



ROANE STATE COMMUNITY COLLEGE

HARRIMAN, TENNESSEE 37748



GENERAL CATALOG 1978-79

Roane State Community College began the first session of its educational operation on September 20, 1971.

Vol. 8 No. 1 1978



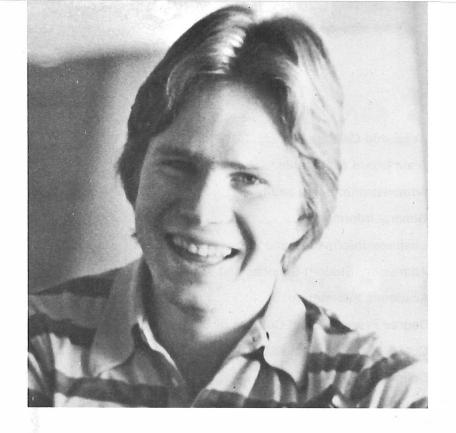






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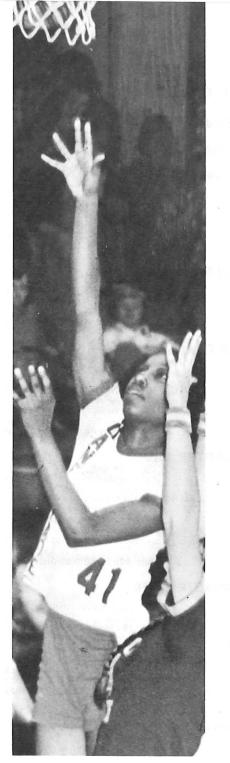
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Roane State Community College offers its programs of instruction to qualified persons regardless of race, color, creed, sex or national origin.

An Equal Opportunity/Affirmative Action Employer

Telephone: (615) 354-3000 A NOTE TO VISITORS

The College administration, faculty, and staff welcome visitors to the campus. The administrative offices are open Monday through Friday, 8:00 a.m. until 5:00 p.m. The Admissions Office, Business Office, and Book Store are open from 8:00 a.m. to 12:00 a.m. on Saturdays.





ACADEMIC CALENDAR

School Year 1978-79

SUMMER QUARTER 1978*

First Session

^{*}See page 25 for registration procedures and fees for Summer Quarter.

SPRING QUARTER 1979

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SUMMER QUARTER 1979*

Full Term

	Last day to add classes or register late
August 2	Last day to withdraw from classes
August 24	Last class
August 27	Grades due in Admissions Odfice

First Summer Term

June 12	Registration
June 14	Classes begin
June 19	Last day to add classes or register late
	Holiday—Independence Day
July 6	Last day to withdraw from classes
July 20	Last class

Second Summer Term

	Classes begin
July 26	Last day to add classes or register late
August 10	Last day to withdraw from classes
August 24	Last class
August 27	Grades due in Admissions Office

^{*}See page 25 for registration procedures and fees for Summer Quarter.

STATE BOARD OF REGENTS

Statutory

Honorable Ray Blanton, *Chairman* Governor of the State of Tennessee, *Ex-officio*

Dr. Roy S. Nicks, Chancellor

Dr. Sam H. Ingram
The Commissioner of Education, Ex-officio

Honorable Edward S. Porter The Commissioner of Agriculture, *Ex-officio*

Dr. G. Wayne Brown, Executive Director Tennessee Higher Education Commission, Ex-officio

NAMED FROM CONGRESSIONAL DISTRICTS AND AT-LARGE

Mr. James H. Jones, Jr., Vice Chairman	Mt. Pleasant
Dr. Kenneth Ezell	
Mr. Dale Glover	Obion
Mr. J. Frank Taylor	
Mrs. Johnella H. Martin	Nashville
Dr. Claude C. Bond	Chattanooga
Miss Ella V. Ross	Johnson City
Mr. Scott Mayfield	Athens
Mr. George M. Klepper, Jr	Memphis
Mr. J. Howard Warf	Hohenwald
Mr. David White	
Mr. J.C. Eoff, Jr	Tullahoma
Mr. Martin Abraham (Student Member)	Clarksville

Roane State Community College is an Institution of Higher Education of the Tennessee State Board of Regents; accredited by the Southern Association of Colleges and Schools; an institutional member of the American Association of Community and Junior Colleges, the Southern Association of Junior Colleges and the Tennessee College Association; approved by the State Department of Education. Courses are approved by the State Approving Agency for Veterans Training.

