories of alcohol and drug abuse, its prevention and remediation. (Equivalent Sociology/other course may be substituted for this course.)

SOCS 2045—Family Systems 3 Credits

An examination of the interpersonal interaction patterns existing in families and of the problems experienced by families in contemporary American society. Special emphasis is given to examining emotional and physical abuse, drug and alcohol addiction, alternative life styles, and changing gender roles.

SOCS 2060—Field Practicum 5 Credits

Students will complete a minimum of 150 clock hours or work experience in a social service agency approved by the department and will be supervised by both an on-site mentor and a college practicum supervisor. Students are also required to attend all scheduled seminar meetings. (Prerequisite: completion of 30 hours of major core courses or permission of instructor.) This course is designed to provide students with direct professional experience in the field of social services.

SOCIOLOGY

SOC 201—Introduction to Sociology 3 Credits

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

SOC 202—Social Problems 3 Credits

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 social problems examined include environmental abuse, population and resource challenges, war, social inequality, technology, and violence. F, Sp

SOC 211—Cultural Anthropology 3 Credits

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. F, Sp

SOC 212—Prehistoric Archaeology 3 Credits

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. (As needed)

SOMATIC THERAPY

MAS 100—Introduction to Therapeutic Massage 3 Credits

Students will practice a massage routine designed to enhance relaxation and stress reduction. Careful attention to sanitation, hygiene, client comfort, and modesty will be part of the course requirements. Equipment and creating an environment for relaxation will be briefly addressed.
1 hour lecture/5 hours lab

MAS 102—Practice Issues 1 Credit

Client intake; sanitation and hygiene; legal and professional issues; and avoiding burnout will be discussed and analyzed. CPR certification will be required. Coursework will include establishing clinical placement and getting contracts signed for spring semester.
1 hour lecture

MAS 105—East Asian Massage and Bodywork 2 Credits

Students will be introduced to several therapies based on meridian/acupoint theory (Tuina, Shitasu, Amma, Accupressure, etc.) and on movement and breath (Tai Chi, Yoga, Etc.) Meridian/acupoint theory is now covered in the National Certification Exam for Therapeutic Massage and Bodywork.
2 hours lecture/1 hour lab

MAS 110—Massage Anatomy, Physiology & Pathology I 3 Credits

Students will learn anatomy and physiology of all body systems with special emphasis on muscle fascia and bones. Coursework will include building muscles in clay during the laboratory portion, palpation, kinesiology, and self-awareness skills will also be developed.
lecture/lab combination

MAS 112—Massage Anatomy, Physiology & Pathology II 3 Credits

Continuation of MAS 110.

lecture/lab combination

MAS 116—Mind, Body and Ethics 2 Credits

This course covers the effects of touch and touch therapies on physiology, self-concept, human development, interpersonal relationships and society. Students will begin to develop professional boundaries as well as confidence and compassion in addressing the emotional dimensions of massage therapy. Codes of ethics will be examined and applied to real life dilemmas in massage practices.

2 hours lecture

- MAS 119—Public Outreach for Massage 2 Credits**
 This course will cover chair massage, sports event massage, public speaking/professional relationships related to massage practice. To build clientele, massage and somatic therapists must reach the public with brief, effective and professional demonstrations and presentations. Many massage therapists volunteer at athletic events as public relations for their businesses. Many groups and organizations offer the opportunity for guest speakers to educate their members about new, unusual or highly beneficial topics such as somatic therapies.
 2 hours lecture/1 hour laboratory
- MAS 120—Swedish Massage 3 Credits**
 Students will be taught the techniques of Swedish Massage, which serves as the foundation in which all Western massage techniques were developed. Swedish Massage dates back to the early 19th century and is based on a scientific system of manipulating soft tissues.
 1 hour lecture—5 hours laboratory
- MAS 123—Overview of Somatic Therapies 2 Credits**
 With hundreds of somatic therapy sub-specialties requiring advanced training, students need exposure to practitioners of as many of these as possible. When guest lecture/demonstration/lab presenters who practice an important sub-specialty are not available, the text will be used.
 2 hour lecture—1 hour laboratory
- MAS 130—Neuromuscular Therapy 4 Credits**
 Neuromuscular therapy is designed to provide relief for patients suffering from acute and/or chronic myofascial (muscle-connective tissue) pain. Students will apply knowledge of neurological laws, ischemia, trigger points, nerve entrapment, and postural distortion to choose appropriate and effective techniques. Use of SOAP charts to document sessions is required. Main areas of concentration include head and neck, shoulder, carpal tunnel, and low back pain.
 2 hour lecture—6 hour laboratory
- MAS 135—Massage for Special Populations 2 Credits**
 Infant, pregnancy, and geriatric massage are the main focus of this course. Other populations related to student interests and instructor expertise may be addressed also.
 2 hours lecture/1 hour laboratory
- MAS 151—Massage Business and Marketing 1 Credit**
 Students will be introduced to business record keeping, insurance billing, independent contractor agreements, promotional materials, and methods of building a practice.
 1 hour lecture
- MAS 152—Clinical Massage Practice 2 Credits**
 Students must document at least 60 hours of massage practice and attend at least two seminar sessions. The experiential learning activities of recruiting clients and arranging at least one outside setting for giving massage sessions may be completed prior to the course starting.
 Clinical

SPANISH

- ◆ **SPAN 1010—Beginning Spanish I 3 Credits**
 Elementary grammar, pronunciation and conversation through the use of films, videotapes, cassette tapes, filmstrips and computer programs. (No prerequisite)
- ◆ **SPAN 1020—Beginning Spanish II 3 Credits**
 Continuation of Beginning Spanish I. (Prerequisite: SPA 101)
- ◆ **SPAN 2010—Intermediate Spanish I 3 Credits**
 Advanced grammar and conversation through use of films, videotapes, cassette tapes, filmstrips, computer programs and library readings. (Prerequisite: SPA 102)
- ◆ **SPAN 2020—Intermediate Spanish II 3 Credits**
 Continuation of Intermediate Spanish I. (Prerequisite: SPA 201)

SPEECH & THEATRE

- ◆ **SPCH 201—Basic Speech Communication 3 Credits**
Designed to introduce the student to the basic principles and techniques of public speaking. Emphasis in class is placed upon the selection of subjects and supporting materials, the organization of the speech, and the oral and physical aspects of delivery. One section of this course is designed specifically for students pursuing a career in the health sciences. Topics include medical-ethical questions, interviewing techniques, and interpersonal communication skill building. F, Sp, Su
- ◆ **SPCH 221—Business and Professional Speaking 3 Credits**
Designed for students going into management, human relations, communications, personnel management and the sciences where the individual must work on a person-to-person basis. Included in the course are units on presenting informative reports, using visuals, interview and conference techniques, and manuscript speaking. (No prerequisite) Sp
- ◆ **THEA 1010—Introduction to Theatre 3 Credits**
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.
- ◆ **THEA 231—Fundamentals of Acting I 3 Credits**
Fundamentals of Acting will emphasize the mechanics (vocal and physical) of presenting a character on stage. F.
- ◆ **THEA 232—Fundamentals of Acting II 3 Credits**
Improvisations, use of acting techniques in extensive work. Emphasis placed on special problems in contemporary roles. (Prerequisite: SPE 231 or permission of instructor)
- THEA 2510—Theatre Practicum I 1 Credit**
- THEA 2520—Theatre Practicum II 1 Credit**
- THEA 2530—Theatre Practicum III 1 Credit**
- THEA 2540—Theatre Practicum IV 1 Credit**
- THEA 2550—Theatre Practicum V 1 Credit**
- THEA 2560—Theatre Practicum VI 1 Credit**

Field experience courses 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.

STUDENT SUCCESS STRATEGIES

- SSS 101—Study Skills Enhancement 2 Credits**
Designed for returning students who are not required to enroll in AD “College Success Strategies” but who feel they need support and instruction for study skills, time management, interpersonal and formal communication skills, and other topics which contribute to overall student success.

TECHNOLOGY

- TEC 101—General Technology I 1-10 Credits**
An in-depth analysis of a particular topic, concern or problem as it applies to modern technology. May be used for experiential credit with prior approval from the Dean of Math and Natural Sciences.
- TEC 102—General Technology II 1-10 Credits**
A continuation or extension of General Technology I.

- TEC 110—Basic Computer-Aided Design and Drafting 3 Credits**
Introduction to basic computer-aided design and drafting (CADD). Subject areas include an exploration of multiview projections and CAD programs, creating, editing and displaying two-dimensional information. Upon completion of the course the student will be able to draw, dimension and display principle views of objects using orthographic microcomputer techniques.
- TEC 115—Introduction to CAD Software 3 Credits**
A survey of the most popular and available CAD programs used in today's work environment. The student will be introduced to various CAD programs to offer insight for selection and use in a work or personal use environment.
- TEC 120—Application of CAD 3 Credits**
This course is designed to explore advanced applications in a CAD application. Tasks include customization, object-linking, dynamic data exchange, and importing and exporting files.
- TEC 201—General Technology III 1-8 Credits**
A continuation or extension of General Technology II.
- TEC 205—Writing for Technical Fields 3 Credits**
A technical writing course designed for students in non-degree technical programs. Incorporates introductory basic writing skills, the course begins with editing based on grammar and punctuation skills and covers purpose, audience, organization, clarity and conciseness. Writing and editing memoranda, business letters, project proposals and reports will provide the main focus. (TEC 205 is not a transferable course and cannot be substituted for ENG 231.)

ULTRASOUND

- *ULT 110—Abdominal Sonography 3 Credits**
This course is a study of the cross-sectional anatomy of the abdominal organs and their normal and pathological appearance on ultrasound. This course includes the study of small parts sonography in the areas of thyroid, breast and scrotum.
- *ULT 130—Obstetrics & Gynecology 3 Credits**
This is a study of the female pelvic organs in the non-gravid and gravid condition and how normal and abnormal anatomy appears on ultrasound. It includes the study of the normal and abnormal fetus as evaluated by sonography.
- *ULT 140—Ultrasound Physics 2 Credits**
This ultrasound physics course is a detailed study of how ultrasound produces our image and how it interacts with tissue. Quality assurance and safety issues are also covered.
- *ULT 160—Advanced Sonography Practice & Review 2 Credits**
A study of current and miscellaneous ultrasound procedures. A comprehensive review of ultrasound physics, abdominal ultrasound and ob/gyn ultrasound.
- *ULT 120—Sonography Analysis I 1 Credit**
Introduction to the critiquing of ultrasound images on a basic level to improve the students' ability to use sonographic terminology in describing ultrasound images. Students will submit 2 basic normal case studies and the analysis of two ultrasound journal articles. This is an independent study.
- *ULT 150—Sonography Analysis II 2 Credits**
A course designed to improve the students' skills in recognizing technical errors on sonograms. Students will submit 3 abnormal case studies and the analysis of three ultrasound journal articles. This is an independent study.
- *ULT 170—Sonography Analysis III 1 Credit**
A course designed to improve the students' skills in presenting a sonogram for reading by the interpreting physician. Students will submit 3 abnormal case studies and will complete a scientific research paper. This is an independent study.

***ULT 180—Vascular Sonography 2 Credits**

This is a study of the cerebrovascular system. It includes extracranial, intracranial and peripheral vascular imaging. Normal and abnormal conditions are studied as it relates to sonography.

***ULT 190 Echocardiography 2 Credits**

This course is a study of the cross-sectional anatomy of the heart and its related vessels. It includes practical knowledge and application of two-dimensional m-mode, Doppler, color flow Doppler, transesophageal and stress echocardiography. Normal and abnormal conditions of the heart as related to echocardiography are covered.

***ULT 200—Pediatric Sonography 1 Credit**

A study of sonographic procedures that is specific to the neonate and pediatric patient. This includes neonatal head, neonatal spine and specific diseases of the abdomen and pelvis of the pediatric patient.

*This course does not meet any curricular requirements for any program, with the exception of the technical requirement for the A.A.S. General Technology program.

STUDENT SERVICES

(www.roanestate.edu keyword: Dean of Students)

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. When classes are in session, the main campus cafeteria is open from 7:30 a.m. until 2:00 p.m. while the Oak Ridge grill is open from 10 a.m. until 6 p.m.

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 first quality, fresh, and good tasting, the vendor replaces all unsold machine items on a regularly scheduled basis.

LIBRARIES

E-Mail address: librarystaff@roanestate.edu

Homepage: www.roanestate.edu/library

The college libraries serve primarily the students, faculty and staff, and, secondarily, members of the surrounding communities. Through its collection of books, periodicals, microfilm and other material, the library makes resources available to support the curriculum and to provide for recreational use.

Information available online includes easy access to:

- library catalogs of RSCC, TBR institutions, the UT system, Tennessee public libraries and the Library of Congress
- both print and electronic books
- periodical databases (with indexing and/or full-text articles)
- selected websites of specific interest to the curricular and recreational needs of our community
- federal information via <http://www.firstgov.gov/>

The Library of Congress classification system is used and books are shelved in open stacks for self-service. Books may be checked out for a two-week period and may be renewed. No fines are charged for overdue books, but they are subject to recall if needed for another borrower.

All books are to be returned by the end of each semester. Students who have overdue books from Roane State (or other libraries to which they have access as Roane State students) will not receive grade reports or be allowed to register the following semester. Borrowers are responsible for replacement of lost or damaged materials.

Periodicals and newspapers are to be used in the library and do not circulate.

Interlibrary loan service is provided to students, faculty and staff. The interlibrary loan service borrows material not owned by the Roane State Library from another library on request. Information is available from any member of the library staff. Internet access computers are available in each library for public use.

The libraries have reciprocal borrowing agreements with other libraries for RSCC students, faculty and staff. Details are available at any of the libraries.

Roane County—(865) 882-4553

Library hours when classes are in session in Roane County are:

- 8 a.m. to 10 p.m.—Monday through Thursday
- 8 a.m. to 5 p.m.—Friday
- 9 a.m. to 1 p.m.—Saturday

When classes are not in session, changes in library hours will be posted at the entrance and circulation desk. All library hours are posted on the website. A book drop is available so that materials may be returned when the library is closed.

Computers with internet capability are located on both floors of the library. The law collection is housed separately in a second floor law library.

A photocopier is available for those who need copies at a cost of 10 cents per copy. Many periodicals are available on microfilm for which reader/copiers are provided at no charge.

Daily courier service to every site is available for all library materials.

Oak Ridge Branch Campus—(865) 481-2004

The David and Pat Coffey Library has a reference collection, periodicals, circulating books, and a basic law collection. The collection has an emphasis on health science information.

A librarian is available for reference assistance, bibliographic instruction, library tours and reader services. The library is open extended hours during the regular semester including evenings and Saturdays. Check the web page for specific information.

Periodicals and newspapers are to be used in the library and do not circulate. A photocopier is available for those who need copies at a cost of 10 cents per copy. Internet access computers are available for public use.

Daily courier service is readily available for circulating materials from each RSCC library. The entire library collection, along with periodical indexes and several other information databases can be searched from the web page.

Satellite Centers

Both the Howard Baker Jr. Library at the Scott County Center and the Cumberland Clinic Foundation Memorial Library at the Cumberland County Center contain a basic reference collection, periodicals, circulating books, basic law collection and career information.

Daily courier service is readily available for circulating materials from any RSCC library. The collection, along with the periodical indexes and several other information databases can be searched from the web page.

Requests for materials to be sent from other RSCC libraries may be placed through the center receptionists, by email to librарystaff@roanestate.edu, by phone at ext. 4553 or via request forms on the web page.

Many public libraries in each of the areas served by the off-campus centers have agreed to help serve RSCC students and staff. Information is available from any member of the library staff.

CENTER FOR TEACHING ARTS AND TECHNOLOGY (CTAT)

The Center for Teaching Arts and Technology, a Tennessee Center of Emphasis for higher education, serves the faculty, staff and students at RSCC as well as members of the surrounding communities. The primary purpose of the center is to promote the use of instructional technologies to enhance learning at Roane State by assisting faculty members in the implementation of these technologies in their classes. Faculty members are currently using WebCT, the IDEA rooms, and audiovisual software to deliver distance education courses throughout a seven-campus region. Many faculty members make extensive use of our audiovisual collection consisting of over four thousand audiotapes, videotapes, and DVDs. This center also serves the college by maintaining the RSCC web site, conducting computer and technology training for faculty and staff, and providing audiovisual support during special events such as the Academic Festival and graduation.

Center hours are: 7:45 a.m. to 5:00 p.m. Monday through Friday.

Closed during scheduled administrative closing days and holidays.

Any faculty member, staff member, student or community member requiring assistance should contact a member of the CTAT staff.

Contact information: Telephone: (865) 882-4556
Email: ctat@roanestate.edu

Microcomputers and software are available in the library for public use. There are also several microcomputer laboratories available for student use.

CTAT is designed to provide the faculty and staff with near state-of-the-art instructional technologies emphasizing instruction to students and staff. The use of these technologies will be supported through internal instructional workshops emphasizing hands-on use of the equipment and media as well as individual assistance during one-on-one training.

INCLEMENT WEATHER

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 local media each day.

CHANGE OF NAME OR ADDRESS

The Records and Registration 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 his failure to notify the college of any change(s) stated above.

SMOKING

Roane State Community College is a smoke-free campus. Smoking or use of other tobacco products is prohibited inside any building. Smoking is permitted outside of buildings in designated locations.

(See RSCC Policy GA-21-01).

SUBSIDIARY USE OF THE COLLEGE CAMPUS

As a general rule, visitors who desire to visit the college campus in a casual and informal manner are welcome. Non-members of the college community who have not been authorized in writing to use the college facilities and who repeatedly visit or spend a large portion of their time on the college campus interfere with the normal activities of the college and will be asked to leave.

The buildings, facilities, and campus of the college are reserved and dedicated to educational use, and no use may be made of the facility which is inconsistent with that primary use.

The college, acting on its own or at the request of a registered and recognized campus organization, may invite speakers, performers, or entertainers to appear before audiences on the college campus. No non-member of the college community may speak, perform, or entertain before an audience on the college campus without such an invitation and the written approval of the college of the time, place, and manner of such appearance. Rental of college facilities by non-college personnel may be arranged through BOOKIT (Office of Continuing Education) or the Dean of the Oak Ridge Campus.

No person or persons shall use any sound amplifying equipment on the college campus other than that requested by the college officials in carrying on the normal activities of the college.

No person shall take advantage of the large concentration and semi-captive audience of students and faculty to organize on the campus any assembly, moratorium, strike, sit-in, parade, demonstration or similar activity which substantially interferes with the normal activities of the college or the rights of others.

No person who threatens to substantially interfere with the normal activities of the college or to substantially interfere with or deny the lawful rights of others to use the facilities of the college shall enter or remain upon the college campus.

Children should not be brought to class or left unattended in any area of the college. Out of consideration to fellow students, faculty and staff, and for safety reasons, please secure appropriate babysitting services off-campus.

Non-members of the campus community are required while on the campus to observe and comply with the rules and regulations adopted by the college or the Tennessee Board of Regents. Non-members of the campus community are also required while on the campus to identify themselves upon the request of either campus officers or campus security or other law enforcement officials in the performance of their duty.

LEARNING SUPPORT SERVICES

Our Learning and Writing Centers provide free learning assistance to students, faculty, staff and to community members in the service area. There are two Learning Centers, one on the Roane County Campus (second floor of the Library) and one on the Cumberland County Campus (Rm. 152) and a Writing Center on the Oak Ridge Branch Campus (E-108). Visit our web site at www.roanestate.edu/learningcenter.

Tutoring in Math, Science and Other Disciplines—The two Learning Centers provide tutoring in a variety of disciplines. Students can check the schedule for available tutors that is published on Campus Pipeline, distributed around the campuses, and posted outside the Learning Centers. The software that accompanies the college's math courses is loaded on Learning Center computers and is available to students.

Writing Help—Each center offers the following help to students:

Writing consultations are available by appointment for one-to-one interaction with individual writers. 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. To make an appointment, students may come by the centers or call 882-4677 in Roane County or 481-2026 in Oak Ridge.

The RSCC Online Writing Lab (OWL)—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; tips for conducting interviews and for keyboarding; help with organization and writing introductions and conclusions; and information on conducting research on the Web. 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.

The URL of the RSCC OWL is <http://www.roanestate.edu/OWL/owl.html>, and it can be accessed through the Learning Support Services web site.

Group Study Rooms—The Learning Center on the Roane County campus has three group study rooms that students may sign up to use.

TV/VCR Use—Students may use TV/VCR set-ups in the two Learning Centers to watch course-related videos. The Roane County Learning Center also has closed-circuit television for watching satellite downloads.

Orientations to the Centers—Each center offers orientation sessions, which give students an overview of services and offer hands-on practice in using computers. In order that all students get an opportunity to work on the computers, classes of 24 or more students should be divided in half and scheduled for separate orientations. Center directors are also available to visit classes and tell students about the services. Instructors should call the center one to two weeks in advance to schedule orientations or a class visit.

Computer Use—Each center is equipped with computers that have Microsoft Word, Excel, and other Microsoft products. (The Learning Center on the Roane County campus also has Macintosh computers.) Center staff members provide free basic computer instruction. It is not necessary to make an appointment to use a computer. The centers also provide Campus Pipeline and Web access.

STUDENT CONDUCT AND DISCIPLINARY SANCTIONS

0240-3-13-.01 INSTITUTION POLICY STATEMENT

- (1) College students are citizens of the state, local and national governments, and of the academic community and are, therefore, expected to conduct themselves as law-abiding members of each community at all times. Admission to an institution of higher education carries with it special privileges and imposes special responsibilities apart from those rights and duties enjoyed by non-students. In recognition of the special relationship that exists between the institution and the academic community which it seeks to serve, the Tennessee Board of Regents has authorized the President of the College to take such action as may be necessary to maintain Campus conditions and preserve the integrity of the institution and its educational environment.
- (2) Pursuant to this authorization, the College has developed the following regulations which are intended to govern student conduct on the campus. In addition, students are subject to all national, state, and local laws and ordinances. If a student's violation of such laws or ordinances also adversely affects the institutions's pursuit of its educational objectives, the institution may enforce its own regulations regardless of any proceedings instituted by other authorities. Conversely, violation of any section of these Regulations may subject a student to disciplinary measures by the institution whether or not such conduct is simultaneously violative of state, local, or national laws.
- (3) Having voluntarily enrolled as students at Roane State Community College and assuming a place in the College community, all students are presumed to be knowledgeable of, and to have agreed to abide by, the rules and regulations set forth in the Student Code of Conduct.

0240-3-13-.02 DISCIPLINARY OFFENSES

- (1) Generally, through appropriate due procedures, institutional disciplinary measures shall be imposed for conduct which adversely affects the institution's pursuit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on institution or institution-controlled property.

- (2) Individual or organizational misconduct which is subject to disciplinary sanction shall include, but not be limited to, the following examples:
- (a) **Conduct dangerous to others.** Any conduct which constitutes a serious danger to any person's health, safety or personal well being, including any physical abuse or immediate threat of abuse.
 - (b) **Hazing.** Hazing means any intentional or reckless act in Tennessee on or off the property of any higher education institution by one (1) student acting alone or with others which is directed against any other student, that endangers the mental or physical health or safety. Hazing does not include customary athletic events or similar contests or competitions, and is limited to those actions taken and situations created in connection with initiation into or affiliation with any organization.
 - (c) **Disorderly conduct.** Any individual or group behavior which is abusive, obscene, lewd, indecent, violent, excessively noisy, disorderly, or which unreasonably disturbs other groups or individuals.
 - (d) **Obstruction of or interference with institutional activities or facilities.** Any intentional interference with or obstruction of any institutional activity, program, event or facilities, including the following:
 - 1. Any unauthorized occupancy of institution or institutionally controlled facilities or blockage of access to or from such facilities.
 - 2. Interference with the right of any institution member or other authorized person to gain access to an institution or institutionally controlled activity, program, event or facilities.
 - 3. Any obstruction or delay of a campus security officer, firefighter, or any institution official in the performance of his/her duty.
 - (e) **Misuse of or damage to property.** Any act of misuse, vandalism, malicious or unwarranted damage or destruction, defacing, disfiguring or unauthorized use of property belonging to the institution including, but not limited to, fire alarms, fire equipment, elevators, telephone, institution keys, library materials and/or safety devices; and any such act against a member of the institution community or a guest of the institution.
 - (f) **Theft misappropriation, or unauthorized sale.** Any act of theft misappropriation, or unauthorized possession or sale of institution property or any such act against a member of the institution community or a guest of the institution.
 - (g) **Misuse of documents or identification cards.** Any forgery, alteration of or unauthorized use of institution documents, forms, records or identification cards, including the giving of any false information, or withholding of necessary information, in connection with a student's admission, enrollment or status in the institution.
 - (h) **Firearms and other dangerous weapons.** Possession of or use of firearms or dangerous weapons of any kind is prohibited.
 - (i) **Explosives, fireworks and flammable materials.** The unauthorized possession, ignition or detonation of any object or article which would cause damage by fire or other means to persons or property or possession of any substance which could be considered to be and used as fireworks.

- (j) **Alcoholic beverages.** The use, possession, distribution, sale or manufacture of alcoholic beverages, or public intoxication on property owned or controlled by the institution (Roane State Community College); at an institution sponsored event; on property owned or controlled by an affiliated clinical site is prohibited. This includes any violation of any term of the Roane State Community College Drug-Free Schools and Communities Policy Statement (RSCC Policy No. GA-21-03). The Drug-Free Schools and Communities Act of 1989 is distributed to each student annually.
- (k) **Drugs.** The unlawful use, possession, distribution, sale or manufacture, of any drug or controlled substance (including any stimulant, depressant, narcotic, or hallucinogenic drug or substance, or marijuana), being under the influence of any drug or controlled substance, or the misuse of legally prescribed or “over the counter” drugs on property owned or controlled by the institution; at an institution sponsored event; on property owned or controlled by an affiliated clinical site is prohibited. This includes any violation of any term of the Roane State Community College Drug-Free Schools and Communities Policy Statement (RSCC Policy No. GA-21-03). The Drug-Free Schools and Communities Act of 1989 is distributed to each student annually.
- (l) **Gambling.** Gambling in any form is prohibited.
- (m) **Financial irresponsibility.** Failure to meet financial responsibilities to the institution promptly including, but not limited to, knowingly passing a worthless check or money order in payment to the institution or to a member of the institution community acting in an official capacity.
- (n) **Unacceptable conduct in hearings.** Any conduct at an institutional hearing involving contemptuous, disrespectful, or disorderly behavior, or the giving of false testimony or other evidence at any hearing.
- (o) **Failure to cooperate with institutional officials.** Failure to comply with directions of institutional officials acting in the performance of their duties.
- (p) **Violation of general rules and regulations.** Any violation of the general rules and regulations of the institution as published in an official institutional publication, including the intentional failure to perform any required action or the intentional performance of any prohibited action.
- (q) **Attempts and aiding and abetting the commission of offenses.** Any attempt to commit any of the foregoing offenses, or the aiding and abetting of the commission of any of the foregoing offenses (an “attempt” to commit an offense is defined as the intention to commit the offense coupled with the taking of some action toward its commission).
- (r) **Violations of state or federal laws.** Any violation of state or federal laws or regulations proscribing conduct or establishing offenses, which laws and regulations are incorporated herein by reference.
- (s) **Harassment.** Any form of harassment including, but not limited to, racial harassment, sexual harassment or stalking is prohibited.

(t) **Computer misuse.**

Subject: Ethical and Responsible Use of Computer Resources

1. Scope
 - a. The policies and procedures outlined in the following document apply to all Roane State Community College Faculty, Staff, Students, Visitors and Contractors. This policy applies to all academic, administrative, networking and microcomputer resources owned, leased or installed at all Roane State Community College locations.
 - b. In addition to the policies listed below, all users are subject to existing State and Federal laws and regulations concerning the use of computers, email and the Internet.
2. Policy
 - a. The purpose of this policy is to define responsible and ethical behavior of Roane State Community College in order to preserve the availability and integrity of RSCC computing and technology resources. All files, records, and email stored on Roane State Community College computers and storage devices are the property of Roane State, the Tennessee Board of Regents and the State of Tennessee. This policy allows for the support of investigations of complaints under existing policies pertaining to sexual harassment, honor code, and state and federal laws on privacy and computer abuse.
 - b. A Summary of this policy will be displayed in a prominent location in all Roane State Community College labs.
3. Priorities
 - a. Highest: Educational and administrative use.
 - b. Medium: Other uses directly and indirectly related to educational use, including access to the Internet and professional and personal communication.
 - c. Lowest: Recreational and entertainment use.
4. Rules of Use
 - a. Computer facilities at Roane State Community College are available to all students, faculty, and staff. It is the responsibility of the Information Technology Division personnel to maintain a stable operational environment for all users and to provide security for all programs and files currently residing on available computer systems. Cooperation of all users in the form of ethical and responsible behavior is required at all times so that all may share resources freely and equitably.
 - b. The following college rules and regulations are to define all users' limitations. These rules are separate and apart from the Code of Conduct as approved by the Tennessee Board of Regents. Any violations shall be termed "computer misuse", and the offender shall be referred to the appropriate college supervisor, or in the case of students, to the Dean of Student Services and Multicultural Affairs.

- 1) Computer account and job number may not be used by anyone other than the applicant(s) and for any purpose other than that agreed upon with the Director of Computer Services.
- 2) An individual may not access or copy the programs or data belonging to other individuals or to RSCC without permission.
- 3) A user may not attempt to learn the password of any other user and may not attempt to alter or destroy the files belonging to others.
- 4) Programs and data files stored at RSCC may not be taken to other sites without authorization from the Director of Computer Services.
- 5) An individual may not tamper with or change any switch settings or software settings on any devices located in Roane State Computer Center technical support staff.
- 6) A user may not monopolize any available resource to the extent of denying others fair use. Any non-productive use of the computer should not impede the use of terminals or microcomputers by others who have need for more valid use such as class assignments.
- 7) A user may not store games or game-related programs in any account or Roane State Community College microcomputer.
- 8) A user may not allow anyone to use his or her account or use the account of another. Your username and password identifies you to the entire Roane State Community College network. If another person uses your account, with or without your permission, they will be acting in your name. You may be held responsible for that person's actions should they violate policies or the law. If someone offers you the use of an account you are not authorized to use, decline. If you discover someone's password, please report it to the owner or to the Help Desk.
- 9) A user may not create or use programs or electronic devices that collect information about users on the network.
- 10) A user may not use Roane State Community College computers or systems to attack computers, networks or the Internet by launching viruses, worms, Trojan horses, mail bombs or other forms of attacks. Additionally, users may not attempt to access restricted portions of the operating system on the VAX or file servers, security software, or Administrative systems unless express permission from Information Technology is granted.
- 11) Users may not use the Roane State Community College computer network or telecommunication devices to send comments, requests, suggestions, proposals, images or other communication which are obscene, lewd, lascivious, filthy, or indecent, with the intent to annoy, abuse, threaten, or harass another person. (Under certain circumstances, the Federal Communication Decency Act of 1996 may apply.)

- 12) A user must abide by applicable copyright laws and licenses. College policies and state and federal law forbid the copying of software that has not been placed in the public domain and distributed as “freeware”. Shareware users are expected to abide by the requirements of the shareware agreement. Shareware and freeware may be downloaded for evaluation by faculty and staff but must be removed at the end of the evaluation period if not purchased. Students may download shareware and freeware and copy to a removable storage medium (floppy disk, zip disk).
 - 13) Users may not install software on Roane State Community College hardware without permission from Information Technology.
5. Digital Millennium Copyright Act of 1998
- a. Title II of the Digital Millennium Copyright Act of 1998 is designed to provide protection for institutions acting as a service provider (public Web site) if copyright infringement occurs without its knowledge. If the institution merely acts as a conduit for the copyrighted material it will not be held liable if, (1) it exerts no editorial control, (2) does not originate the transmission or choose the recipient, and (3) does not make the copyrighted material available available to others besides the intended recipient. The Act further provides that institutions of higher education are NOT liable for infringing acts by faculty or graduate students IF:
 - 1) The faculty or graduate student’s activities do not involve online access (including email) to materials that were “required recommended” within the preceding three years for a course taught by the employee at the institution.
 - 2) The institution has not received more than two notices of actionable infringement by the faculty or graduate student.
 - 3) The institution provides all users of its system or networks the informational materials on compliance with U.S. copyright laws.
 - b. In accordance with the provisions of Title II of the Act, Roane State Community College will designate and register an agent with the Register of Copyright. The name, address, phone number and email address of the agent will be listed publicly on the opening page of the Roane State Community College Website.
 - c. Upon notification of an infringement in accordance with “Online Copyright Infringement Liability Limitation Act”, Section 202, Subparagraph (3) “Elements of Notification”, the Roane State Community College will immediately remove the offending material.
 - 1) The owner of the page containing the infringing material will be notified and advised that the material has been removed or disabled. If the user believes that the material has been erroneously identified as infringing the user may submit a counter-notice to the complaining party or authorized representative and a copy to the institution’s designated agent. The counter-notice must contain the information outlined in (3) “Contents of Counter Notification” of the Act. It must include the following information:
 - 1) A physical or electronic signature of the user.

- 2) Identification of the material that has been removed or to which access has been blocked and the location at which the material appeared before being blocked or removed.
 - 3) A statement that the user has in good faith belief that the material was removed or disabled as a result of mistake or misidentification of the material to be removed or disabled.
 - 4) The user's name, address, telephone number and a statement that the subscriber consents to the jurisdiction of Federal District Court for the judicial district in which the address is located and that the user will accept service of process from the person who provided notification of infringement.
- 2) If no response to the counter-notice is received within fourteen (14) business days, Roane State Community College will immediately restore or cease disabling the material.
6. Access to Potentially Offensive Material
 - a. Faculty, staff and students at Roane State Community College are able to access information via electronic means from a wide range of sources including the Internet and the World Wide Web. Information in the form of text, graphics, images, sounds and video is available for a variety of purposes: teaching, research, and entertainment. However, some of the material may be found offensive or pornographic by some of our community. Individuals may be particularly offended if they are exposed to the material unwittingly. The following policy and guidelines are designed to maintain freedom of expression and sensitivity to others.
 - b. Information accessible on the network may not be restricted through censorship. Censorship is not compatible with the goals of higher education. Freedom of expression is valued, supported, and protected at Roane State Community College.
 - 1) Users must not expose others to offensive or pornographic material by deliberate or careless acts. Individuals must not be unwittingly exposed to offensive material through careless or deliberate acts of others. Users should use discretion and courtesy when accessing these materials. Do not display these materials in a manner which creates a hostile or abusive work or study environment for others. Users should clear screens and printers of potentially offensive materials after access. Offensive material may not be forwarded to others who are unwilling participants. Recipients of unwanted offensive material should tell the offender to stop and report repeat violation to faculty of Information Technology personnel.
 - 2) Users may not under any circumstances save offensive or pornographic material on Roane State Community College computers or load such material on "screensaver" software so that it displays on a monitor or screen.

- 3) Users may not access illegal material. Illegal material, such as child pornography, from any source will not be tolerated or distributed within the Roane State Community College community. Reports or complaints regarding access to this material will be referred to legal authorities.
7. Disposition of Violations
 - a. Computer Misuse violation should be reported through the appropriate supervisory chain to Dean of Student Services and Multicultural Affairs, the Executive Director of Information Technology or the Dean of Human Resources.
 - 1) The Dean of Student Services and Multicultural Affairs will be responsible for student violations. In the case of threatening or offensive communications, the Dean of Student Services and Multicultural Affairs will notify Security to ensure student safety.
 - 2) The Dean of Human Resources will be responsible for staff and faculty violations.
 - 3) The Executive Director of Information Technology will assist the Dean of Student Services and Multicultural Affairs of Dean of Human Resources in collecting evidence of violations.
 - b. The disposition listed below (not an all-inclusive list) are options drawn from the sanctioned policy of the Tennessee Board of Regents Code of Conduct.
 - 1) Revoking of the individual's right to use the computer, either on a temporary or permanent basis.
 - 2) Probation
 - 3) Suspension
 - 4) Expulsion
 - 5) Financial assessment for computer services
 - 6) Legal prosecution. In the event that other college regulations are violated, additional penalties may be imposed.
 - 7) Unauthorized use of the computer by an individual other than the college community may be adjudged a felony, and the individual may be liable to legal prosecution.
- (3) Disciplinary action may be taken against a student for violations of the foregoing Regulations which occur on property owned or controlled by the institution; at an institution sponsored event; on property owned or controlled by an affiliated clinical site, when the conduct impairs, interferes with or obstructs any institutional activity or the missions, processes and functions of the institution. In addition, disciplinary action may be taken on the basis of any conduct, on or off campus, which poses a substantial threat to persons or property within the institutional community. 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 office of the Dean of Student Services and Multicultural Affairs.

- (4) For the purposes of these regulations, a “student” shall mean any person who is registered for study at the College for any academic period. A person shall be considered a student during any period which follows the end of an academic period which the student has completed until the last day for registration for the next succeeding regular academic period and during any period while the student is under suspension from the institution.

0240-3-13-.03 ACADEMIC AND CLASSROOM MISCONDUCT

- (1) The instructor has the primary responsibility for control over classroom behavior and maintenance of academic integrity, and can order the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct violative of the general rule and regulations of the institution. Extended or permanent exclusion from the classroom 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 F or a zero for the exercise or examination, or to assign an F in the course.
- (3) If the student believes that he or she has been erroneously accused of academic misconduct, and if his or her final grade has been lowered as a result, the student may appeal the case through the office of the Dean of Student Services and Multicultural Affairs.

0240-3-13-.04 DISCIPLINARY SANCTIONS

- (1) Upon a determination that a student or organization has violated any of the rules, regulations or disciplinary offenses set forth in these Regulations, the following disciplinary sanctions may be imposed, either singularly or in a combination, by the appropriate institution officials.
- (2) Definitions of Sanctions.
 - (a) **Restitution.** A student who has committed an offense against property may be required to reimburse the institution or other owner for damage to or misappropriation of such property. Any such payment in restitution shall be limited to actual cost of repair or replacement.
 - (b) **Warning.** The appropriate institutional official may notify the student that continuation or repetition of specified conduct may be cause for other disciplinary action.
 - (c) **Reprimand.** A written reprimand, or censure, may be given any student or organization whose conduct violates any part of these Regulations. Such a reprimand does not restrict the student in any way, but does have important consequences. It signifies to the student that he or she is in effect being given another chance to conduct himself or herself as a proper member of the institution community, but that any further violation may result in more serious penalties.

- (d) **Restriction.** A restriction upon a student's or organization's privileges for a period of time may be imposed. This restriction may include, for example, denial of the right to represent the institution in anyway, denial of use of facilities, parking privileges, participation in extracurricular activities or restriction or organizational privileges.
- (e) **Probation.** Continued enrollment of a student on probation may be conditioned upon adherence to these Regulations. Any student placed on probation will be notified of such in writing and will also be notified of the terms and length of the probation. Probation may include restrictions upon the extracurricular activities of a student. Any conduct in violation of these Regulations while on probationary status may result in the imposition of a more serious disciplinary sanction.
- (f) **Suspension.** If a student is suspended, he or she is separated from the institution for a stated period of time with conditions or readmission stated in the notice of suspension.
- (g) **Expulsion.** Expulsion entails a permanent separation from the institution. The imposition of this sanction is a permanent bar to the student's readmission to the institution. A student expelled from the College may not enter the campus grounds for any reason without the permission of the office of the Dean of Student Services and Multicultural Affairs. A student expelled from the College will not receive a refund for maintenance or miscellaneous fees.
- (h) **Interim or summary suspension.** Though as a general rule, the status of a student accused of violations of these Regulations should not be altered until a final determination has been made in regard to the charges against him, summary suspension may be imposed upon a finding by the appropriate institutional official that the continued presence of the accused on campus constitutes an immediate threat to the physical safety and well being of the accused, or of any other member of the institution community or its guests, destruction or property, or substantial disruption of classroom or other campus activities. In any case of immediate suspension, the student shall be given an opportunity at the time of the decision or immediately thereafter to contest the suspension and, if there are disputed issues of fact or cause and effect, the student shall be provided a hearing on the suspension as soon as possible.
- (i) **Counseling or Rehabilitation Treatment.** Counseling sessions with Roane State's counseling office personnel or outside sources may be recommended for students with varying psychological needs. In addition, violations of drug and alcohol rules will result in mandatory participation in, and satisfactory completion of, a drug or alcohol abuse program, or rehabilitation program.
- (j) The President of the College is authorized, at his or her discretion, to subsequently convert any sanction imposed to a lesser sanction or to rescind any previous sanction, in appropriate cases.

0240-3-13-.05 DISCIPLINARY PROCEDURES

- (1) General Statement.
 - (a) Roane State Community College recognizes that disciplinary proceedings should play a secondary role to guidance and counseling and makes every effort to keep open the avenues of communication between students, faculty, and staff which provide for the transmittance of constructive ideas toward the solution of problems.

- (b) However, whenever violations of standards of conduct occur, the institution may initiate judicial proceedings through the power vested in its Disciplinary Committee. In all cases, disciplinary action becomes a part of the student's permanent record, and proper procedural safeguards will be used to assure due process. Notification of disciplinary action is by letter from the Dean of Student Services and Multicultural Affairs to the student and (when appropriate) to the parents and other College officials.
- (2) "Tennessee Uniform Administrative Procedures Act". All cases which may result in (1) suspension or expulsion of student from the institution for disciplinary reasons, (2) assignment of a grade which results in the grade of "F" in a course for academic misconduct, or (3) revocation of registration of a student organization during the term of the registration are subject to the contested case provisions of the "Tennessee Uniform Administrative Procedures Act" and shall be processed in accordance with the uniform contested case procedures adopted by the Board of Regents unless the student waives those procedures in writing and elects to have his or her case disposed of in accordance with College procedures established by these rules.
- (3) Due Process Procedures.
 - (a) Due process is not a technical concept with a fixed content unrelated to time, place and circumstances. It is an elusive concept in that its exact boundaries are indefinable and its content varies according to specific facts. The nature of the right involved, the nature of the proceedings and the possible penalty are all considerations which must be taken into account. The very nature of due process negates any conception of inflexible procedures universally applicable to every imaginable situation. There is no requirement of a formal type judicial hearing. Any College procedure which is reasonably calculated to be fair to the accused and to lead to a reliable determination of the issues is acceptable.
 - (b) The requirements of due process are flexible in different cases and will require different procedural safeguards. The nature of the hearing will vary depending upon circumstances of the particular cases.
 - (c) The following fundamental safeguards are required in every proceeding at Roane State Community College that may lead to a serious penalty:
 - (1) The student shall receive written notice of the specific charge against him, and the date and time of the hearing a minimum of three days prior to the hearing date. This charge shall be sufficiently precise as to enable the student to understand the grounds upon which the College seeks to impose a penalty against him and to enable him adequately to prepare any explanation of defense which may be available to him. The student may be accompanied by an advisor whose participation shall be limited to advising the student.
 - (2) The student shall be given an opportunity to respond to the evidence against him. He shall have an opportunity to present his position, make such admissions, denials, or explanations as he thinks appropriate and testify or present such other evidence as is available to him. The student has the right to call witnesses on his or her behalf and the right to confront witnesses against him. The technical rules of evidence normally followed in civil and criminal trials shall not apply.

- (3) The decision of the Disciplinary Committee should be based upon the evidence presented at the hearing and a finding of guilt must be based upon substantial evidence.
- (4) Cases of alleged sexual assault. In cases involving alleged sexual assault, both the accuser and the accused shall be informed of the following:
 - (i) Both the accuser and the accused are entitled to the same opportunity to have others present during a disciplinary proceeding; and
 - (ii) Both the accuser and the accused shall be informed of the outcome of any disciplinary proceeding involving allegations of sexual assault.
- (4) Grounds for Appeal.
 - (a) A decision or judgment of the Disciplinary Committee may be appealed by the aggrieved party upon the following:
 - (1) Prejudicial error committed during the hearing whereby aggrieved was deprived of a fair hearing.
 - (2) Noncumulative material and relevant evidence new or newly discovered which with reasonable diligence could not have been produced at the hearing.
 - (3) The decision or judgment is not supported nor justified by the evidence.
 - (b) A decision or judgment of the Disciplinary Committee may be appealed by the Dean of Student Services and Multicultural Affairs on the grounds that the penalty or sanction imposed was sufficient or excessive.
- (5) Notice of Appeal.
 - (a) A notice of Appeal shall be in writing and shall be filed with the President of the College, to whom the appeal is taken, within ten (10) calendar days from the promulgation and filing of the decision or judgment upon which the appeal is based. Failure to timely file the above mentioned notice shall constitute a waiver of any right to appeal.
 - (b) The President of the College will review the case and render a decision based upon his findings.

0240-3-13-.06 TRAFFIC AND PARKING REGULATIONS.

1. Registration
 - a) All vehicles parked or operated by any person in connection with their employment or attending classes at the college must be registered with the office of the Dean of Student Services and Multicultural Affairs.
 - b) Each student who registers for classes will be assessed a campus access fee each semester. Decals and I.D. cards may be picked up at each off-campus site.
 - c) Expired campus registration decals must be removed. Current campus registration decals must be hung from the rear view mirror. Forgetting to hang the decal will not be a valid excuse for appeal of a citation.
 - d) If you are unable to drive your own vehicle on a particular day, either leave an explanatory note on the dashboard (along with your decal number) to alert the security officer or hang your decal in the car that you will be driving. In case of an emergency, temporary permits are available in the office of the Dean of Student Services and Multicultural Affairs.

2. Visitors
 - a) Visitors are defined as persons not connected with the college, but who occasionally have business or other reasons to be on campus. Designated visitor space will be provided in the parking areas.
3. Parking

Regular parking on all college lots will be by permit only and only in designated areas.

 - a) Student signs indicate spaces or areas reserved for students. Only students may park in these spaces or areas. No faculty or staff parking.
 - b) Faculty signs indicate spaces or areas reserved for faculty and staff. Only faculty and staff may park in these spaces or areas. No student parking.
 - c) Handicapped signs indicate spaces or areas reserved for handicapped faculty, staff, or students. Disabled students with a state issued disability placard for disabled parking should clearly display the placard when parking in a handicapped space. In addition, a regular Roane State decal is required. Students with a temporary disability must have a special handicapped parking permit from Disability Services to park in a handicapped space.
 - d) Visitor signs indicate parking for visitors only and no faculty, staff or student parking is permitted.
 - e) Absolutely no parking at loading zones, on sidewalks, on streets, on lawn, within 15 feet of fire hydrants, behind the gym or in any reserved parking area.
4. Enforcement
 - a) Student violation citations must be paid in the Business Office or appealed through the SCA Traffic Appeals Board within 72 hours (excluding Saturday, Sunday, and holidays) after issuance. Appeals will not be accepted after that time.
 - b) Staff and visitor citations may be paid within 72 hours by mail or in person in the Business Office.
5. Appeals
 - a) The office of the Dean of Student Services and Multicultural Affairs handles all traffic appeals on the Roane County Campus; the Dean of the Oak Ridge Branch Campus handles traffic appeals in Oak Ridge. You must make appeal at the campus on which the citation was issued.
 - b) Roane County Campus:
 - 1) Faculty and Staff may appeal a violation citation through the office of the Dean of Student Services and Multicultural Affairs.
 - 2) Students may appeal a violation citation by obtaining an appeals form from the office of the Dean of Student Services and Multicultural Affairs. The appeal will then be reviewed by the SGA Traffic Appeals Board and either approved or denied.
 - 3) Failure to appear at a scheduled meeting without notifying the SGA Traffic Appeals Board or the office of the Dean of Students and Multicultural Affairs will result in a forfeiture of right of appeal.

- c) Oak Ridge Branch Campus
 - 1) Faculty and Staff may appeal a violation citation through the office of the Dean of the Oak Ridge Branch Campus.
 - 2) Students may appeal a violation citation by obtaining an appeals form from the office of the Dean of the Oak Ridge Branch Campus. The appeal will then be reviewed by the SGA Traffic Appeals Board and either approved or denied.
 - 3) Failure to appear at a scheduled meeting without notifying the SGA Traffic Appeals Board of the office of the Dean of the Oak Ridge Branch Campus will result in forfeiture of right of appeal.
 - d) Off Campus Sites
 - 1) All traffic appeals will be handled by the directors at those locations.
 - e) All appeals must be made within 72 hours (except Saturday, Sunday, and holidays) after the date of issue. Failure to answer a citation within the 72 hours period will result in forfeiture of right of appeal.
6. Driving Regulations
- a) The speed limit on all campuses is 15 mph.
 - b) All traffic signs must be obeyed.
 - c) Motorists must yield the right-of-way to pedestrians.
 - d) All accidents involving injury to persons Account Representative damages to autos, equipment, etc. must be reported to the Superintendent of Maintenance and Security.
7. Penalties
- a)

No decal displayed	\$20.00
Illegal use of decal	\$20.00
Improper display of decal	\$20.00
Parked in unauthorized area	\$20.00
Double parked	\$20.00
Improper motorcycle parking	\$20.00
Wrong way on one-way street	\$20.00
Parked in handicapped area	\$100.00
 - b) Disabled parking fines are \$100 as set by the state. The prevailing fines as established by the College, range from \$10.00 to \$30.00. These fines are set during the College's annual budget cycle, and are submitted for approval at the June Tennessee Board of Regents meeting each year. Specific penalties for traffic and parking violations can be found in the RSCC catalog, Student Handbook/Calendar, and parking brochure attached to every decal issued. They can also be found in the RSCC Policy Manual (GA-1901). These publications are available to students at all relevant RSCC locations.
 - c) These fines shall be paid to the Business Office.
 - d) Parking privileges for the remainder of the school year will be revoked for anyone who receives more than four parking violation citations within the academic year.

- e) Students who persist in violating these regulations or commit a single violation under extreme circumstances will be referred to the Dean of Student Services and Multicultural Affairs for disciplinary action which may lead to suspension or dismissal from the College.

0240-3-13-.07 REGISTRATION OF MOTOR VEHICLES

- (1) All vehicles parked or operated by any person in connection with their employment or attendance of classes at the college must be registered with the office of the Dean of Student Services and Multicultural Affairs.
- (2) Vehicle registration must be renewed at the beginning of each fall semester and will be valid until the beginning of the following fall semester so long as the registrant remains a student or a college employee.
- (3) Expired campus registration decals must be removed. Current campus registration decals are to be affixed as indicated on the instruction sheet attached to the decal.
- (4) The person to whom the vehicle is registered is responsible for the vehicle and all violations and citations issued thereto. If the person operating the vehicle is other than the registrant, and the violation is committed, both he/she and the registrant may be fined.
- (5) Each student who registers for classes at Roane State will be assessed a campus access fee each semester.
- (6) Faculty and staff will be assessed an annual campus access fee. Persons who are employed spring semester or after will be assessed a campus access fee of a lesser amount.
- (7) All faculty, staff, and students who pay the campus access fee will be given a parking decal. Additional decals will be available at minimal cost. The decal(s) issued will be valid from August through August of the following year.
- (8) In case of emergency, temporary permits are available in the office of the Dean of Student Services and Multicultural Affairs at no cost.
- (9) Disabled students with a state issued disability placard for disabled parking should clearly display the placard when parking in a disabled space. In addition, a regular Roane State decal is required. Students with a temporary disability must have a special disabled parking permit from Disability Services to park in a handicapped space.

ATHLETICS

Phone: 865-882-4581

Roane State competes in men's and women's basketball, men's baseball and women's softball as a member of the Eastern Division of the Tennessee Junior College Athletic Association.

In order for a student to participate in athletics, eligibility requirements of the National Junior College Athletic Association must be met. Any inquiries about athletics should be directed to the Athletic Director in the gymnasium.

COUNSELING AND CAREER SERVICES

Phone: 865-882-4546 (Roane County)

Phone: 865-481-2003 (Oak Ridge Branch Campus)

Counseling and Career Services (CCS) was established to aid students in successfully completing their college work and establishing good foundations for future growth. The center is staffed by professionally trained, licensed, and nationally certified counselors who provide services for a wide range of problems—educational, vocational, personal, and testing services.

Confidentiality of counseling visits is assured so that students may feel free to discuss their concerns. Counselors also provide opportunities for students to develop interpersonal skills and to become more self-actualized using individual counseling, small group techniques, and workshops in human development. Situations which cause students undue concern may disrupt their interpersonal relations and affect academic achievements. CCS provides the assistance and atmosphere to work through these problems.

Roane State's Career Services Center assists all students interested in exploring career options and selecting a major field of study. Through the availability of up-to-date resources, career decision-making workshops and individual advisement, students have the opportunity to learn the skills necessary to make appropriate career decisions that will directly affect their success in extending the academic world to the world of work.

It is Roane State's goal through the use of a wide variety of resources to give every student the opportunity to maximize his or her career development potential.

CCS services include, but are not limited to, the administration of interest or personality tests as requested by the student.

Assessment Scheduled by Special Appointment

Career Scope

Myers-Briggs Type Indicator

DISABILITY SERVICES

Phone: 865-882-4546 (Roane County)

Phone: 865-481-2003 (Oak Ridge Branch Campus)

Since the college does not collect a health fee, each student is responsible for his/her medical bills for services rendered by private physicians/other facilities. Student accident and sickness insurance is available on a voluntary basis through a contract by the State University and Community College System of Tennessee. Applications and claim forms may be obtained in the office of the Dean of Student Services and Multicultural Affairs or the site director's office at off-campus locations.

Roane State provides counseling and academic support services to insure that disabled students have access to educational opportunities provided by the college. Any student having a qualifying disability under A.D.A. guidelines, which restricts his/her participation in academic life, may be eligible for services that may be provided to meet the individual student's needs. Roane State serves in a liaison capacity with the Tennessee Division of Vocational Rehabilitation. Registration and other forms of administrative assistance and academic support are provided through Disability Services for learning and physical disabilities.

Participation in the services is on a voluntary basis; confidentiality is maintained. The following special services may be provided:

- (1) Special modifications will be made if it is determined that the mode of presentation of materials discriminates against the student. This may require re-structuring of materials, alternate methods of presentation, adjustment of physical facilities, extension of time allowed for tests or completion of coursework, etc. Modification should not alter academic requirements, and the student will be expected to show competency in the course material.
- (2) Individual files are maintained to serve as the guidelines for a particular student during his/her educational term at Roane State Community College. Documentation from a qualified professional must be submitted by the student to Disability Services prior to receiving accommodations.

Students who have physical or learning disabilities requiring special services should contact Disability Services three weeks before each semester begins. Contact with Disability Services is also required after registration each semester.

Student Procedures for Special Services

To receive the special accommodations mandated in section 504 of the Vocational Rehabilitation Act, the learning and physically disabled are to meet the following guidelines:

- (1) Be identified as possibly learning or physically disabled. Any of the following ways is acceptable: self-referral, instructor referral, counselor referral. Any learning disabled student requesting assistance should be referred to Disability Services. Physically disabled students needing support should also be referred to Disability Services.
- (2) Be verified as learning or physically disabled. The type and degree of the disability may be confirmed by a number of appropriate methods:
 - (a) High school record—IEP or resource classes as recorded on the high school transcript indicate diagnosis of a problem. A record of the diagnostic testing administered by school psychologist may be requested by the student and sent to Disability Services.
 - (b) Office of Vocational Rehabilitation—Students who have undergone academic evaluation through the office of Vocational Rehabilitation may request that a summary of the diagnostic testing be sent to Disability Services.
 - (c) Private agency, clinical psychologist or medical doctor—Students seeking the services of private agencies (i.e. clinical psychologist for diagnostic testing) may request that a summary of the results with recommendations be sent to Disability Services.

- (3) Documentation—Learning disability verification, provided by the student, will be filed in CCS. Pertinent documentation for the physically disabled student will be filed in Disability Services.

Once the learning or physical disability is verified and documented and accommodations are requested, the student may receive special services from the College. The faculty works with Disability Services to appropriately accommodate a student's disability without compromising the academic requirements of the curriculum.

STUDENT ACTIVITIES

Phone: 865-882-4638

In keeping with its dedication to the concept of total student development, Roane State Community College recognizes the importance of developing both a well-balanced program of student activities and avenues for responsible student input in the decision making process.

For students to achieve their potential as well-rounded individuals, a broad-based activities program is essential. In addition, student involvement is imperative for effectively evaluating past programs and conscientiously planning future activities.

Roane State integrates these two concerns through the sponsorship of various clubs and organizations, committees, publications, and academic and social activities.

However, continued growth and development of the college and its students is largely dependent upon the discovery of new ideas and ways to combat student apathy and complacency.

Roane State strongly urges each student to support, through participation in one or more campus activities, attempts to conquer the "There's nothing to do" syndrome. Involvement not only benefits the college but also makes the student's stay a more richly rewarding experience. For information regarding extracurricular activities contact the Coordinator of Student Activities.

I. Athletics

Roane State competes in men and women's basketball, men's baseball and women's softball as a member of the Eastern Division of the Tennessee Junior College Athletic Association.

In order for a student to participate in athletics, eligibility requirements of the National Junior College Athletic Association must be met. Any inquiries about athletics should be directed to the Athletic Director in the gymnasium.

II. Intramurals

Roane State conducts a diverse program of activities to provide students and staff the opportunity to participate in organized activities. The program does not require the intensified training and high degree of skill normally associated with varsity competition. An individual's playing ability is not considered as important as the desire to enter into the true spirit of competition for the purpose of fun and relaxation. Participants, however, are expected to display good sportsmanship at all times.

The intramural program includes physical activities such as volleyball, flag football, basketball, softball, and weight lifting.

The RSCC Intramural Coordinator is vested with the final authority and responsibility on matters concerning scheduling, rule interpretation, and eligibility. In addition, the Intramural Coordinator may take any other action deemed necessary to insure that all intramural competition is played within the intent of the rules and within the realm of good sportsmanship. General Eligibility Requirements include:

- 1) Participant must be a current student or staff member at RSCC.
- 2) Participant must not be actively playing, practicing, or working out with any varsity athletic team in that sport. Automatic ineligibility results whenever a player is listed on the official team roster or “dresses out” on the date of any officially scheduled varsity contest.

Roane State Community College and its employees cannot assume responsibility for any injury(ies) incurred during practice for or participation in any one of the scheduled activities. Any student whose physical condition or health status is such that participation might be detrimental to his/her health is ineligible to play unless expressed written permission from a licensed, practicing physician is given to the Intramural Coordinator prior to participation. Determining health status and getting permission is the sole responsibility of the student. It is strongly recommended that all participants have medical examinations prior to participating in any intramural/recreational activity and that each participant have private and/or student medical insurance for his/her protection.

III. College Publications

Based upon student interest from year to year, the college provides sponsorship for various student publications. The following statements constitute the college policy regarding such publications.

A. Purpose of Student Publications

The college news periodical is edited and published by students during the year to inform students and staff of pertinent upcoming events, to provide students with an expression of opinions and views, and to increase student awareness of campus life.

The literary magazine is organized and assisted financially by The Literary Club to promote interest in the literary efforts of the students of Roane State and the surrounding community.

All publications produced by students at Roane State may serve as forums for expression of ideas concerning issues and events of interest. Views expressed in the publications are not the views of the student body as a whole, the college, or the Tennessee Board of Regents.

B. Organization and Governance

The editor of the student newspaper is appointed from applicants by the Dean of Student Services and Multicultural Affairs and newspaper advisor. Other staff members are appointed from applicants by the editor. The editor and advisor have administrative responsibility for publication of the periodical with the Dean of Student Services and Multicultural Affairs acting as a consultant.

All college and Board of Regents financial and administrative policies and procedures shall be followed in establishing and maintaining the operation of the student newspaper.

The Roane State Literary Magazine, the Caney Creek Sampler, shall be published as a project of a campus literary interest group. This group must have at least one Roane State faculty/staff advisor-editor. Students for staff and editorial positions will be selected by the Literary Magazine's advisor(s). The editor(s) of the magazine must have a cumulative GPA of 2.25.

The Tennessee Board of Regents and the college administration recognize that all student publications at Roane State are guaranteed First Amendment freedom and that student editors have editorial control of the content of student publications. However, the editor also has responsibility to be knowledgeable of the meaning of First Amendment freedom and work closely with the advisor.

Any publication with the Roane State name or logo on it must reflect what the college considers "good taste". The Dean of Student Services and Multicultural Affairs will call an appropriate publication committee meeting when necessary to hear and review plans, requests, or grievances associated with student publications and recommend appropriate action.

IV. Fine Arts

Concerts, lectures, and special cultural events are sponsored by the SGA for the enrichment of the students and community.

V. Clubs and Special Interest Organizations

A well-rounded, integrated program of student activities is provided through student organizations. Students may choose from a variety of organizations depending on their individual interests. These organizations include scholastic honorees, departmental groups, service organizations, and special interest groups.

A. CLUBS

AMERICAN CHEMICAL SOCIETY—RSCC STUDENT SECTION—

This society promotes interest in chemistry and topics related to chemistry. The society generates materials, such as sample tests, problem sets, lecture notes, etc., which aid the students taking chemistry courses at RSCC. It sponsors guest speakers to inform the students on current topics in chemistry and related fields. The society monitors the chemistry program at RSCC in order to assure high quality and certification of the program. Members of the society are given certain privileges by the national American Chemical Society, such as magazines, resume writing aids and an employment clearing house.

BCM (Baptist Collegiate Ministry)—The BCM is three things in one—a *fellowship* of students, a *program* for students and an *organization* led by students. The BCM is an organization designed to meet the needs of college students. Programs are planned and carried out by the staff and students through worship, Bible study, church involvement, social ministries and mission projects. The BCM is a place to belong.

INTERNATIONAL ASSOCIATION OF ADMINISTRATIVE PROFESSIONALS (IAAP), ROANE STATE STUDENT CHAPTER—

The Roane State student chapter promotes the professional development of students preparing for careers in the administrative support profession or as business teachers by offering opportunities and responsibilities for development of and improvement in confidence, skills and abilities, initiative, culture, and refinement.

OAK RIDGE INSTITUTE FOR CONTINUED LEARNING—This organization was formed and is managed by retired citizens for the purpose of providing non-credit courses, field trips and retreats for seniors. The ORICL is affiliated with the Elderhostel Institute Network and is one of among 250 similar institutes in the U.S. and Canada. Membership in the ORICL is open to all residents of the RSCC service area. Membership in the ORICL is open to all residents of the RSCC service area. Membership dues of \$35 per person per semester entitle members to attend up to five of the Institute's offerings a semester on a space available basis. Some courses, such as computer and art, and field trips may entail additional fees for use of equipment, materials, and transportation. The ORICL is located at the Oak Ridge Branch Campus, 701 Briarcliff Avenue. For more information or to receive a schedule of classes offered by the Institute, call (865) 481-8222.

OCCUPATIONAL THERAPY STUDENT CLUB—The OTA Club has been formed to 1) promote the field of OT in the community and at RSCC; 2) promote participation in state and national OT organizations; 3) allow participation in campus fund raising activities; and 4) provide community service.

PHI THETA KAPPA—An international honor society for two-year colleges. Invitation to membership is extended by the local chapter. To be eligible, students must complete at least twelve hours of college credit leading to an associate's degree (part-time students are eligible); have a grade point average of 3.5; and enjoy full rights of citizenship in your country. International, regional, and chapter programs provide opportunities in the areas of scholarship, leadership, service, and fellowship. Benefits of membership include eligibility for transfer scholarships, automatic nomination for the national Dean's List publication of outstanding students, automatic enrollment in the PTK Transfer Database, which is made available to four-year and senior level institutions that actively recruit transfer students; and the privilege of wearing the honors stole and tassel at graduation.

PHYSICAL THERAPY STUDENT ASSOCIATION—The Physical Therapy Student Association has been formed to promote the field of physical therapy at Roane State and in the community.

PLAYMAKERS—The Playmakers are a non-profit organization with its energies focused on theatrical productions. All students and community members are encouraged to be involved with the Playmakers. Recent play productions include: *The Glass Menagerie* by Tennessee Williams, *The Diviners* by Jim Leonard Jr., and the musical extravaganza, *The Little Shop of Horrors*.

PSY/SOC CLUB—The PSY/SOC Club provides extracurricular activities for students to explore the study of human behavior. The club is open to any Roane State student interested in learning more about the social scientific study of human behavior and mental processes. The organization sponsors field trips, outside speakers and student scholarships.

RESPIRATORY THERAPY STUDENT ASSOCIATION—The Respiratory Therapy Student Association promotes the Respiratory Therapy Program at RSCC and in the community. The club is affiliated with the Tennessee Society for Respiratory Care.

ROANE STATE STUDENT NURSES' ASSOCIATION (RSSNA)—The RSSNA is a constituent association of the Tennessee Association of Student Nurses' (TASN) and the national Student Nurses' Association (NSNA). Membership in RSSNA is open to students in the nursing program and pre-nursing students. The purposes of RSSNA are 1) to assume responsibility for contributing to nursing education through leadership development and political activism in an attempt to provide for the highest quality of health care; 2) to provide programs representative of fundamental and current professional interest and concerns; 3) to aid in the holistic development of the individual in his/her professional role, including his/her responsibility for the health care of people in all walks of life.

SADD CLUB—Purposes for the SADD Club are: 1) to provide awareness on drinking, driving, and risks; 2) to provide awareness on drug use; 3) to educate students and the community on the best prevention and intervention tools relating to decisions that can be destructive.

S.T.A.R.S. ART CLUB—Purposes for the S.T.A.R.S. Art Club are: 1) to provide a social bond for students and staff with the common interest of art; 2) to provide a vehicle for learning experiences in art outside the classroom through programs and field trips; 3) to provide students with ready opportunities to exhibit their work and learn about the technicalities of the exhibiting process; 4) to raise scholarship funds for art students and hold competitions designed to distribute those funds; 5) to provide art-related services to the community on a limited basis; and 6) to raise the art-consciousness of college and community by bringing quality work to the campus.

STUDENT AMERICAN DENTAL HYGIENIST ASSOCIATION—An organization assigned to promote the professional development of enrolled dental hygiene technology students preparing for a career in dental hygiene. Licensed hygienists who are students working toward a baccalaureate or graduate degree complementary to a career in dental hygiene are also eligible for student membership.

STUDENT OPTICAL SOCIETY—The Roane State Student Optical Society is designed to promote and encourage cooperation and unity among opticianry students, to improve their academic standing, and encourage student involvement in the community through optical related volunteer work and service projects.

WOMEN'S STUDENT ORGANIZATION—The WSO increases women's awareness regarding opportunities available to them at Roane State while fostering a better understanding and appreciation, on the part of the administration, of the needs of women students at the college. In addition, the organization provides materials and programs to inform women students of 1) continuing education, 2) career planning, 3) financial aid, and 4) personal growth opportunities as well as personal support and guidance to current and prospective students.

WRITER'S BLOCK—This is an organization for students who write poetry, drama, short stories and novels. It meets once a month on or off campus to share writing and to offer support as well as constructive commentary. The group also does one or two service projects per semester and discusses copy-righting and publishing.

B. ORGANIZATIONS AND BOARDS

ATHLETIC PROMOTERS—The Athletic Promoters are a group of students that are selected by interviews to promote Roane State Athletics. During the basketball season the group provides entertainment, special promotions and contests for those attending the games as well as support for our athletes.

CAMPUS ACTIVITIES BOARD—The Campus Activities Board provides opportunities for students on the Scott County, Knox County, Loudon County and Campbell County campuses to gain leadership skills while providing social activities for their campus. The Campus Activities Board also assists in special campus projects.

CANEY CREEK SAMPLER—The School's magazine for the arts publishes poetry, short fiction, plays, essays, music, and art. Submissions are accepted from students, faculty, staff, and alumni. The magazine is staffed by students and is under the guidance of a faculty advisory board. See our website at <http://rsccartsmag.com>.

ROANE STATE CONCERT CHOIR—This chorus is the official college choral organization. It performs a repertoire of standard choral selections at various college, public school, church, civic, and community functions.

STUDENT GOVERNMENT ASSOCIATION—Roane State currently has Student Government Associations on the Roane County Campus, the Oak Ridge Branch Campus and the Cumberland County Campus. The SGA provides opportunities for students to offer constructive opinions, thereby promoting cooperation among students, faculty, and administration, and works for the common good of Roane State by assisting in the promotion of social activities and special campus projects. The SGA is organized into three (3) branches: 1) Executive Branch (President, Vice-President, and Cabinet), 2) Legislative Branch (Student Senate) and 3) Judicial Branch (Supreme Court). For copies of the Student Government constitution contact the Student Government president, Coordinator of Student Activities or the office of the Dean of Student Services and Multicultural Affairs.

C. REGISTRATION OF STUDENT ORGANIZATIONS

The college shall adopt and enforce such rules and regulations as it may deem necessary and proper with regard to the registration, recognition and function of student organizations which operate on the college campus. The rules and regulations adopted by the college shall provide for the consistent application of reasonable standards and shall afford procedural due process by authorizing and providing for an appeal with the President of the College.

Membership in a student organization shall be limited to members of the college community; however, membership may include individuals from the professional and business communities. Membership shall be extended to such persons without regard to their race, religion, national origin, or sex.

The registration and recognition of a student organization by the college does not constitute college endorsement or approval of the policies or activities of the organization. No student organization shall represent or imply in any manner, in its contact with the public, that it speaks for or in the name of the College.

Student organizations and their members are subject to all state and federal laws and the rules and regulations adopted by the college and the Tennessee Board of Regents. All student organizations are required to register with the Coordinator of Student Activities.

The following procedures must be followed to register a student organization and gain active status:

- 1) Submit an application for the formation of a new club. Applications are available from the office of the Dean of Student Services and Multi-cultural Affairs or the Coordinator of Student Activities.
- 2) Secure a faculty advisor for the organization.
- 3) Secure approval from the Coordinator of Student Activities to hold an organizational meeting.
- 4) Prepare and submit the Constitution of the organization which must contain the following: the name, purpose, proposed activities, rules of membership of the organization, officers, their terms and method of selection, nature and frequency of meetings, and financial plans including any proposed fees, dues and assessments.
- 5) A signed statement of compliance by the organization that it will comply with all rules and regulations, policies, and procedures of the board and the institution and with all federal and state laws and regulations.

To retain an active status all organizations must submit the following information annually to the Coordinator of Student Activities.

- 1) A club roster containing the current officers and sponsors.
- 2) Changes in the Constitution or Bylaws.
- 3) An annual report outlining the organization's activities and accomplishments for the year.

An organization may be placed on probation or suspended for the following reasons:

- 1) Failure to maintain compliance with the initial registration requirements.
- 2) The organization ceases to operate.
- 3) The organization fails to submit any required reports.
- 4) The organization requests withdrawal of registration.
- 5) The organization operates or engages in any activity in violation of rules and regulations of the institution or federal or state laws.

All organizational members and advisors are responsible for being familiar with the guidelines and policies listed above.

TESTING SERVICES

Phone: 865-882-4661 (Roane County)

Phone: 865-481-2000 ext. 2251 (Oak Ridge Branch Campus)

The Testing Center provides a wide range of services to both the College and the community. As a service to students entering Roane State, to other local students, and to residents of the community, the College serves as a testing center for the General Educational Development (GED) test. The Testing Center administers the ACT Test on national test dates. For students who have made application to Roane State, the college testing center administers the ACT Residual and placement tests. In addition, the Center provides testing for the RN Entrance Examination, LPN Challenge, Health Science Entrance Exam and special departmental performance exams. The Academic Profile test required of all graduating sophomores is also provided by the Center.

REGULARLY SCHEDULED TESTS

Placement Tests (COMPASS)

The placement exams are given on the Roane County and the Oak Ridge campuses and at off-campus centers to Roane State applicants who have been admitted to the college. The basic skills assessment is required of all degree-seeking students who are 21 years of age and older or whose ACT scores indicate further testing is needed for placement.

Academic Profile Test

Each graduating sophomore is required by the Tennessee Board of Regents to take a test of general competency. This test does not affect one's graduating status; rather it is a measure of how well Roane State educates its students. Students are encouraged to do their best since Roane State's evaluation and future funding are based on student performance. Students are advised that failure to meet this graduation requirement will result in having the student's diploma held until this condition is met.

ACT-Residual

The ACT exams are given on the Roane County and the Oak Ridge campuses for students who are enrolled or have an application on file at Roane State. These test results are reported only to Roane State for placement purposes. Score reports are not available to other institutions or scholarship agencies.

ACT-National

Roane State Community College serves as an area test center for the American College Testing Program (ACT). Tests are given on the Roane County campus on all five of the national test dates. Students wishing to have their scores reported to institutions other than RSCC should take this test. Registration applications are available through high school guidance offices of the Testing Center.

College At Home

The College At Home (CAH) exams are given on the Roane County and the Oak Ridge campuses for students enrolled in College At Home courses. Specified hours are established at the beginning of each semester to offer the student a variety of testing times including days and evenings. Testing services are offered usually Monday through Saturday depending on the semester.

GED Test

The General Education Development (GED) test for a high school equivalency diploma is administered at the Roane County and Oak Ridge campuses on a regular schedule. Appointments are necessary and may be made by calling 865-882-4661 in Roane County, 865-481-2003 in Oak Ridge or by visiting the Testing Center on either campus.

To be eligible to take the test, an applicant must be (1) nineteen years of age, (2) dropped out or withdrawn from high school, and (3) able to furnish proof of age and identity. A current photo driver's license is the best source of identification. Applicants seventeen and eighteen years of age with an approved superintendent's recommendation for testing are also eligible to test.

An equivalency diploma is issued by the State Department of Education upon passing the GED Test by obtaining an overall average score of 45 with no subtest score below 40.

Persons who feel inadequately prepared to take the GED test may contact their local school system or Tennessee Technology Center for GED preparation classes.

IDEA

The Testing Center works closely with the IDEA (Interactive Distance Education Access) instructor to schedule test dates to ensure a proctor will be provided at the sites designated by the instructor. This allows assistance to the remote site students during testing.

LPN Challenge Test

This test is administered once during the fall and spring semesters for LPNs who wish to qualify for the LPN Career Mobility Program. Scores are valid for three years.

**OTHER STUDENT SERVICES INFORMATION
FROM THE DEAN'S OFFICE**

ACCESS TO FACULTY—All full-and part-time faculty must establish and publish office hours in a manner visible to students. This includes faculty who are teaching at the main campus, the branch campus, the off-campus sites or through distance learning formats. Information regarding the location of the office, contact methods (i.e. telephone, e-mail, and mailbox location) and the days and times available must be included on the course syllabus. In addition, faculty locator data is available on the college's web page and in printed form in the academic division offices.

BULLETIN BOARDS—College regulations require that all notices, posters, advertisements, announcements, and other bulletin board information be approved, signed and dated by the office of the Dean of Student Services and Multicultural Affairs (Roane County), Dean of the Oak Ridge Branch Campus (Oak Ridge), or the directors at the Scott, Loudon, Cumberland, and Campbell Centers. Approval may be obtained during normal working hours. Notices may remain on display for fourteen days (two weeks) before being removed and discarded. Posted material may be saved through personal removal prior to the expiration date. Materials should be posted only on bulletin boards, not walls or window space.

To maintain clean and uncluttered bulletin boards, all notices and announcements must be typed or neatly hand printed. Students should remove all notices personally if posted information becomes obsolete prior to the expiration date.

No solicitations of any form may be posted. All job posting must have prior approval by the Placement Office.

HARASSMENT (SEXUAL, RACIAL OR OTHER)

Harassment: Any form of harassment including, but not limited to, racial harassment, sexual harassment, or stalking, is prohibited by Title II of the Civil Rights Act of 1964. Any student who believes he or she has been subjected to harassment at Roane State should present the charge to the Dean of Student Services and Multicultural Affairs. Applicants for employment or employees should report such charges to the Affirmative Action Officer in the Human Resources Office.

Any present employee or student, former employee or student, or applicant for employment or admission at Roane State Community College who believes that discrimination has been practiced against him or her, or any employee or student who feels that practices at Roane Community College will result in discrimination against him or her should report these charges to the Affirmative Action Office.

HEALTH INSURANCE—Health and accident insurance coverage is available to all qualified students in the Tennessee University and Community College System. Students must be enrolled for at least 6 semester hours to be eligible for coverage. Plans are available for individuals or families. Enrollment forms are available in the office of the Dean of Student Services and Multicultural Affairs and from the Directors at all off campus locations.

NONDISCRIMINATION ON THE BASIS OF SEX IN EDUCATION PROGRAMS AND ACTIVITIES

—It is the policy of the Tennessee Board of Regents that, Pursuant to Title IX of the Education Amendments of 1972, Sections 799A and 845 of the Public Health Service Act, and Regulations adopted pursuant thereto, no institution or school shall discriminate on the basis of sex in the education programs or activities of the institution or school, including health-related programs. Institutions and schools shall ensure that equal opportunity and nondiscrimination exist on the basis of sex for students in all education programs and activities, including, but not limited to, the following: (1) recruitment and admission; (2) academic, extracurricular, research, occupational training, health related training, and other educational programs; (3) rules on student life activities; (4) housing; (5) facilities; (6) access to course offerings; (7) counseling; (8) financial assistance; (9) employment assistance; (10) health and insurance benefits and services; (11) rules on marital or parental status; and (12) athletics. In addition, in conjunction with Board Policy No 5:01:02:00, each institution and school shall ensure that no person, on the basis of sex, is excluded from participation, denied the benefits of, or subjected to discrimination in employment under any education program or activity. Nondiscrimination in employment on the basis of sex shall include, but not be limited to, the following areas: (1) employment criteria, (2) recruitment and hiring, (3) promotion, tenure, demotion, transfer, layoff, termination, nepotism policies and rehiring; (4) compensation; (5) job assignments, classifications and descriptions, lines of progression and seniority lists; (6) leave; (7) fringe benefits; and (8) all other terms, conditions, and privileges of employment.

POLICY MAKING AND THE STUDENT—Students have the right to voice their opinions and ask questions concerning current issues or policies of the College. RSCC students may participate in the decision making process through the Student Government Association, by representation on some standing college committee, as well as participation on the Academic Curriculum Council. In addition, RSCC has an “open door policy” which allows students the opportunity to express their views through college administration.

SEXUAL OFFENDER NOTIFICATION—Roane State Community College, in compliance with the Federal Campus Sex Crimes Prevention Act and the University Sex Crimes Prevention Act of 2002, is distributing the following notice:

The Federal Campus Sex Crimes Prevention Act and the Tennessee College and University Campus Sex Crimes Prevention Act of 2002 require that whenever a sex offender becomes employed, enrolls as a student or volunteers at an institution of higher education in the state of Tennessee, he or she must complete or update the Tennessee Bureau of Investigation (TBI) sexual offender registration/monitoring form and deliver it to TBI headquarters in Nashville. As defined in section 40-39-102 of the Tennessee code, a “sexual offender” means a person who is, or has been, convicted in this state of committing a sexual offense or who is, or has been convicted in another state or country, or who is or has been convicted in a federal or military court, of committing an act which would have constituted a sexual offense if it had been committed in this state. A “sexual offense” means the commission of acts including, but not limited to, aggravated and statutory rape, sexual battery, sexual exploitation of a minor, aggravated prostitution, and kidnapping. Both acts designate certain information concerning a registered sexual offender as 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. Since the laws require the publication of information pertaining to sexual offenders employed, enrolled or volunteering at an educational institution, said publication does not constitute grounds for a grievance or complaint under institutional or Tennessee Board of Regents policies or procedures.

SOLICITING—No soliciting or sales, related to or affecting students, are permitted on the campus without securing prior written approval from the office of the Dean of Student Services and Multicultural Affairs.

STUDENT COMPLAINTS—Roane State Community College is committed to providing a quality educational experience for all students. Students are encouraged to take advantage of all relevant services and programs offered by the college therefore, RSCC is concerned that all students receive the best treatment possible by college personnel. However, if a student feels he/she has not received fair treatment, or has a complaint regarding some situation or condition (financial aid, tuition, refunds, parking tickets, advisement, records, admissions, facilities, classroom concerns, student conduct, etc.) at the College, the student may address the complaint in writing to the Dean of Student Services and Multicultural Affairs. The Dean of Student Services and Multicultural Affairs will investigate the complaint, consulting with other RSCC personnel as needed and will notify the student of the outcome. If the student is not satisfied with how the Dean of Student Services and Multicultural Affairs has tried to resolve the issue, the student may be heard by the Vice President of Academic Services. Please review the RSCC catalog (Student Services section) for detailed procedures regarding the appeal process for disciplinary matters.

STUDENT RESPONSIBILITY—There are a number of established policies and regulations and student-right-to-know information, developed by the College as well as mandated by the Tennessee Board of Regents, that exist for the welfare of both students and the college. This information is described in the following publications: The RSCC catalog, the Students' Guide to Safety, and the Student Handbook/Calendar, which are available and accessible to students at all RSCC campus locations. This information is also presented in the New Student Orientation sessions and in credit Orientation courses. Students should contact the Admissions Office, Academic Advisement Center, or the Dean of Students for copies, if needed. Although the College provides this information to the student, it is the student's responsibility to become familiar with the policies and regulations outlined in these publications. Students may see the Dean of Student Services and Multicultural Affairs for clarification of these policies and regulations.

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, 39-17-130-9)"

**BOARD OF REGENTS OF THE STATE
UNIVERSITY AND COMMUNITY COLLEGE
SYSTEM OF TENNESSEE**

STATUTORY MEMBERS

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OFFICERS

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ADMINISTRATION

Office of the President

(865) 882-4501

Wade B. McCamey *President*
B.S., East Tennessee State University—Geography and Biology
M.A., East Tennessee State University—Education Administration
Ed.D., East Tennessee State University—Education Administration (1976)
Mamie Whittenbarger *Administrative Assistant*
A.S., Roane State Community College—General Technology (1998)
Certified Professional Secretary (1996)

Internal Audit

(865) 882-4529

Jack D. Walker *Auditor*
 B.B.A., Carson Newman College—Accounting (1987)
 C.P.A., State of Tennessee

Office of the Vice President for Academic Affairs

(865) 882-4513

Adolf A. King *Interim Vice President*
 B.S., City of Leicester Polytechnic Institute—Applied Chemistry
 M.S., Imperial College of Science and Technology, London Univ.—
 Analytical Chemistry
 D.I.C., Imperial College of Science and Technology, London Univ.—
 Analytical Chemistry
 Ph.D., Imperial College of Science and Technology, London Univ.—
 Analytical Chemistry (1977)

Cathy Smith *Executive Secretary*
 A.A.S., Roane State Community College—General Technology (1999)
 Certified Professional Secretary (1990)

Office of the Vice President for Financial Services

William S. Fuqua III *Vice President*
 B.S., Tennessee Technological University—Business Administration (1974)
 C.P.A., State of Tennessee

Allen L. Brunton *Director*
 A.S., Roane State Community College—Business Management
 B.S., Middle Tennessee State University—Accounting (1976)

Carol Smith *Executive Secretary*
 A.S., Roane State Community College—Office Administration (1981)
 Certified Professional Secretary (1990)

**Administrative Systems
 (Computer Center)**

(865) 882-4560

Chris S. Pankratz *Director of Administrative Systems*
 A.S., Roane State Community College (1991)
 B.S., Tusculum College—Applied Organizational Management (1999)

Angela Sexton *Programmer/Analyst*
 A.S., Roane State Community College—Computer Science (1982)

Shirley Boles *Programmer/Analyst*
 B.S., Tusculum College—Organizational Management (1995)

James Humphreys *Programmer/Analyst*
 A.S., Roane State Community College—Computer Science (1986)

Deb Beeler *Secretary/Operator*

Kim Leach *Operator*

Admissions Office

(865) 882-4523

- Maria Gonzales *Director of Admissions and Recruitment*
 A.A., Hiwassee College
 B.S., University of Tennessee—Zoology (1984)
- Jim McDaniel *Admissions Counselor*
 B.S., University of Tennessee—Hotel/Restaurant Administration
 M.S., University of Tennessee—Education (1991)
- Chris Creswell *Recruiter/Admissions Officer*
 A.S., Roane State Community College—General (1989)
- Gloria Marine *Admissions Officer*
 A.A.S., Roane State Community College—Office Administration (1998)
 Certified Professional Secretary
 Tennessee State Certified Clerk Typist
- Joy Armes *Admissions Officer*
 A.S., Roane State Community College—Office Administration (1986)
- Shelley Reed *Admissions Officer*
 A.S., Roane State Community College—Office Administration
 B.S., Tusculum College—Applied Organizational Management (1991)

Alumni Relations

(865) 882-4503

- Tamsin E. Miller *Interim Director*
 B.F.A., Brigham Young University—Interior Design
 M.S., University of Tennessee—Adult Education (1994)
- Gail Russell *Interim Coordinator*
 B.S., West Virginia State College—Business Administration
 M.A., Virginia Polytechnic Institute and State University—Counseling/Student
 Personnel (1978)
- Tammy Stanford *Interim Coordinator of Alumni Communications*
 B.S., Tennessee Technological University—English/Journalism (1988)
- Carol Foltz *Technician*
- Pecola Ewing *Clerical Support*

Articulation

(865) 882-4597

- Tammie Bolling *Coordinator*
 A.S., Mountain Empire Community College
 B.S., University of Virginia College at Wise—Business and Public Administration
 M.B.A., Bristol University (1992)

Athletics

(865) 882-4581

- Randy Nesbit *Athletic Director/Men’s Basketball Coach*
 B.S., The Citadel—Business Administration
 M.B.A., The Citadel—Business (1986)
- Wilma Black *Secretary*
- Larry Works *Baseball Coach*
 B.S., East Tennessee State University—Health and Physical Education
 M.S., University of Montana—Health and Physical Education and Psychology
 (1968)
- Johnny Jones *Women’s Basketball Coach*
 A.A., Martin College
 B.S., Middle Tennessee University—Physical Education
 M.S.S., United States Sports Academy—Fitness Management
- Katrina Goldston *Softball Coach*
 A.S., Roane State Community College—Business
 B.S., Tennessee Technological University—Finance
 M.S., University of Tennessee—Sports Administration (2000)
- Misty Griffin *Assistant Women’s Basketball Coach*
 A.S., Snead State Community College—Health & Physical Education
 B.A., Martin Methodist College—Early Childhood Education
 M.A., Tennessee Technological University—Health & Physical Education (2001)
- Jason Taylor *Assistant to the Athletic Director and
 Assistant Men’s Basketball Coach*
 A.S., Roane State Community College—General
 B.S., Jacksonville State University—Health & Physical Education (2001)

Bookstore

(865) 882-4671

- Sandra Hampton *General Manager*
- Retta Bolden *Store Manager, Oak Ridge Bookstore*

Campbell County Higher Education Center

(423) 562-7021

- Cynthia A. Gardipe *Director*
 B.S., Tusculum College—Applied Organizational Management (1990)
 M.A., Tennessee Technological University—Educational Psychology and Counselor Education (1995)
- Sharon W. Baird *Technical Clerk*
 A.S., Roane State Community College—General (1997)
 B.S., Tusculum College—Applied Organizational Management (1998)
- Vanessa Overton *Secretary*
 A.S., Roane State Community College—General (2000)

Center for Teaching Arts and Technology

(865) 882-4556

- A. Steven Ward *Interim Director/Associate Professor of Chemistry*
 B.A., West Virginia University—Chemistry
 M.S., West Virginia University (1985)
- Lon Bird *Audiovisual Technician*
 A.A.S., Pellissippi State—Video Production Technology
- Alice Brannon *CTAT Secretary*
- Mary Jordan-Brown *Audiovisual Clerk/Typist*
- Tom Okulczyk *Training Specialist/Computer Lab Technician*
 A.S., Blackhawk College—Business (1991)
- J. Patrick Pate *Assistant Librarian for Audiovisual Services, Assistant Professor*
 B.A., University of Tennessee—Fine Arts
 M.S., University of Tennessee—Library Information Science (1985)
- Henry Rotters *IDEA Room Technician/Telecommunications Technician III*
 MCP, MCP&I, MCSE (2000)
- Jamie Stringer *WebCT Administrator/Faculty Webmaster*
 A.A.S., Roane State Community College—Police Science
 A.A.S., Roane State Community College—Corrections
 B.S., Chadwick University—Criminal Justice
 MCP, MCP&I, MCSE (2000)
- Jeremy Pulcifer *Institutional Webmaster*
 A.A.S., Roane State Community College—Business Management (1999)

Centers for Training and Development

(865) 882-4612

- Teresa Sherrill Duncan *Director*
 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)
- Kirk Harris *Director, Health Science Programs*
 Licensed Tennessee State Paramedic and Critical Care Paramedic
 A.S., Lake Sumter Community College—Emergency Medical Care
 B.S., University of Tennessee—Botany (1992)
- Dan Collier *Small Business Development Specialist*
 B.A., Vanderbilt University—Business Administration
 M.B.A., University of Chicago—Business Administration
- Lawrence Wade Johnson *Manager of Business Programs*
 B.A., Covenant College—Organization Management-Business Administration
 M.S., University of Tennessee—Industrial & Organization Psychology
 CPCM, Certified Professional Consultant to Management

Stephanie P. Price *Director, Center for Computer Training and
Professional Development*

B.S., University of Tennessee at Chattanooga—Education (1988)

Kristi Townsend *Secretary*

A.A.S., Roane State Community College—Business Management Technology
(1998)

Community Services

(865) 882-4509

Tamsin E. Miller *Director*

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

Wendy McElhaney *Technical Clerk*

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

Computer Services

(865) 882-4560

Chris. S. Pankratz *Director of Administrative Systems*

A.S., Roane State Community College (1991)
B.S., Tusculum College—Applied Organizational Management (1999)

Robert L. Brown *Computer Lab Technician*

David J. Ribes *Computer Lab Technician*

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

Angela Sexton *Programmer/Analyst*

A.S., Roane State Community College—Computer Science (1982)

Shirley Boles *Programmer/Analyst*

B.S., Tusculum College—Organizational Management (1995)

James Humphreys *Programmer/Analyst*

A.S., Roane State Community College—Computer Science (1986)

Deb Beeler *Secretary/Operator*

William Elwartowski *Computer Lab Technician*

Thomas A. Krewson *Computer Lab Technician*

A.S., Roane State Community College—Mini-Microcomputer Technology (1987)

Christopher Olka *Computer Lab Technician*

A.S., Roane State Community College—Business Management Technology (1988)

Chris Zerr *Computer Lab Technician*

B.A., Johnson Bible College—Bible (1992)

Lyle Fountain *Computer Lab Technician*

A.S., Roane State Community College—Business Management Technology (1997)

Peter Souza *Network Manager*

M.S., University of Tennessee—Geology

Continuing Education and Workforce Development

(865) 882-4607

- Paul E. Goldberg *Dean*
 B.S., University of Tennessee—Economics
 M.S., University of Tennessee—Geography
 Ed.D., University of Tennessee—Educational Administration and Supervision
- Denette N. Flynn *Systems Coordinator (WIA)*
 B.A., University of Tennessee—Human Services
- Glenda Walls *Administrative Secretary*
 A.A.S., Roane State Community College—Contemporary Management (2002)
 Certified Professional Secretary (2000)

Counseling and Career Services (Advisement, Disability Services, Graduation)

(865) 882-4546—Roane County
 (865) 481-2003—Oak Ridge

- Jeff Snell *Counselor*
 B.A., Carson-Newman College—Psychology
 M.S., University of Tennessee—Counseling/Educational Psychology (1992)
 NCC, National Board for Certified Counselors
 LPC, TN Health Related Boards
- H. R. Anderson, Jr. *Advising/Career Counseling Specialist*
 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
- Tracey Watson *Counselor*
 A.A., Hiwassee College—Human Services
 B.S.W., East Tennessee State University—Social Work
 M.S.S.W., University of Tennessee—Social Work (1998)
 L.C.S.W., Licensed Clinical Social Worker, TN Health Related Boards
- Julianne Davis *Counselor*
 B.S., University of Tennessee—Business Administration
 M.Ed., University of Memphis—School Counseling (1989)
- Tina S. Messamore *Secretary*
 A.S., Roane State Community College—Business Management Technology (1984)
- S. Paulette Knight *Technical Clerk, Oak Ridge*
 Certificate, Secretarial Science—Roane State Community College
 A.S., Roane State Community College—Office Administration (1995)
- Paula Choate *Graduation Analyst*

Cumberland County Higher Education Center

(931) 456-9880

- Muffin Liskovec *Director*
- Myra Holloway *Technical Clerk*
 A.S., St. Petersburg Junior College—Legal Studies
 A.S., Daytona Beach Community College—Southeast Center for Photographic
 Studies (1995)
 Certified Professional Secretary (2000)
- Shirley Hudson *Evening Secretary*
 Certified Professional Secretary (2001)
- Sandra Fuller *Secretary*
 A.S., Cleveland State Community College—Accounting (1990)
 Certified Professional Secretary (1998)
- Peggy Miller *Library Assistant/Secretary*
 B.S., Tennessee Technological University—Health and Physical Education
 M.A., Tennessee Technological University—Curriculum & Instruction (1966)
- Esco Delane Sidwell *Lead Custodian*
- Ronald Johnson *Maintenance/Custodial Supervisor*
- Larry Stooksbury *Security*

Developmental Studies

(865) 882-4675

- Charles E. Smith *Director of Developmental Studies*
 B.S., Middle Tennessee State University—Mathematics
 M.M., University of Tennessee—Mathematics
 Ed.D., University of Tennessee—Educational Administration (1981)
- Kathy Snipes *Technical Clerk*
 A.S., Roane State Community College—Office Administration
 A.S., Roane State Community College—Secondary Education (1993)
 Certified Professional Secretary (1998)

Distance Education

(865) 882-4602

- M. Kathryn Rhodes *Director*
 B.S., University of Tennessee—Business Administration (1981)
- Matthew Ward *Technical Clerk, RODP Student Contact*
 A.S., Roane State Community College—Business Administration
 B.S., University of Tennessee—Business Administration (2001)

Energy Education

(865) 531-8051

- Anne Allen *Energy Education Specialist*
 B.A., University of Tennessee—Liberal Arts
 M.S., University of Tennessee—Education (1980)
- Kay DeVore *Technical Clerk*
 Certified Professional Secretary (1998)

Enrollment Management

(865) 882-4524

- Judith A. Tyl *Dean of Enrollment Management and Main Campus*
 B.A., University of Tennessee—Psychology
 M.S., University of Tennessee—Educational Psychology (1985)
- Diane Castle *Administrative Secretary*
 A.S., Hillsborough Community College—Interpreter's Training
 B.A., Central Missouri State—French (1968)
 Certified Professional Secretary (1996)

Exposition Center

(865) 882-4590

- Warren Berkshire *Director*
 B.S., Tennessee Technological University—Wildlife Science (1998)
- Cathi J. Wallace *Technical Clerk*
- William O. Warner *Farm Worker*
- Tim Christopher *Farm Worker*
- Trevor Tilson *Farm Worker*

Financial Aid

(865) 882-4545

- Joy Goldberg *Director*
 B.S., University of Tennessee—Education
 M.S., University of Tennessee—Education (1977)
- Tina Long *Assistant Director*
 A.S., Roane State Community College—General
 B.S., University of Tennessee—Education (1999)
- Amy Starkey *Financial Aid Assistant*
 B.A., Carson Newman College—English/Communications (1991)
- Robin Townson *Financial Aid Technician*
 A.S., Roane State Community College—Business Management Technology (1989)
 Certified Professional Secretary (1998)
- Kendra Howard *Financial Aid Assistant*
 A.A.S., Roane State Community College—General Technology (2000)

Helen Turney *Financial Aid Assistant*
 Linda Aytes *Financial Aid Clerk*

Fiscal and Auxiliary Services

(865) 882-4515

Jamie Wilmoth *Director*
 B.S., Tennessee Technological University—Accounting (1978)
 Marsha Mathews *Assistant Director*
 B.S., Tennessee Technological University—Accounting (1990)
 Connie McCullough *Accountant*
 A.S., Roane State Community College—Business Management (1982)
 Ann Alexander *Account Clerk*
 Linda Fugate *Account Clerk*
 A.S., Roane State Community College—Business Management (1992)
 Certified Professional Secretary (1997)
 Donna Lindsey *Account Clerk*
 A.S., Roane State Community College—Business Management Technology (1982)
 Certified Professional Secretary (1997)
 Annette Stooksbury *Lead Cashier*
 Mary Edmonds *Cashier*
 A.S., Knoxville Business College (1970)
 Joan Runyan *Cashier*
 Carol Young *Cashier*
 Diane Mount *Account Supervisor*
 A.S., Roane State Community College—Accounting Technology (1980)
 Certified Professional Secretary (1995)
 Mary Ann Samples *Account Clerk*
 Certified Professional Secretary (1996)
 Geraldine Sandifer *Account Clerk*
 A.S., Roane State Community College—Business Management (1992)
 Certified Professional Secretary (1996)
 Michele Patterson *Account Clerk*
 A.A.S., Roane State Community College—General Technology (1999)
 Certified Professional Secretary (1996)

Foundation

(865) 882-4507

Melinda Hillman *Dean of Institutional Advancement*
 A.S., Cleveland State Community College
 B.A., Tennessee Wesleyan College—Communications
 M.P.A., University of Tennessee at Chattanooga—Public Policy (1994)
 Linda Brown *Accountant*
 B.B.A., East Tennessee State University—Accounting

Carol Foltz *Technician*
 Jeana Bradley *Administrative Secretary*

Human Resources

(865) 882-4679

Kathy L. Gethers *Dean of Human Resource, Health and Fitness*
 B.S., University of Tennessee—Personnel Management (1982)
 M.B.A., Tennessee Technological University—Business Administration (1992)

A. Odell Fearn *Human Resources Manager*
 A.S., Knoxville Business College—Computer Science
 B.S., Tennessee Wesleyan College—Management (1990)

Jana Hamby *Administrative Secretary*

Karen B. Grigsby *Personnel Clerk*

Information Technology

(865) 882-4618

Timothy D. Carroll *Executive Director of Information Technology*
 B.S., Embry Riddle Aeronautical University—Management
 M.S., University of Southern California—Systems Management (1987)

Institutional Effectiveness and Research

(865) 882-4669

Karen L. Brunner *Director of Institutional Effectiveness and Research*
 B.A., University of Iowa—Dramatic Arts
 M.A., West Virginia University—Dramatic Arts (1977)

Kristi Roberson-Scott *Institutional Research Analyst*
 B.S., East Tennessee State University—Psychology & Public Health
 M.P.H., East Tennessee State University—Community Health Education (1998)

Kriss Gabourel *Coordinator of Reporting*
 B.S., Florida A&M University—Computer & Information Systems (1990)

Doug Wallace *Scheduling and Institutional Research Technician*
 A.A.S., Roane State Community College—Business Management Technology (1999)

Ruth Lee Melton *Imaging Technical Clerk*

Knox County Center for Health Sciences

(865) 539-6904

Anne Allen *Director*
 B.A., University of Tennessee—Liberal Arts
 M.S., University of Tennessee—Education (1980)

Kay DeVore *Technical Clerk*
 Certified Professional Secretary (1998)

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

Sharon Christmas *Receptionist/Secretary*

Learning Center

(865) 882-4677—Roane County

(865) 481-2026—Oak Ridge

Richard L. Baskin *Coordinator of RSCC Writing Centers
Director, Harriman Center*

B.A., University of North Texas—English
M.A., University of North Texas—English
Ph.D., University of Tennessee—English (1992)

Robert Alfonso, Jr. *Director of ORBC Writing Center*

B.A., Kent State University—English
M.A., East Tennessee State University—English (1992)

Library

(865) 882-4553

Rebecca I. Brunton *Director of Library Services*

A.S., Roane State Community College—General
B.S., Middle Tennessee State University—History
M.S., University of Tennessee—Library Science (1981)

Laura Vaughn *Branch Librarian/Instructor*

B.S., Newberry College—Arts Management
M.S., University of Tennessee—Library and Information Science (1996)

Rosemary Ellis *Cataloging Librarian, Assistant Professor*

B.A., University of Tennessee—Liberal Arts
M.S., University of Tennessee—Library Science (1977)

Robert M. Benson *User Services Librarian/Instructor*

B.A., University of Tennessee—English (1996)
M.S., University of Tennessee—Information Science (2000)

Shelia Whittenbarger *Library Assistant*

Ollie Nolan *Library Assistant*

B.S., University of Tennessee—Education
M.S., University of Tennessee—Health and Physical Education (1972)

Luz VanCoevering *Library Assistant*

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

Mary Vineyard *Library Assistant*

Harriman Vocational Technical Center—Office Occupations (1975)

Loudon County Higher Education Center

(865) 986-1525

Susan Williams *Director*

B.S., University of Tennessee—Communications/Public Relations (1990)

Yvonne Toon *Technical Clerk*

Lisa Smith *Secretary*

Marketing and Public Relations

(865) 882-4505

- Jeff Gary *Director of Marketing and Public Relations*
 B.S., University of Tennessee—Communications/Journalism
 M.S., University of Tennessee—Public Relations (1993)
- Celia Breedlove *Advertising & Promotions Manager*
 B.S., University of Southern Mississippi—Photo-Journalism (1978)
- Tammy Stanford *Coordinator of News Services*
 B.S., Tennessee Technological University—English/Journalism (1988)
- Sandi Roberts *Coordinator of Graphics Arts*
 B.F.A., East Tennessee State University—Graphic Design (1989)
- Marilyn Kemmer *Secretary*

**Networking and Technical Support
(Help Desk)**

(865) 882-4595

- Peter Souza *Director of Networking and Technical Support*
 B.S., University of New Hampshire—Geology (1998)
 M.S., University of Tennessee—Geology (1991)
- David J. Ribes *Help Desk Manager/Lead Computer Technician*
 A.A.S., Stark Technical College—Electronic Engineering Technology (1985)
- Anita Anthony *Computer Lab Technician*
- Robert L. Brown *Computer Lab Technician*
- William Elwartowski *Computer Lab Technician*
- Lyle Fountain *Computer Lab Technician*
 A.S., Roane State Community College—Mini-Microcomputer Technology (1997)
- Elizabeth Hill *Help Desk Operator*
 B.S., University of Memphis—Political Science (1990)
- Tomas A. Krewson *Computer Lab Technician*
 A.S., Roane State Community College—Mini-Microcomputer Technology (1987)
- Chris Olka *Computer Lab Technician*
 A.S., Roane State Community College—Business Management Technology (1988)
- Chris Zerr *Computer Lab Technician*
 B.A., Johnson Bible College—Bible (1992)

Oak Ridge Branch Campus

(865) 481-2000

- Loretta Friend *Dean, Satellite Campuses*
 B.S., Middle Tennessee State University—Vocational Education
 M.Ed., Vanderbilt University—Human Resource Development (1988)

- Pam Shannon *Administrative Secretary*
 Secretarial Science Certificate—Roane State Community College
 A.A.S., Roane State Community College—General Technology (2001)
- Mariella Akers *Faculty Secretary*
 B.A., Hood College—Psychology
 M.F.A., Savannah College of Art and Design—Historic Preservation (1995)
- Brenda Brown *Information Center Supervisor*
 B.A., University of Tennessee—Sociology/Criminal Justice (1999)
- Rhonda Ashburn *Receptionist*
- Sandy Brock *Faculty Secretary*
 A.S., Pellissippi State Technical Community College—General (1990)
- Susan Wry *Faculty Secretary*
 A.S., Roane State Community College—General Studies (1981)
- W. Raink Hembree *Maintenance Supervisor*
 A.S., Hawaii Pacific University
- Gary Baker *Utility Worker*
- Robert Gregg *Grounds Worker I*
- Florrel Hamby *Custodian*
- James Johnson *Maintenance Utility Worker*
- Irene Weismuller *Custodian*
- Greg Brown *Custodian*
- Glenn Harvest *Custodian*
- Jimmie Neal *Maintenance Utility Worker*
- Tanya Souther *Custodial Lead Worker*
- Todd Thompson *Security Guard*
- Troy Williams *Maintenance Worker*
- Terrance Wooten *Security Guard*

Payroll

(865) 882-4518

- Mildred Millican *Payroll Supervisor*
 A.S., Roane State Community College—General Technology (1998)
 Certified Professional Secretary
- Amy Blair *Account Clerk*
 Certified Professional Secretary
 A.A.S., Roane State Community College—General Business (2000)
- Nancy Rose *Payroll Clerk*

Physical Plant

(865) 882-4565

Wayne Christopher	<i>Director</i>
B.S., Miami University—Education (1965)	
Marilynn Brown	<i>Secretary</i>
Certified Professional Secretary (2001)	
Bill Wilson	<i>Maintenance Supervisor</i>
Roger G. Parker	<i>Grounds Supervisor</i>
Ruth Lamance	<i>Custodial Supervisor</i>
Mike McClure	<i>Courier</i>
Rita Jones	<i>Security Officer</i>
A.S., Roane State Community College—Criminal Justice (1986)	
Dale Kendrick	<i>Security Officer</i>
A.S., Roane State Community College—Police Science (1983)	
Mike McPeters	<i>Security Guard</i>
Randy Griffin	<i>Security Guard</i>
Dale Green	<i>Carpenter</i>
Larry E. Hampton	<i>Carpenter Lead Worker</i>
John W. Pair	<i>Carpenter</i>
Donald Johnson	<i>Painter</i>
Damon Sandifer	<i>Grounds Worker</i>
Charlie Randolph	<i>Maintenance Mechanic</i>
James T. Smith	<i>Maintenance Mechanic</i>
Henry Barger	<i>Utility Worker</i>
Terry Scheirn	<i>Bus Driver/Maintenance Utility Worker</i>
Pam Cook	<i>Custodian</i>
Tom Brewster, Jr.	<i>Custodian</i>
Virginia Fritts	<i>Custodial Lead Worker</i>
Betty Jones	<i>Custodian</i>
Lorene Hensley	<i>House Worker</i>
Kathy Howard	<i>Custodian</i>
Lucille Crudup	<i>Custodian</i>
Tara Stout	<i>Custodian</i>
Nora Ellen Williams	<i>Custodian</i>
Susan Tilley	<i>Custodian</i>
Ralph Brown	<i>Custodian</i>

James Barry *Custodian*
 Roy Wiley *Maintenance Utility Worker*

Placement

(865) 882-4695

Gail D. Russell *Placement Coordinator*
 B.S., West Virginia State College—Business Administration
 M.A., Virginia Polytechnic Institute and State University—Counseling/Student
 Personnel (1978)

Printing and Graphics

(865) 882-4569

Robert Ely *Director*

Purchasing

(865) 882-4587

Brenda J. Davis *Purchasing Clerk*
 Certified Professional Secretary (1996)
 Faye Gallagher *Purchasing Clerk*
 Fred Ooten *Shipping/Receiving Clerk*

Records and Registration

(865) 882-4526

Brenda Rector *Registrar/Director*
 B.S., Lincoln Memorial University—Business Administration
 M.Ed., Lincoln Memorial University—Counseling and Guidance (1992)
 Joyce K. Perry *Coordinator of Records*
 B.S., Knoxville College—Business Education
 M.S., Ed., Southern Illinois University—Occupational Education (1975)
 Shelia Eason *Technical Clerk*
 A.S., Roane State Community College—General Education (1990)
 Tammy Robinette *Technical Clerk*
 Margaret Brown *Technical Clerk*
 Donna Dutton *Technical Clerk*
 Secretarial Science Certificate, Roane State Community College (1996)
 Misty Magill *Technical Clerk*
 A.A.S., Roane State Community College—Business Management (2002)

Scott County Higher Education Center

(423) 663-3878

Tracy Powers *Director*
 B.S., Liberty University—History Education (1985)

- Rena Adkins *Technical Clerk*
 A.A.S., Roane State Community College—Office Administration (1996)
- Charlotte Shelton *Secretary*
- Ron Cook *Maintenance*
- Harry Watters *Security Guard*

Small Business Development Center

- Dan Collier *Senior Business Consultant*
 B.A., Vanderbilt University—Economics
 M.B.A., University of Chicago—Business Management (1970)

Student Activities and Organizations

(865) 882-4638

- Sammie R. Mowery *Coordinator*
 A.S., Roane State Community College—Secondary Education
 B.S., East Tennessee State University—Elementary Education
 M.S., University of Tennessee—Adult Education (1983)

Student Services and Multicultural Affairs

(865) 882-4550

- Beverly Bonner *Dean*
 B.S., Tennessee State University—Psychology
 M.A., Fisk University—Clinical Psychology (1973)
- Carol Jarabek *Administrative Secretary*
 A.S., Roane State Community College—Office Administration (1985)

Tech Prep

(865) 882-4626

- Sandra Cannon *Tech Prep Coordinator*
 B.A., Clark Atlanta University—English (1970)
- Malinda R. Yager *Technical Clerk*
 B.A., Tennessee Temple College—History (1978)

Telephone Services

“0”

- Regina Kendrick *Information Receptionist*

Tennessee Early Childhood Training Alliance

(865) 481-2034

- James Martin *Coordinator*
 A.S., Roane State Community College—General
 B.S., University of Tennessee—Elementary Education
 M.S., University of Tennessee—Curriculum and Instruction
 Ed.D., University of Tennessee—Curriculum and Instruction (1995)

Maryann Palmer *Orientation Specialist*
 B.S., State University of New York at Buffalo—Education
 M.S., State University of New York at Buffalo—Education (1970)

Heather Taylor *Technical Clerk*
 A.S., Roane State Community College—General (2002)

Testing Center

(865) 882-4661

Julia Musolf *Testing Coordinator*
 B.S., East Tennessee State University—American Studies

Mary Scandlyn *Testing Technician*
 B.A., University of South Carolina—Education (1969)

Chris Hartzog *Testing Technician*

ACADEMIC DIVISIONS

Business and Technology

(865) 882-4600

Russell B. Schubert *Dean*
 B.S., Tennessee Technological University—Agriculture
 M.Ed., Stephen F. Austin State University—Counseling (1974)

Cathy Martin *Secretary*
 Certified Professional Secretary
 A.A.S., Roane State Community College—General Technology (2002)

Health Science and Nursing

(865) 882-4594 (Health Science)

(865) 882-4605 (Nursing)

Sharon Tanner *Dean*
 B.S.N., University of Tennessee—Nursing
 M.S.N., University of Tennessee—Nursing
 Registered Nurse

Pamela Woody *Health Science Administrative Secretary*
 A.S., Roane State Community College—Secretarial Science (1982)
 Certified Professional Secretary

Michelle Crudup *Technical Clerk*
 A.A.S., Roane State Community College—Management and Supervision (1993)

Humanities

(865) 882-4567

Myra K. Peavyhouse *Dean*
 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—Developmental Education Specialist (2002)

Pamela May *Administrative Secretary*
A.A.S., Roane State Community College—General Technology (1998)

Diana Scarborough *Secretary*

Math/Sciences

(865) 882-4533

(865) 882-4591

Larry C. Bouldin *Interim Dean/Professor of Mathematics*
B.A., David Lipscomb College—Mathematics
M.S., Middle Tennessee State University—Mathematics
Ed.D., University of Tennessee—Curriculum and Instruction, Mathematics
Education (1982)

Kathleen B. Voiles *Administrative Secretary*
A.S., Roane State Community College—Office Administration (1993)
Certificate of Advancement—Microsoft Office Specialist (2002)

Mary Barr *Secretary III*

Soomi Lee Chung *Laboratory Coordinator*
B.S., Sung Kyun Kwan University—Chemistry
M.S., Louisiana State University—Food Science
Ph.D., Louisiana State University—Food Science

Alvin T. Willis, Jr. *Laboratory Technician*
B.S., University of Tennessee—Pre-Veterinary/Animal Science (1976)

Social and Behavioral Sciences

(865) 882-4582—Social Science

Christopher L. Whaley *Dean, Associate Professor/
Program Director of Paralegal Studies and Pre-Law*
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)

Tammy Guge *Administrative Secretary*
A.S., Roane State Community College—Office Administration
B.S., Tusculum College—Applied Organizational Management (1990)

Emeritus

Anne P. Minter *Faculty Emeritus*
B.S., Georgia College at Milledgeville—Chemistry
M.A., Duke University—Micro-biology
Ed.D., University of Tennessee—Science in Higher Education (1973–1988)

Irving T. Glover *Faculty Emeritus*
B.S., University of North Carolina—Science Education
M.Ed., University of North Carolina—Education
Ph.D., University of Virginia—Chemistry (1964)

- Mabre M. Holder *Faculty Emeritus*
 B.S., Middle Tennessee State University—Business (Marketing)
 M.B.A., Middle Tennessee State University—Business (Marketing) (1974)
- Benjamin S. Howard. *Faculty Emeritus*
 B.A., University of Tennessee—English
 M.A., University of Tennessee—German
 Ph.D., University of Georgia—Comparative Literature (1972)

**RECIPIENTS, FACULTY AWARD FOR TEACHING EXCELLENCE
 SARAH ELLEN BENROTH AWARD**

1981	Bruce Fisher	Math-Science
1982	David Mullins	Humanities
1983	Agnes NamKung	Business & Economics
1984	Bill Yates	Humanities
1985	Larry Works	Social Science
1986	Steve Wheeler	Social Science
1987	Susan Garner	Health, P.E., & Recreation
1988	Stephanie Morris	Math-Science
	Barbara Phillips	Academic Development
1989	Irving Glover	Math, Natural and Social Science
1990	Jim Knox	Humanities & Education
1991	Frank L. (Pete) Charton	Math, Natural and Social Science
1992	Bruce L. Borin	Humanities & Education
1993	James Kring	Math-Science
1994	Becky Howard	Math-Science
1995	Myrian Works	Nursing
1996	Lil Gomez del Campo	Social Science
1997	Pat Bailey	Math-Science
1998	Anne Powers	Humanities
1999	Gary Heidinger	Social Science
2000	Bob Thomas	Business and Social Science
2001	Becky Howard	Math-Science
2002	Cindy Claborn	Humanities

Faculty

NOTE: (date) indicates date of last degree

- ALFONSO JR., ROBERT. *Assistant Professor of English*
Director of ORBC Writing Center
 B.A., Kent State University—English
 M.A., East Tennessee State University—English (1992)
- ANDREACO, JANE *Instructor of Radiologic Technology*
 B.S., RT(R), University of Health Arts—Radiologic Technology
- ANDREWS, REBECCA L. *Associate Professor of Business*
 B.S., Tennessee Technological University—Accounting
 M.S., Oklahoma State University—Accounting (1967)
 C.P.A., State of Tennessee

- BACKSTROM, KURT A. *Associate Professor/Program Director
of Physical Therapy Assistant*
B.S., Indiana University of Pennsylvania—Health and Physical Education
M.S., University of Kentucky—Physical Education
B.S., Howard University—Physical Therapy (1979)
- BACKSTROM, SUZANNE M. *Associate Professor
PTA Program Coordinator of Clinical Education*
B.S., University of North Dakota—Physical Therapy (1978)
- BADGER, ROGER A. *Instructor of EMT/Paramedic*
A.S., Hocking Technical College—Emergency Medical Technology (1982)
Licensed Tennessee State Paramedic
- BAILEY, PATRICIA G. *Professor of Mathematics*
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)
- BALDWIN, ELAINE B. *Professor of Nursing*
B.S.N., University of South Carolina—Nursing
M.N., Emory University—Nursing (1964)
Ed.D., University of Tennessee (1993)
Registered Nurse
- BARNES, DELORISE C. *Professor of Business*
B.S., Livingstone College—Business Education
M.S., University of Tennessee—Business Education
Ed.D., University of Tennessee—Vocational-Technical Education (1978)
- BARRIGA, MARIA *Assistant Professor of Spanish*
B.A., Universida Catholica—Spanish
Ph.D., University of Tennessee—Spanish (1991)
- BARTH, ROBERT C. *Associate Professor of Philosophy/Mathematics*
B.S., Union University—Mathematics
M.S., University of Tennessee—Mathematics Education (1978)
- BASKIN, RICHARD L. *Director of the Learning Center
Assistant Professor of English*
B.A., University of North Texas—English
M.A., University of North Texas—English
Ph.D., University of Tennessee—English (2000)
- BELL, DAVID W. *Associate Professor of Mathematics*
B.S., North Carolina State—Math Education
M.A.T., Duke University—Math Education (1973)
- BODINE, MARK *Instructor of EMT-Paramedic*
A.A.S., Roane State Community College—General Technology
Licensed Tennessee State Paramedic
- BORIN, BRUCE L. *Associate Professor of Speech*
B.S., University of Nebraska—Education
M.A., East Tennessee State University—English and Speech (1975)

- BOULDIN, C. LARRY *Professor of Mathematics*
 B.A., David Lipscomb College—Mathematics
 M.S., Middle Tennessee State University—Mathematics
 Ed.D., University of Tennessee—Curriculum and Instruction, Mathematics
 Education (1982)
- BROWN, DARNETA *Associate Professor of Nursing*
 B.S.E., University of Tennessee—Education
 A.D.N., Tennessee State University—Nursing
 M.S.N., University of Tennessee—(1992)
 Registered Nurse
- BROWN, PATRICIA *Professor of Mathematics*
 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/Mathematics
 Education (1996)
- BURGISS, JANET B. *Associate Professor of Mathematics*
 B.A., Meredith College—Mathematics
 M.M., University of Tennessee—Mathematics (1992)
- BURNETT, HEATHER. *Associate Professor of English*
 B.A., University of Tennessee—English
 M.A., Western Kentucky University—English
 M.S., University of Tennessee—Curriculum and Instruction (1997)
- BYRD, RODNEY *Instructor of EMT-Paramedic*
 A.A.S., Roane State Community College—General Technology (1996)
 Licensed Tennessee State Paramedic
- BYRNE, JANET O. *Professor of Education*
 B.S., Tennessee Technological University—Home Economics Education
 M.S., University of Tennessee—Child and Family Studies
 Ed.D., Vanderbilt University—Higher Education Administration (1989)
- BYRNE, THOMAS E. *Professor of Biology*
 B.S., Tennessee Technological University—Biology
 M.S., Tennessee Technological University—Biology
 M.S., University of Tennessee—Nuclear Engineering
 Ph.D., University of Tennessee—Botany, Microbiology (1984)
 Certified National Registry of Microbiologists
- CANTRELL, BRUCE *Assistant Professor of Biology*
 A.S., Roane State Community College—General
 B.S., Tennessee Technological University—Biology
 M.S., The American University—Biology (1985)
- CHITWOOD, DORIS *Associate Professor of Mathematics*
 B.S., Cumberland College—Mathematics
 M.A., Cumberland College—Secondary Education
 Ed.S., Tennessee Technological University—Administration and Supervision (1987)
- 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)

- CLABORN, CYNTHIA *Assistant Professor of Music*
M.A., University of Tennessee—Vocal Performance
- CONDON, JAMES B. *Professor of Chemistry*
A.B., State University of New York at Binghamton
Ph.D., Iowa State University (1968)
- CORDELL, SHARON *Associate Professor of Education*
B.S., Cumberland College—Education/English
M.S., Tennessee Technological University—Education/Reading (1974)
- CROTTY, PATRICIA *Assistant Professor of Nursing*
BSN, University of Tennessee—Nursing
MSN, East Tennessee State University—Nursing
Registered Nurse
- CROWE, MARGARET W. *Associate Professor of Nursing*
Riverside Hospital School of Nursing
B.S., University of Tennessee—Education
M.S., University of Tennessee—Child and Family Studies
M.S.N., University of Tennessee (1986)
Registered Nurse
- CURRAN, MICHAEL *Professor/Program Director Dental Hygiene*
D.D.S., University of Nebraska (1972)
- CURRIE II, W. CURTIS *Assistant Professor of English*
B.A., Pfeiffer College—English Literature, English Writing Studies
M.A., University of Tennessee—English
Ph.D., University of Tennessee—English Literature (1991)
- DELCUL, AMALIA *Assistant Professor of Spanish*
M.A., University of Tennessee—Spanish
- DENISON, BETTY N. *Associate Professor of Mathematics*
B.A., Meredith College—Mathematics
M.R.E., Southwestern Baptist Theological Seminary—Religious Education (1972)
- 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 *Assistant Professor of Business*
Department Chair of Business
A.S., Pearl River Junior College—Business
B.S., University of Southern Mississippi—Business Education
M.A., University of Southern Mississippi—Business Education (1989)
- EASTRIDGE, DARRELL M. *Associate Professor*
Respiratory Therapy Clinical Director
A.S., Cleveland State Community College
Certified Respiratory Therapy Technician
Registered Respiratory Therapist
B.A., Ottawa University—Health Care and Education
M.A.T., Carson Newman College
Ed.S., Lincoln Memorial University—Curriculum Instruction (1994)

- EDWARDS, LINDA M. *Associate Professor of Biology*
 B.S., University of Tennessee—Botany
 M.S., University of Tennessee—Botany (1967)
- FELTNER, KAREN *Instructor of Health Information Technology*
 A.A.S., Roane State Community College—Medical Records (1983)
 RHIT, Registered Health Information Technologist
 CCS, Certified Coding Specialist
- FISHER, BRUCE *Professor of Biology*
 B.S., Lincoln Memorial University—Biology
 M.S., University of Tennessee—Zoology
 Ph.D., University of Tennessee—Zoology (1974)
- FOLTZ-GRAY, DANIEL A. *Associate Professor of English*
 B.A., University of Pennsylvania—English Literature
 M.A., University of Chicago—English (1974)
- FREEMAN, FAYE *Associate Professor of Nursing*
 A.S., East Tennessee State University—Nursing
 B.S., East Tennessee State University—Health Education
 B.S.N., East Tennessee State University
 M.S.N., University of Tennessee (1990)
 Registered Nurse
- GARNER, SUSAN A. *Associate Professor of Physical Education*
 B.S., Middle Tennessee State University—Health, Physical Education, Recreation
 M.Ed., Middle Tennessee State University—Health, Physical Education,
 Recreation (1974)
- GLENN, BETTY *Associate Professor of Business and Computer Science*
 A.A.S., Roane State Community College
 B.A., University of Tennessee
 M.B.A., Tennessee Technological University (1989)
- GOGGIN, MICHAEL T. *Associate Professor/Program Director for Opticianry*
 B.A., State University of New York at Buffalo—Anthropology
 A.A.S., Erie Community College—Ophthalmic Dispensing (1978)
- GOLEBIEWSKI, MICHAEL *Assistant Professor of Speech/Theatre*
 B.S., Troy State University—Speech and Theater
 M.F.A., University of Tennessee—Acting (Performance) (1995)
- GOMEZ DEL CAMPO, LIL *Associate Professor of History*
 B.A., University of Mexico—History, Mathematics
 M.A., University of Mexico—History, Art History (1969)
- GOWAN, JOYE E. *Associate Professor of Mathematics*
 B.S., Oklahoma Baptist University—Mathematics
 M.Ed., Central State University—Secondary Education/Mathematics (1984)
- GREENLEE, GEOL A. *Assistant Professor of Music*
 B.A., University of Wisconsin—Music
 M.M., University of Tennessee—Music
 D.M.A., University of Cincinnati—College Conservatory of Music—
 Composition (1997)
- HARBIN, JANET L. *Assistant Professor of Nursing*
 B.S., University of Tennessee—Human Ecology
 M.S.N., University of Tennessee—Nursing (1994)

Personnel

- HARJALA, DAVID E. *Associate Professor of Mathematics*
 B.S., Northern Michigan University—Physics
 M.A., Northern Michigan University—Mathematics Education (1980)
- HEIDINGER, GARY L. *Associate Professor of Sociology*
 B.S., Bethel College—History
 M.A., George Peabody College—History (1965)
- HENSLEY, VICKIE *Associate Professor/Clinical Coordinator
 for Radiologic Technology*
 A.S., Roane State Community College—Radiologic Technology
 B.S., College of St. Francis—Health Arts (1992)
- HILL, LESHA *Associate Professor/
 Program Director Respiratory Therapy*
 A.S., Roane State Community College—Respiratory Therapy
 B.S., Tusculum College—Applied Organizational Management (1991)
 Registered Respiratory Therapist
- HILLIARD, PEGGY. *Assistant Professor of English*
 B.A., Furman University—English Literature
 M.A., University of Tennessee—English Literature
 Ph.D., University of Tennessee—English Literature (1989)
- HOAGLAND, JUDY K. *Associate Professor of Economics*
 B.S., Middle Tennessee State University—Political Science
 M.A., University of Tennessee—Political Science (1973)
- HOAGLAND, WILLIAM M. *Associate Professor of Political Science
 and History*
 B.S., Lambuth College—History
 M.S.S., University of Mississippi—History (1966)
- HYDER, DAN *Associate Professor/Program Director
 Environmental Health Technology*
 B.S., East Tennessee State University—Environmental Health
 M.E.S., University of Oklahoma—Environmental Science (1980)
- JENKINS, ANTHONY *Professor of Biology*
 B.S., University of Tennessee—Animal Husbandry
 D.V.M., Auburn University (1968)
- JONES, JOHNNY *Women's Basketball Coach
 Associate Professor of Physical Education*
 A.A., Martin College
 B.S., Middle Tennessee State University—Physical Education
 M.S.S., United States Sports Academy—Fitness Management
- JONES, MICHELLE *Associate Professor/Clinical Coordinator
 Dental Hygiene*
 B.S., East Tennessee State University—Community Health (1978)
 Registered Dental Hygienist
- JORDAN-HENLEY, JENNIFER *Associate Professor of English*
 B.S., Middle Tennessee State University—English
 M.A., Middle Tennessee State University—English Literature (1988)

- KEEFE, PAULA *Instructor/Program Director of Somatic Therapy*
 M.A., University of Northern Iowa—Home Economics Education
 Carlson College of Massage Therapy (1991)
 Licensed Massage Therapist
- KING, ADOLF A. *Interim Vice President of Academic Affairs*
Professor of Chemistry
 B.S., City of Leicester Polytechnic—Applied Chemistry
 M.S., Imperial College of Science and Technology, London University—
 Analytical Chemistry
 D.I.C., Imperial College of Science and Technology, London University—
 Analytical Chemistry
 Ph.D., Imperial College of Science and Technology, London University—
 Analytical Chemistry (1976)
- KNOX, JAMES M. *Associate Professor of English*
 B.S., Tennessee Technological University—Secondary Education, French
 M.A., Tennessee Technological University—English (1978)
- LANZA, DONALD L. *Associate Professor of History*
 B.A., University of Tennessee at Chattanooga-History
 M.A., University of Tennessee-History
 Ph.D., University of Tennessee-History (1991)
- LEE, ARTHUR C. *Assistant Professor of Geology*
 B.S., Penn State University—Geosciences
 M.A., Temple University—Geology
 Ph.D., University of Southern California—Geology (1993)
- LeMAY, CHARLENE L. *Associate Professor of Nursing*
 B.S.N., Vanderbilt University—Nursing
 M.S.N., University of Tennessee (1986)
 Registered Nurse
- LICATA, SALVATRICE D. *Instructor of Opticianry*
 A.A.S., Mater Dei College—Ophthalmic Dispensing (1991)
 A.O.S., Albany Business College—Accounting and Business Administration
 Licensed Optician
- MALVEAUX, KENNETH R. *Associate Professor of English*
 B.A., University of Southwestern Louisiana—English
 M.S., Tennessee State University/Vanderbilt University—Management of Social
 Service Programs (1976)
- MANNING, WANDA *Professor of Reading and Education*
 A.S., Roane State Community College
 B.S., Tennessee Technological University—Education
 M.A., Tennessee Technological University—Secondary Education (1982)
 Ed.D., University of Tennessee
- MARSH, LINDA *Program Director, Medical Transcription*
 A.S., Steed College—Medical Secretarial Science (1974)
 RHIT, Registered Health Information Technician

- MEGHABGHAB, GEORGE . . . *Associate Professor of Computer Science Technology*
 B.S., Institut Superior 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 I. *Associate Professor of Mathematics*
 B.S., Louisiana State University—Mathematics Education
 M.M., University of Tennessee—Mathematics (1990)
- MILLER, DONALD E. *Professor of Anthropology and Sociology*
 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)
- MONDAY, MARILYN L. *Associate Professor of English*
 B.S., University of Tennessee—English
 M.A., University of Tennessee—English (1984)
- MURPHY, TRESSA *Assistant Professor of Mathematics*
 B.S., University of Tennessee—Math
 M.M., University of Tennessee—Math
 Ed.S., Lincoln Memorial University—Education (1997)
- MURRAY, WILLIAM P. *Associate Professor of Physics/Engineering Technology*
 B.S., University of Cincinnati—Chemical Engineering
 M.S., University of Tennessee—Chemical Engineering (1970)
- NEELY, JANET *Instructor of Occupational Therapy Assistant*
 Nashville State Technical Institute—Certified Occupational Therapy Assistant (1982)
 A.A.S., Roane State Community College—Occupational Therapy Assistant (1995)
- NESBIT, RANDY *Associate Professor of Business*
Men's Basketball Coach/Athletic Director
 B.S., The Citadel—Business Administration
 M.B.A., The Citadel (1986)
- ORR, KAREN S. *Associate Professor of Mathematics*
 B.S., University of Tennessee—Secondary Science Education
 M.M., University of Tennessee—Mathematics (1991)
- PALATINUS, DEBORAH T. *Associate Professor of Biology*
 B.S., University of Tennessee—Zoology
 M.S., University of Tennessee—Zoology (1971)
- PAYNTER, AMY J. *Assistant Professor of Computer Science*
 B.S., Carnegie Mellon University—Operations Research
 M.S., Webster University—Computer Resources & Information Management (1997)

- PEAVYHOUSE, MYRA K. *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—Developmental Education Specialist (2002)
- PLUMLEE, DONNA W. *Instructor/Program Director Polysomnography*
 Registered Polysomnographic Technologist (1986)
 Registered Electroencephalographic Technologist (1992)
 A.A.S., Draughons Junior College—Business
- POULIN, GERALD D. *Associate Professor of English*
 B.A., Middle Tennessee State University—French and English
 M.A.C.T., Middle Tennessee State University—English (1971)
- PUCKETT, DAVID *Professor of Business/Economics*
 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)
- RAINES, B. DIANE *Associate Professor of English*
 B.S., University of Tennessee—English Education
 M.A., Tennessee Technological University—English (1995)
- 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, CAROLYN *Assistant Professor of Biology*
 B.S., Stillman College—Biology
 M.S., Mississippi State University—Biological Sciences (1999)
- ROBERSON, VALERIA *Assistant Professor of Speech*
 B.A., Berea College—History
 M.A., University of Tennessee—Theatre (1991)
- ROBERTSON, ANDREA *Assistant Professor of Nursing*
 B.S., University of Tennessee—Communications
 M.S.N., University of Tennessee—Nursing (1999)
- ROBINSON, JEAN R. *Instructor/Interim Program Director
 Radiologic Technology*
 B.A., Immaculate Heart College—English
 Registered Technologist (Radiology)—BHET School of Radiologic Technology
- RUDOLPH, JOHNNIE J. *Associate Professor of Math/Science*
 A.S., Cleveland State—Design and Drafting
 B.A., University of Tennessee—Architecture (1976)
- RUPLE, SAMUEL L. *Assistant Professor of Computer Science*
 B.S., University of Alabama—Math
 M.S., Georgia Institute of Technology—Computer Science

- SAFDIE, ROBERT *Associate Professor of Psychology/Business*
 B.A., University of Tennessee—Psychology
 M.A., Middle Tennessee State University—General Clinical Psychology (1976)
- SAIN, SUSAN J. *Assistant Professor/Program Director*
Occupational Therapy Assistant
 B.S., University of Wisconsin—Occupational Therapy
 M.S., University of Tennessee—Health Education/Promotion (1994)
- SCHUBERT, RUSSELL B. *Associate Professor of Environmental Sciences*
 B.S., Tennessee Technological University—Agriculture
 M.Ed., Stephen F. Austin State University—Counseling (1974)
- SEATON, MARY SUZIN *Associate Professor of English*
 B.S., Middle Tennessee State University—English
 M.A., Middle Tennessee State University—English (1977)
- SELLIN, HELEN G. *Associate Professor of Chemistry*
 B.S., University of Chicago—Biochemistry
 Ph.D., University of Chicago—Biochemistry (1964)
- SEXTON, JEFF *Associate Professor of Mathematics*
 B.S., Tennessee Technological University—Business Administration
 M.A., Tennessee Technological University—Educational Administration and
 Supervision (1991)
- SIERGIEJ, PAMELA *Associate Professor of Biology*
 B.A., Seton Hill College—Biology
 Ph.D., University of Tennessee—Biomedical Sciences (1994)
- SMITH, BILLY L. *Associate Professor of Mathematics*
 B.A., Union College—Chemistry
 M.M., University of Tennessee—Mathematics (1974)
- SMITH, CHARLES E. *Professor of Mathematics*
Director of Academic Development
 B.S., Middle Tennessee State University—Mathematics
 M.M., University of Tennessee—Mathematics
 Ed.D., University of Tennessee, Knoxville—Educational Administration (1981)
- SMITH, MARIA A. *Associate Professor/Program Director*
EMT-Paramedic
 B.S.N., University of Detroit (1970)
 C.E.N., Certified Emergency Nurse
 Licensed Tennessee State Paramedic
- SPITZER, PRISCILLA W. *Associate Professor/Program Director of Nursing*
 B.S.N., Emory University—Nursing
 M.N., Emory University—Adult Health Nursing (1977)
 Registered Nurse
- STEELE, SHELIA O. *Assistant Professor of Nursing*
 B.S.N., University of Tennessee—Nursing
 M.S.N., University of Tennessee—Nursing (1995)
 Registered Nurse

- STEPHENS, KENNETH W. *Associate Professor of Computer Science*
 B.S., Middle Tennessee State University—Management
 M.B.A., Middle Tennessee State University—Management (1974)
- TANNER, SHARON *Dean of Health Sciences & Nursing*
Associate Professor of Nursing
 B.S.N., University of Tennessee—Knoxville
 M.S.N., University of Tennessee—Knoxville (1985)
 Registered Nurse
- TEETER, W. SCOTT *Associate Professor of Criminal Justice*
 B.S., Eastern Kentucky University—Law Enforcement
 M.S., Eastern Kentucky University—Criminal Justice Education (1976)
- THAIS, DAVID F. *Associate Professor of Business*
 B.S., Indiana State University—Management
 M.B.A., Indiana State University—Business Administration (1974)
 C.P.A., State of Tennessee
- THOMAS, JOHN K. *Associate Professor of History*
 B.S., Austin Peay State University—History
 M.A., Austin Peay State University—History
 Ph.D., University of Tennessee—History (1990)
- THOMASON, SARAH K. *Associate Professor of English*
 B.S., University of Tennessee—Education
 M.S., University of Tennessee—English Education (1974)
- TRENTHAM, JEAN *Associate Professor of Business*
 A.A., Hiwassee Junior College—Business Administration
 B.S., East Tennessee State University—Business Education
 M.A., East Tennessee State University—Business Education (1980)
 C.P.S., 1977
- TUCKER, JENNIFER D. *Associate Professor of EMT-Paramedic Program*
 B.S.N., University of Tennessee—Nursing
 M.S., University of Tennessee—Exercise Physiology (1987)
- WADDLE, JOETTE. *Associate Professor of English*
 B.A., Tennessee Technological University—English
 B.S., Tennessee Technological University—Secondary Education
 M.A., University of Tennessee—English (1985)
- WARD, ALLEN S. *Interim Director, Center for Teaching Arts & Technology*
Associate Professor of Chemistry
 B.A., West Virginia University—Chemistry
 M.S., West Virginia University—Chemistry (1985)
- WEST, WILLIAM *Assistant Professor of Nursing*
 A.S., Walters State Community College—Nursing
 B.A., University of Tennessee—Psychology
 M.S., University of Tennessee—Nursing (1998)
 Registered Nurse

- WHALEY, CHRISTOPHER L. *Dean, Social & Behavioral Sciences*
Associate Professor/Program Director of Paralegal Studies and Pre-Law
 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)
- WHITING, VALERIE *Assistant Professor of Occupational Therapy Assistant*
 B.S., Indiana University—Occupational Therapy
 M.S., Eastern Washington—Applied Psychology (1987)
- WILKERSON, BRYAN S. *Assistant Professor of Art*
 B.F.A., University of Tennessee—Ceramics
 M.F.A., Ohio State University—Ceramics (1999)
- 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)
- WORKS, LARRY P. *Associate Professor of Psychology*
Baseball Coach
 B.S., East Tennessee State University—Health and Physical Education
 M.S., University of Montana—Health, Physical Education and Psychology (1968)
- WORKS, MYRIAN *Associate Professor of Nursing*
 B.S., University of Tennessee—Nursing
 M.S.N., University of Tennessee—Nursing (1979)
 Registered Nurse
- WURTH, PATSY *Instructor of Geographic Information Systems*
 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—Nursing
 M.S.N., University of Tennessee—Nursing (1982)
 Registered Nurse
- YOUNG, MARTIN *Instructor of EMT-Paramedic*
 B.A., Mississippi State University—Communications
 Licensed Tennessee State Paramedic

ADJUNCT FACULTY

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

- ANDERSON, ROBERT *History*
 M.A., Mississippi State University—History (1961)
- ATKISSON, LOVELLE *Art*
 Ed.D., George Peabody—Art (1976)
- AUSMUS, JUANITA *Computer Science*
 B.B.A., Lincoln Memorial University (1991)

- BAILEY-FOX, LILLIAN *Health and Physical Education*
M.A., University of Central Florida—Health and Physical Education (1983)
- BERG, WILLIAM T. *Chemistry*
Ph.D., Western Reserve University—Chemistry (1955)
- BREWSTER, MARY ANN *Writing*
M.A., Cumberland College—English (1985)
- BROOKE, WILLIAM A. *Math/Physics*
M.S., Indiana University—Secondary Education (1971)
- BUCK, RON *History*
M.Div., Memphis Theological Seminary
- BUCK, VELMA *Math*
M.A., Vanderbilt University—Mathematics (1968)
- BUTTURINI, RICHARD S. *Computer Science*
M.S., University of Tennessee—Management Science (1982)
- BYRD, MARY ELIZABETH *Math*
M.A., Union College—Secondary Education (1982)
- CAPPS, SANDY *English*
Ph.D., University of Tennessee—English Literature (1996)
- CARICO, ANGELA *English*
M.S., University of Tennessee—Curriculum & Instruction (1994)
- CHARTON, FRANK L. *Physical Science*
Ph.D., Michigan State University—Geography (1972)
- CHRISTEN, SCOTT *Speech*
M.A., Eastern Illinois University—Speech Communication (1998)
- COX, BRYAN *EMT-Paramedic*
B.A., Cooper Institute—Business Management (1976)
Licensed Tennessee State Paramedic
- CRAIG, LYLE *Mathematics*
Ph.D., University of Tennessee—Mathematics (1996)
- DAVIS, J.C. *History*
Ed.S., Tennessee Technological University—History (1982)
- DEITRICK, DAVID *Art*
M.A., University of Tennessee—Art (1993)
- DERBY, ROGER *Physics/Chemistry*
D.S.C., Colorado School of Mines—Metallurgical Engineering (1968)
- DESJEAN, TOM *Sociology*
M.A., University of Florida—Anthropology (1986)
- DOUGHTY, FLOYD *Criminal Justice*
M.A., Tennessee Technological University—Education (1982)
- DUNAWAY, LOURDES *Music*
M.A., Tennessee Technological University—Elementary Education (1988)

Personnel

- DUNIGAN, JAMES *Economics*
Ph.D., University of Tennessee—Geography (1969)
- DUNIGAN, FLORINDA *Spanish*
M.A., Tennessee Technological University—Special Education (1977)
- ELEAZER, ALAN *Music*
M.A., University of Tennessee—Music (1994)
- EVANS, KENNETH *Mathematics*
M.A., Tennessee Technological University—Curriculum and Instruction/Math
(1994)
- FARMER, William M. (Mike) *Accounting*
M.B.A., University of Tennessee (1976)
- FIELDS, DAVID E. *Astronomy*
Ph.D., University of Wisconsin—Solid State Physics (1972)
- FOLTZ, RICHARD *Business*
M.B.A., University of Dallas—Business (1979)
- FOSTER, TIM *English*
M.A., East Tennessee State University—English (1985)
- FRAGOPOULOS, PEGGY *English*
M.A., Tennessee Technological University—English (1982)
- GORE, J. R. *EMT Paramedic*
Licensed Tennessee State Paramedic
- GOSLEE, BRENDA. *Music*
M.A., University of Tennessee—Organ Performance (1988)
- GRAY, SUE M. *Health Information Technology*
B.A., Stephens College—Health Information Management
R.R.A., Registered Record Administrator
- HAMBY, STEVE *EMT-Paramedic*
Licensed Tennessee State Paramedic
- HANDLEY, MICHELLE *English*
M.A., Texas Tech University—English (1970)
- HEIDRICH, PUINOR (Doris) *Nutrition*
M.S., University of Tennessee—Home Economics (1982)
- HERD, VALERIE. *Sociology*
M.S., University of Tennessee (1995)
- HOWARD, BENJAMIN S. *English/German*
Ph.D., University of Georgia—Comparative Literature (1972)
- HOWARD, REBECCA M. *Mathematics*
M.A.M., North Carolina State—Mathematics (1968)
- HUDGINS, CAROL *Art*
M.F.A., University of Tennessee—Art (1987)
- HUMPHREY, DENNIS *Police Science*
J.D., Nashville School of Law—Law (1981)

- HYLTON, JAMES O. *Physics*
M.S., University of Tennessee—Engineering (1972)
- IHDE, WILLIAM M. *Physics*
M.S., Massachusetts Institute of Technology—Electrical Engineering (1948)
- JEFFERS, JACK R. *Computer Science*
B.S., Tennessee Technological University—Mathematics (1966)
- JEFFERS, JODI *Math*
M.M., University of Tennessee—Mathematics (1990)
- KEETO, LINDA *Study Skills*
M.A., Tennessee Tech University—Reading (1973)
- KINNEY, CHUCK *EMT-Paramedic*
A.S., Roane State Community College—EMT – Paramedic
- KINNUNEN, FRAN *Speech*
M.A., University of Miami—Drama (1967)
- KOPP, DELORES *Speech*
M.A., University of Tennessee—Speech & Theatre (1979)
- KRIES, CARL E. *Physical Education*
M.A., Union College—Education (1983)
- KRING, JAMES B. *Associate Professor of Biology*
M.S., University of Tennessee—Botany (1965)
- LANDRETH, CAROLYN E. *Physical Education*
Ph.D., Middle Tennessee State University—Physical Education (1980)
- LAY, AMON. *Education/Psychology*
M.A., Tennessee Technological University—Education (1970)
- MANNING, COLETTA. *Health Information Technology*
M.S., College of St. Francis—Health Information Technology
- MARAS, LORENE *Reading/Writing*
Ed.D., University of Kentucky—Spanish (1974)
- MASON, ANTHONY P. *Business*
B.S., East Tennessee State University—Business Management/Economics (1965)
- MEAD, BARBARA *Reading/Study Skills*
B.S., Wisconsin State University—English (1954)
- MERRIWEATHER, ROOSEVELT *Chemistry*
B.S., Stillman College—Chemistry (1978)
- MILLER, GREG *Law/Political Science*
J.D., University of Tennessee Law School—Law (1982)
- MIODUSKI, JERRY E. *Mathematics*
M.S., University of Tennessee—Management Science (1999)
- MONDAY, RALPH *English*
M.A., University of Tennessee—British and American Literature (1985)
- MORGAN, FRANCES *Spanish*
Ph.D., University of Kentucky—Spanish (1968)

Personnel

- MORTON, ROBERT *Physical Education*
M.S., University of Tennessee—Education Administration (1973)
- NAGDEMAN, JUDITH *English*
M.A., George Peabody—English (1964)
- NAGGE, HAROLD *Music*
M.A., University of Tennessee—Music (1994)
- NEWMAN, JACQUELYN *EMT-Paramedic*
M.S., University of Tennessee (1997)
Licensed Tennessee State EMT
Registered Nurse
- NOWLIN, ANNE *Psychology*
M.S., University of Tennessee—Educational Psychology (1980)
- NUGENT, BARBARA *Writing*
M.A., Cambridge Institute of Education—England (1954)
- NUGENT, GERALD B. *Mathematics*
B.S., London University (England)—Civil Engineering (1950)
- PEARMAN, JOEL E. *Business Law*
J.D., University of Tennessee—Law (1973)
- PETREE, DELLA *Reading/Writing*
M.A., Tusculum College—Education (1995)
- PHILLIPS, BARBARA *Mathematics*
M.S., St. Bonaventure University—Mathematics Education (1973)
- PHILLIPS, PAUL *Criminal Justice*
J.D., Vanderbilt—Law (1975)
- POWERS, ANNE S. *Art/Computer Art*
M.F.A., University of Tennessee—Graphic Design (Computer Enhanced Design) (1995)
- PRICE, BOB *Accounting*
M.B.A., University of Las Vegas (1978)
- SAIDAK, LANCE R. *Physical Education*
Ed.D., University of Tennessee—Physical Education
- SCARBROUGH, VERA *English*
M.A., Middlebury College—English (1987)
- SCOTT, LINDA *Writing*
M.A., Tennessee Technological University—Reading (1980)
- SHAFFER, ANNELL S. *Biology*
M.A.T. Vanderbilt University (1980)
- SHLOUSH, MARCIA *Nursing*
M.S., University of Tennessee—Child and Family Services (1986)
- STAPLETON, FRANCES *Reading*
M.A., Eastern Michigan University—Reading (1983)

- STRUNK, JOHN *Spanish*
M.A., Union College—Spanish (1985)
- TATUM-PRESTON, KRISTEN *Sociology*
M.S., Middle Tennessee State University—Criminal Justice (1991)
- TEAGUE, CATHERINE *Reading/Writing*
M.S., University of Tennessee—English Education (1978)
- THOMAS, BOB F. *Business*
D.B.A., University of Tennessee—Management (1984)
- THOMPSON, PATRICIA *English*
M.A., Middle Tennessee State University (1971)
- TIMMERMAN, DEANNA *Psychology*
Ph.D., University of Tennessee—Psychology (1999)
- UPSHAW, GEORGIANA *Reading/Writing*
M.S., Tennessee Technological University—Education (1980)
- WILLIAMS, HILDA *Reading/Writing*
B.A., Wake Forest University—English (1953)
- WILLIS, REBECCA *Health Information Technology*
A.S., Medical Record Technology
- YAGER, KENNETH *History*
J.D., Memphis State University—Law (1977)

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Kingston, TN | Harvey Sproul (Parliamentarian)
Attorney
Lenoir City, TN |
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Director, Financial Aid—RSCC
Harriman, TN | |

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Carol Dockham	ORNL Federal Credit Union
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Teresa Graham	Colinx
Thom Hassler	Cumberland County Commissioner
Vanessa Herren	Progressive Savings Bank
Kathy Knight	Loudon County Economic Dev.
Jay Willoughby	Jacksboro Court House
Charles Sexton	Scott County Hospital
Bob Price	U.S. Department of Energy

CAMPBELL COUNTY

Ken Owens	Campbell County High School
Rhonda Longmire	First Volunteer Bank
Rob Woodson	RLW, Inc.
Deloris Bartley	Cross Funeral Home
Shane Sexton	Criminal Court Judge
Ken Malveaux	Roane State Faculty
Benny Hodges	Jellico High School
Sharon Baird	Roane State Staff
Vanessa Overton	Roane State Staff
Cindy Gardipe	Roane State Director

COMPUTER SCIENCE TECHNOLOGY

Allan Phillips	First National Bank
Gail Corbet	Battelle Memorial Institute
Doris Thompson	Baptist Hospital of Roane County
Dr. Pedro Otaduy	Lockheed Martin Energy Systems
Becky Heatherly	Tennessee Technological University
Ben Bartine	PC Engineering, Inc.
Melinda Handley	Technical Staffing, Inc.
Crystal Sloan	Self-Employed
Jeff Chandler	Cobble Technical Staffing

CRIMINAL JUSTICE

Thomas Austin	General Sessions Judge
Scott Ball	Lieutenant, Oak Ridge Police Department
Tony Crisp	Chief Deputy, Blount County Sheriff Dept.
Dennis Humphreys	General Sessions Judge
James W. Cisson	Chief, Rockwood Police Department
David Haggard	Sheriff, Roane County
Floyd Doughty	Supervisor I, Tennessee Board of Paroles
Charles Laxton	Sergeant, Tennessee Highway Patrol
Dennis Daniels	Tennessee Bureau of Investigation
Bill Garner	Maryville Police Dept.
Lori Heidle	Roane County Youth Service Officer
Cynthia A. Gass	Lieutenant, Knoxville Police Department

CUMBERLAND COUNTY

Ed Anderson
 Carol Darling
 Brock Hill
 Thomas E. Looney
 William Mayberry
 Guy & Claudine Pinckley
 Bill & Jo Profitt
 Randall Travena

Cumberland Medical Center
 State Board of Education
 County Executive
 Looney and Looney
 Mayberry Furnishings
 Retired, Fentress County
 Retired, Fairfield Glade
 Union Planters Bank

DENTAL HYGIENE TECHNOLOGY

Daniel Anderson, D.D.S.
 Delorise Barnes, Ed.D.

J. D. Johnson, D.D.S.
 J. Glenn Greer, D.D.S.
 William Phillippi, D.D.S.
 Doris Williams, R.D.H.
 Mary Lou Campbell R.D.H.
 Barry Wohl, D.D.S.
 Reecia Lovett, R.D.H.
 Lisa Senesac, R.D.H.

UT Department of Dentistry
 Business and Economics
 Roane State Community College
 Dentist, Oak Ridge
 Dentist, Oak Ridge
 Dentist, Kingston
 Hygienist, Knoxville
 Interfaith
 Oak Ridge Periodontist
 Knoxville Hygienist
 Hygienist, Knoxville

EMT-PARAMEDIC

Dr. Chris Brooks
 Maria Smith
 Dr. Wade McCamey
 Jenny Tucker
 Adolf King
 Dr. Randall Dabbs
 Dr. Jim Henry, Jr.
 Larry Hutsell

Dr. Merrill Moore
 Dr. Patrick O'Brien
 Dr. Al Romans
 Dr. Lee Toney
 Robb Webb, EMT-P
 Robert Byrd, EMT-P
 Kurt Weiger

University of Tennessee Hospital, Lifestar
 Roane State Community College
 Roane State Community College
 Roane State Community College
 Roane State Community College
 Team Health
 Methodist Medical Center
 Tennessee Dept. of Health & Environment,
 EMS Division
 East Tennessee Baptist Hospital
 Ft. Sanders Regional Medical Center
 Blount Memorial Hospital
 Family Practice
 Rural/Metro Corp., Blount County
 Anderson County EMS
 Rural Metro/Knox County

ENVIRONMENTAL HEALTH TECHNOLOGY

Chad Becker
 Vernon Currier
 Brad Parish
 James Rochelle
 Steve Sugarman
 Rudy Weigel

Allied Technology Group
 Afftrex
 CROET
 AKZO/Fortafil Fibers
 REACTS
 Pacific Western Technology

HEALTH INFORMATION TECHNOLOGY

Alice A. Moore
 June Laing
 Tina Fickey

Roane State Community College
 Cap Gemini Consultants
 East Tennessee Baptist Hospital

Kay Miles
 Karen Breazeale
 Teresa Seeber
 Carmen Haun
 Dawn Carpenter
 Susan Hand
 Karen Feltner

St. Mary's Medical Center
 Baptist Health System
 Alcoa Billing Center
 Thompson Cancer Survival Center
 Sweetwater Hospital
 Methodist Medical Center
 Roane State Community College

MEDICAL TRANSCRIPTIONIST

Debra Bridges
 Janice Anderson
 Wynell Paige
 Vicki Terri
 Cindy Kyte
 Tanya Fowler
 Cathy Wallace
 Karen Mansel

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 UT Medical Center
 Fort Sanders Regional Medical Center
 Blount Memorial Hospital
 Transcription Services of Knoxville
 Methodist Medical Center of Oak Ridge
 Emory Valley Transcription Service
 Emory Valley Transcription Service

NURSING

Becky Davis
 Diane Jones
 Janice Brock
 Jane Gerard
 Joan Aiken
 Carolyn Aguilar
 Sandy Chumley
 Beckie Thomas
 Jon Wilton
 Marian Morgan
 Ellen Kelly
 Fran Puckett
 Megan Boring
 Risa Schwartz
 Lisa Grimes

Comprehensive Community Care
 Cumberland Medical Center
 Methodist Medical Center
 Oak Ridge Health Care Facility
 Ridgeview Psychiatric Hospital
 University of Tennessee Medical Center
 Covenant Health Systems
 East Tennessee Children's Hospital
 Knoxville, TN
 Lakeshore Mental Health Institute
 Rockwood Health Care
 Roane Medical Center
 University of Tennessee Medical Center
 Peninsula Hospital
 Fort Sanders Parkwest Medical Center

OCCUPATIONAL THERAPY ASSISTANT

Jane Kittrell
 Robin Stone
 Rasalie Nagler
 Karen Meiring
 Larry Pennington
 Buffy Cox
 Pam Burbank
 John Judy
 Becky Purkey
 Julie Dallas
 Tammy Sexton

Kids Kabin
 Lakeshore Mental Health Institute
 Oak Ridge City Schools
 National Health Corporation
 Synergistics
 Fort Sanders Parkwest Medical Center
 Contract Therapist
 Priority Health Services
 St. Mary's Rehab Care
 U.T. Hospital
 Independent Contractor

OFFICE ADMINISTRATION INFORMATION TECHNOLOGY

Linda Brown
 Penny Sissom
 Kathy Ferguson

State Area Vocational Technical School
 City of Oak Ridge
 McNeese, Nolton, Hayes

Advisory Boards

Susan Moody
 Linda Ousley
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 M. Rachel Harris
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 Department of Energy
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 Oak Ridge Associated Universities
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 Roane State Community College
 Roane State Community College

OPTICIANRY

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 Stacy Burton
 Chris Bettis, LDO
 Bobby Luttrell, Jr.
 Jeff Morgan
 Michael Cho, O.D.
 Phil Hughes
 Gene Price, M.D.
 Raneë King
 Patti Caylor
 Mark Marlow, LDO
 Amanda Weaver, LDO
 John Wolfenbarger, LDO
 Happy Moyer, LDO

Visual Fashions
 Philadelphia, TN
 Philadelphia, TN
 Clancy Optical
 Volunteer Optical Laboratory
 V.A. Clinic
 Hughes Optical
 Roane Eye Center
 Sevierville, TN
 Knoxville, TN
 East TN Regional Optical Dispensary
 UT-Chattanooga
 East TN Regional Optical Dispensary
 Chattanooga

PARALEGAL STUDIES

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 Hon. John Mark Windle
 Susan Hyder
 W. Scott Teeter

Donna Bryson

John Acuff
 Terri Gadd

Tracey Williams
 Waylan Payne

Cooley, Cooley & Agee
 Juvenile Judge, 7th Judicial District
 Referee, 8th Judicial District
 Dist. Atty. Gen., 8th Judicial District
 Chancellor, 9th Judicial District
 Tennessee House of Representatives
 Paralegal and Office Manager, Bean & Smith
 RSCC Associate Professor of Criminal
 Justice
 Paralegal, Rural Legal Services of East
 Tennessee
 Acuff & Acuff
 Paralegal, 7th Judicial District Attorney's
 Office
 Paralegal, Mostoller & Stalberg
 E.T.H.R.A.

PHYSICAL THERAPIST ASSISTANT

Kelly Lenz	Clinton Physical Therapy Center
Eileen Reed	Knox County Schools
Tammy Seymour	Healthsouth
Emily Delozier	Vencor
Baron Johnson	Appalachian Therapy Center
Vicky Peterson	Oak Ridge City Schools
Jeff Underwood	Patricia Neal Rehab, Harriman
Phobee Johnson	Patricia Neal Rehab, Harriman

POLYSOMNOGRAPHY

Dr. Rosanne Barker	Baptist Hospital of East Tennessee
Karrie Boling, RPSGT	Methodist Medical Center
Brian Bounds, RPSGT	United Medical
Dan Brown, RPSGT	Baptist Hospital of East Tennessee
Paula Goff, RPSGT	Roane State Community College
Walt Holland, REEGT	University Health System, Inc.
Shawn Kimbro, RPSGT	Baptist Hospital of East Tennessee
Marcie Poe, RPSGT	Centennial Medical Center
Dr. Steve Plenzler	St. Mary's Medical Center
Bob Vick	MallenKrodt/Nellcor Puritan Bennett

RADIOLOGIC TECHNOLOGY

David Newman, R.T. (R)	Methodist Medical Center of Oak Ridge
Phyllis Shnider, R.T. (R)	Fort Sanders West Medical Center
Connie Wagner, R.T. (R)	Fort Sanders Parkwest Medical Center
Jo Ann Franklin, R.T. (R)	LaFollette Medical Center
Cathy Parsons, R.T. (R)	Roane Medical Center
Roger Rhodes, R.T. (R)	Baptist Hospital

RESPIRATORY THERAPY TECHNOLOGY

Darrell Eastridge	Roane State Community College
Bruce A. Fisher	Roane State Community College
Richard Obenour, M.D.	UT Medical Center at Knoxville
Student Representatives	
Michael Powers	UT Medical Center at Knoxville
Mark Davidson	East Tennessee Baptist Hospital
Carla Smith	Fort Sanders Parkwest Medical Center
Kim Colyer	Methodist Medical Center of Oak Ridge
William Farnham	UT Medical Center at Knoxville
Jeff Aytes	Roane Medical Center
Alicia D'andrea	Fort Sanders Regional Medical Center
Stephanie Ryan	St. Mary's Medical Center
Lesha Hill	Roane State Community College
Della Carroll	UT Medical Center

CLINICAL AFFILIATES/SUPERVISORS FOR HEALTH SCIENCE PROGRAMS

Health Information Technology

Melissa Rosser	Cumberland Medical Center
Carmen Haun	Thompson Cancer Survival Center
Beverly Hinkle	Lakeshore Mental Health Institute
Sue Gray	UT Veterinary Teaching Hospital
Linda Wilhoit	UT Medical Center
Sharon Hamby	Harriman Care & Rehabilitation
Emmadene West	St. Mary's Medical Center
Lisa Peterson	UT Medical Center
Wynelle Paige	Fort Sanders Regional Medical Center
Karen White	Roane Medical Center
Coletta Manning	Methodist Medical Center of Oak Ridge
Dawn Carpenter	Sweetwater Hospital
Linda Davis	East Tennessee Baptist Hospital
Cindy Nixon	Cookeville General Hospital
Tonya Myers	East Tennessee Baptist Hospital
Karen Breazeale	East Tennessee Baptist Hospital
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Diane Bobrowski	East Tennessee Baptist Hospital
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Jeanie Watson	Fort Sanders Loudon Medical Center
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Elizabeth Colwart	Blount Memorial Hospital
Karen Hunley	St. Mary's Medical Center
Kay Miles	St. Mary's Medical Center
June Goodman	Ridgeview Psychiatric Hospital
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Teresa Seeber	Alcoa Billing Center
Laura LeQuire	All Woman's Care
Kellie Barringer	NHC Cavett Hill
Tina Fickey	East Tennessee Baptist Hospital
Janice Watkin	Fort Sanders Parkwest Medical Center
Diane Thraen	Methodist Medical Center
Andrea Beaty	Dr. Saunders

Occupational Therapy Assistant

Debbie Wells	Blount Memorial Hospital
Renee Huntley	Fort Sanders/Patricia Neal
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Larry Bernard	Cavet Hill
Robin Stone	Lakeshore Mental Health Institute
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Ellen Fowler	Therapy Center
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Karen Cross	Knoxville Convalescent Center
Karen Register	East Tennessee Children's Rehab. Center

Nancy Tabor
Regina Bradley-Jenkins
Shane Fulmor
Margaret Gibb
Jennifer Stealy
Maxine Northrup

Carter Miller
Kelly Kittrell
Jerry Lewis
Jill Baker
Rosalie Nagler
Pam Groomes

Polysomnography

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Jackie Davis
Kathy DeJong
Gail Gray
Timothy Henion
Walt Holland
Shawn Kimbro
Denise Myers
Dr. Steven Plenzler
Donna Plumlee
Marcie Poe
Sara Smith
Jane Wilkinson

Radiologic Technology

Kevin Meadows, R.T. (R)
Vance Waddell, R.T. (R)
Cathy Parsons, R.T. (R)
Tim Benson, R.T. (R)
Donna Hale, R.T. (R)
Brad Harris, R.T. (R)
Wawana Walker, R.T. (R)
Doris Blodgett, R.T. (R)
Beverly Grant, R.T. (R)
Phyllis Shnider, R.T. (R)
Kelly Hall, R.T. (R)
Pat Gunter, R.T. (R)
Miriam Green, R.T. (R)
Noreen Geffert, R.T. (R)
Michelle Richesin, R.T. (R)
Angela Saffelle, R.T. (R)
Joan Simon, R.T. (R)
Ann Ray, R.T. (R)
Charlie Ashworth, R.T. (R)
Clarence Lane, R.T. (R)
Michelle Moorman, R.T. (R)
Shelly Hampton, R.T. (R)
Cindy Cornett, R.T. (R)

Therapy Unlimited
Knox Co. Schools
Appalachian Therapy Center
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Fort Sanders/Patricia Neal
Little Tennessee Valley Educational
Cooperative
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Keystone Elder Day Care Program
Oak Ridge City Schools
TN Christian Medical Center

Methodist Medical Center
Pulmonary Associates of Kingsport
Southeast Regional Medical Center
East Tennessee Children's Hospital
Cumberland Medical Center
University Health System, Inc.
Baptist Hospital of East Tennessee
Bristol Regional Medical Center
St. Mary's Medical Center
Ft. Sanders Regional Medical Center
Centennial Medical Center
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West Florida Regional Medical Center

Roane Medical Center
Fort Sanders Sevier Medical Center
Cumberland Medical Center
Methodist Medical Center of Oak Ridge
Methodist Medical Center of Oak Ridge
Athens Regional Medical Center
Children's Hospital
Baptist Hospital
Healthsouth Diagnostic Center
Fort Sanders West Outpatient
Fort Sanders Loudon Medical Center
Fentress County Hospital
Cookeville Regional Medical Center
Blount Memorial Hospital
Sweetwater Hospital Association
St. Mary's Medical Center
St. Mary's Medical Center
Athens Regional Medical Center
Blount Memorial Hospital
Fentress County Hospital
Fort Sanders Loudon Medical Center
Fort Sanders Loudon Medical Center
Fort Sanders Parkwest Medical Center

GLOSSARY

Advisor - A faculty member who meets with designated students each semester or year 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 Degree - An associate 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.) or Associate of Arts (A.A.) degree. Roane State 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. Auditing students pay required fees and attend class but are not required to complete assignments or take exams.

Career Preparation Program - An Associate of Applied Science (A.A.S.) degree program designed for students who wish to seek employment and enter the job market right after completing a two-year college degree program. The credits from these programs are not readily transferable to a four-year college or university, but do lead to the A.A.S. degree.

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 course load is the total number of semester hours or credit hours in which a student is enrolled for a semester. An average course load at RSCC is 12 to 18 hours for a student attending full time.

Credit Hours or Semester Hours - One credit hour or one semester hour is usually assigned for each 50 minutes of class per week for a semester. For example, Composition I is a three-credit hour or three-semester hour course. Since it is a three-hour course, a student taking Composition I would attend class three hours each week for 15 weeks and receive three hours of credit (or three credits) for the course.

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

Elective - A subject or course which a student may choose from courses that are required for a specific degree program.

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

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

Grade Point Average (GPA) - An average obtained by dividing the total number of grade points (A=4; B=3; C=2; D=1) earned by the total number of hours of coursework attempted. See page 52 to calculate your GPA.

Humanities - Any course at Roane State in art, literature, foreign language, journalism, music, philosophy or theatre.

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

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

Prerequisite - A course requirement that must be met before enrolling in particular courses.

Glossary

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

Syllabus - A precise outline of course expectations stating the required textbook(s), assignments and dates due, test dates, grading and policies, research papers, as well as other requirements.

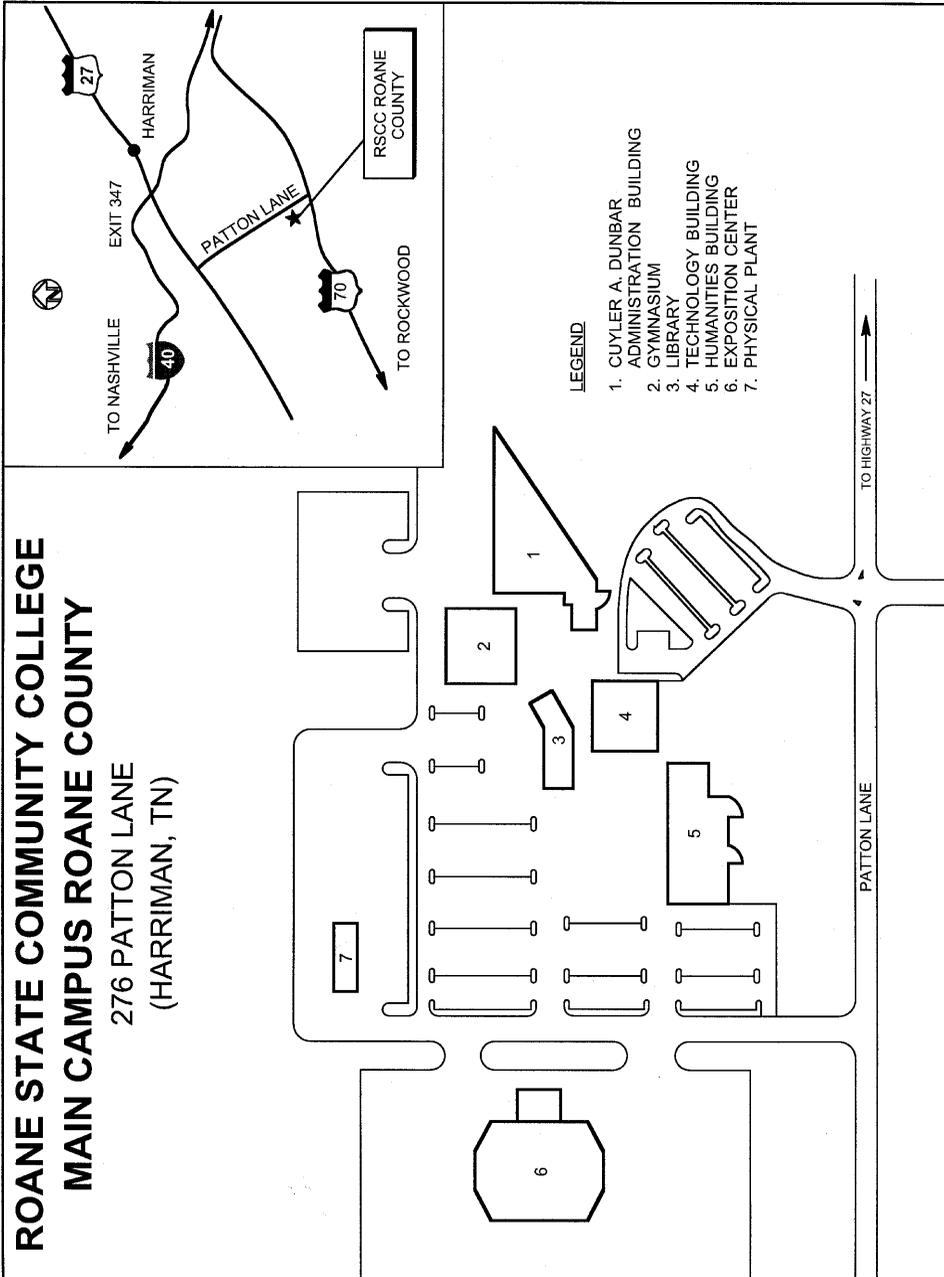
Transcript - An official record of academic history, provided by high schools or other colleges previously attended.

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 (B.S. or B.A.) degree. The credits earned from these programs lead to the A.S. or A.A. degree.

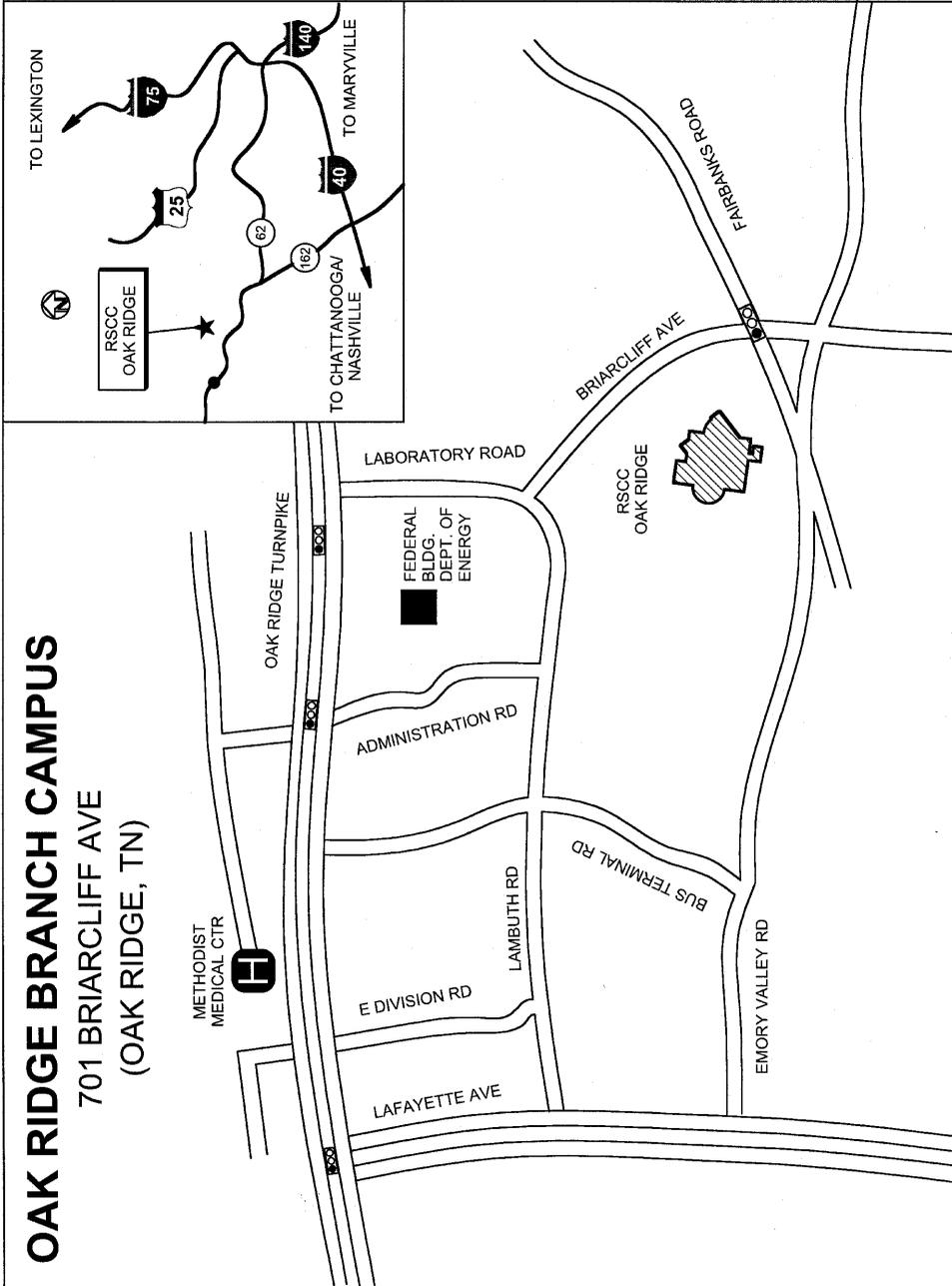
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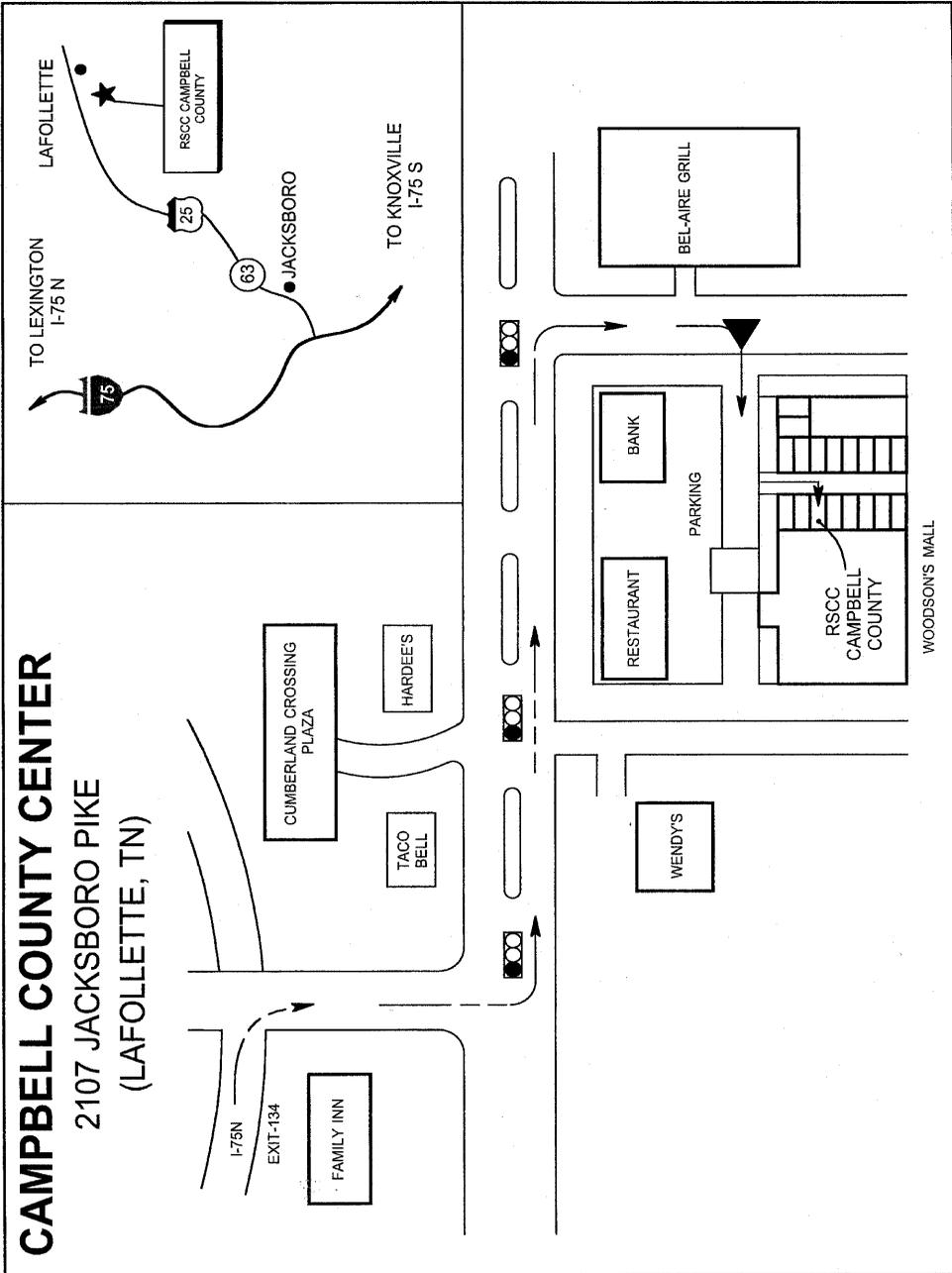
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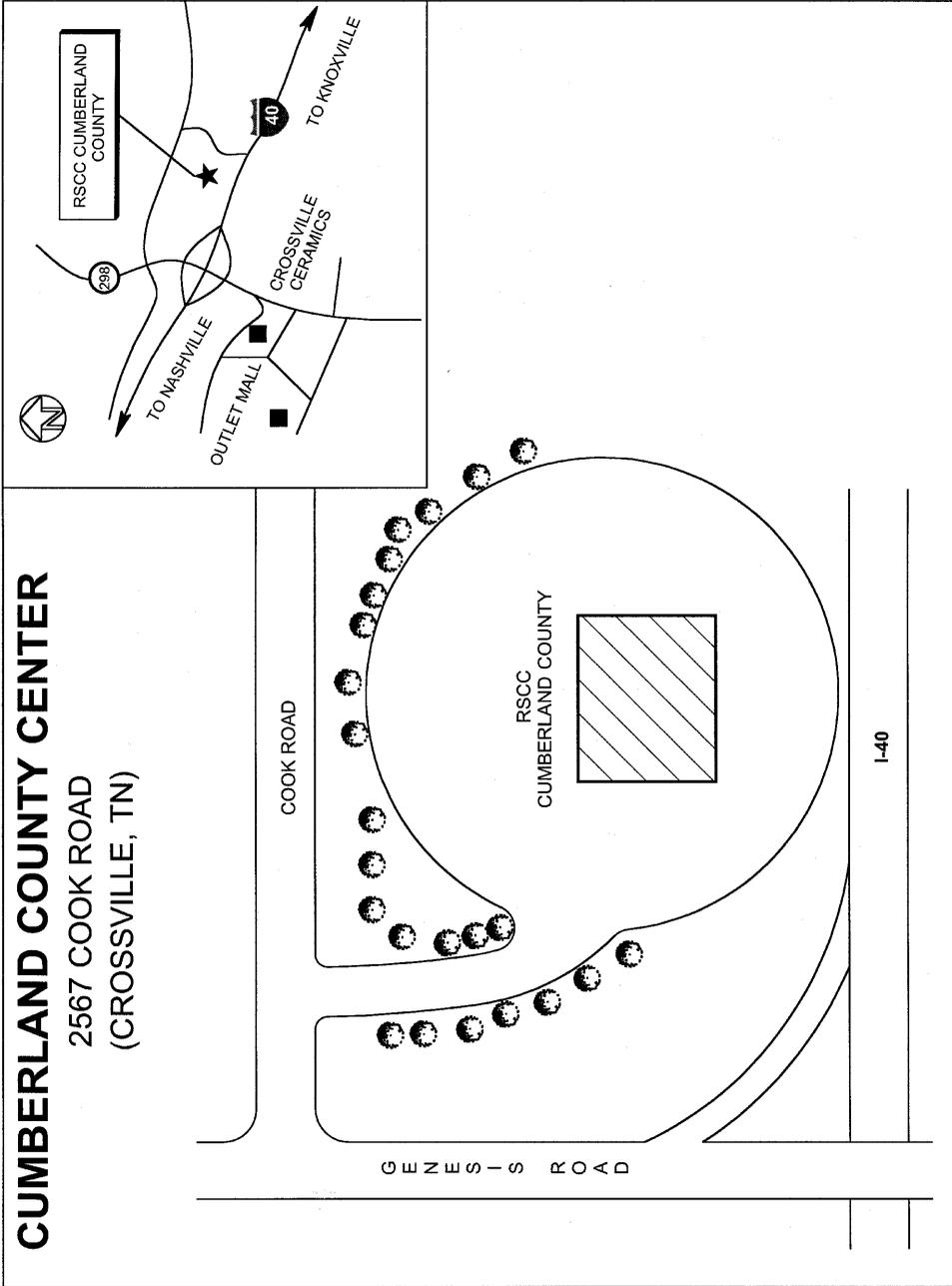


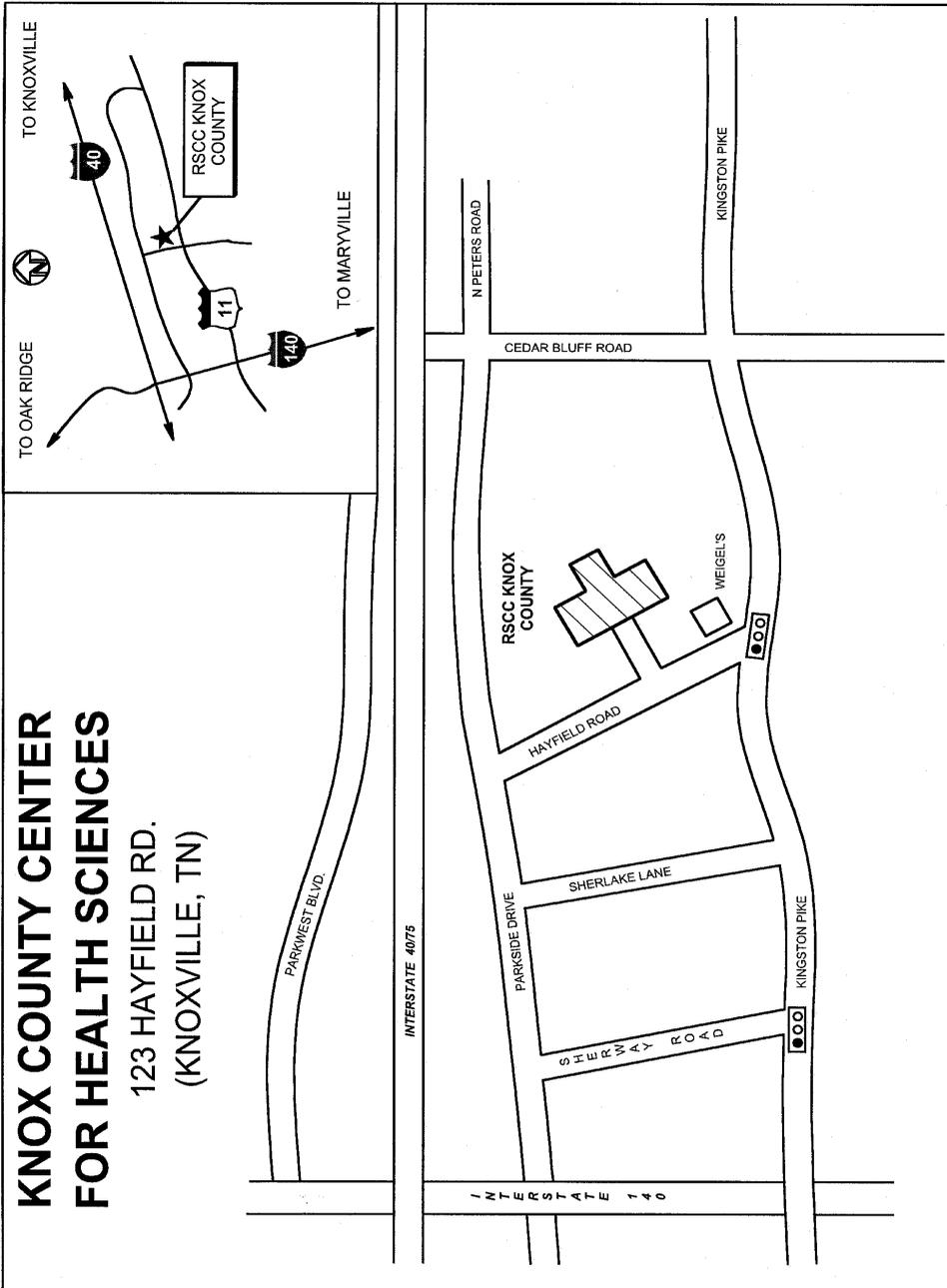
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