ROANE STATE COMMUNITY COLLEGE

COLLEGE PERSONNEL

Executive Officers
President
Administrative Officers
Associate Dean of Career and Continuing Education
Division Chairpersons
Chairperson, Division of Education (Acting)

TechnologyB. BARTLEY KLIMA

Department Heads

Department of Engineering

ADMINISTRATION AND FACULTY

ALLEN, PHILLIP
B.S., Western Kentucky University—Physical Education M.S., University of Tennessee—Recreation
ATKINSON, EDWARD R., JR
BAILEY, LEONARD C
BARNDT, DENISE S.,
B.A., University of Pittsburgh—Political Science
BARNES, DELORISE C
BERRY, LINDA S
BILBREY, JUNE A
BOULDIN, C. LARRY
BREAZEALE, WAYNE L
BROWN, JAMES E
B.A., Athens College—Art M.A., University of Alabama—Art
Additional Graduate Work, University of North Carolina
BRYANT, GAY D
BYRNE, JANET O
BYRNE, THOMAS E
CALVERT, MARJORIE H

CHARTON, FRANK L
Assistant Professor of Geography
B.A., George Peabody College—Social Studies
M.A., Michigan State University—Geography
Ph.D., Michigan State University—Geography
CHRISTIAN, ALEETA P
M.S., University of Tennessee—Adult Education
CHRISTIAN, FLOYD L
A.B., Birmingham-Southern—Mathematics
M.A., Samford University—Mathematics
Ph.D., University of Mississippi—Mathematics
COOPER, HENRY H
B.S. University of Tennessee—Communications
M.S. University of Tennessee—Educational Administration and Supervision
Additional Graduate Work, University of Tennessee
CURRIE, SARA R
B.A., Wilson College—English
M.Ed., Boston University—Reading
Ed.D., Boston University—Reading
DAVIS, BEULAH A
B.A., Carson-Newman College—English
M.A., East Tennessee State University—English
Ed.S., George Peabody College—English
DUNBAR, CUYLER A
B.S., University of Tennessee—Agricultural Education M.A., Austin Peay State University—Educational Administration/Counseling
Ed.D., Auburn University—Educational Administration
DUNFORD, G. GARYDirector of Counseling and Guidance
B.S., Brigham Young University—Psychology
M.S., Brigham Young University—Counseling and Guidance
Ed.D., New Mexico State—Counseling and Guidance
EDWARDS, LINDA M
B.S., University of Tennessee—Botany
M.S., University of Tennessee—Botany
EISON, JAMES A
B.A., S.U.N.Y. at New Paltz—Psychology M.S., University of Tennessee—Psychology
Additional Graduate Work, University of Tennessee
FISHER, BARBARA H
B.S., University of Tennessee—Education
Additional Graduate Work, University of Tennessee
FISHER, BRUCE A
B.S., Lincoln Memorial University—Biology
M.S., University of Tennessee—Zoology
Ph.D., University of Tennessee—Zoology
FISHER, NANCY M
ASSOCIATE Professor of English A.B., Women's College, University of North Carolina—English
M.A., Florida State University—English
Ph.D., University of Tennessee—English
·

FRITTS, HARRY E
GARNER, SUSAN A
M.Ed., Middle Tennessee State University—Health, Physical Education, Recreation
GEBBIA, PHILIP P
GLOVER, IRVING T
GOLDBERG, PAUL E
Ed.D., University of Tennessee—Educational Administration and Supervision GREENE, LOUISE R
HAMMOND, JAMES M
B.A., Tennessee Wesleyan—English M.A., Middle Tennessee State University—English
HEIDINGER, GARY L
 B.S., Bethel College—History M.A., George Peabody College—History Additional Graduate Work, University of Mississippi, Auburn University, Alabama A & M University, and University of Tennessee
HIDUKE, GAIL P
HOAGLAND, JUDY K
HOAGLAND, WILLIAM M
HOLDER, MABRE M
HOWARD, BENJAMIN S
HOWARD, REBECCA M

HOWELL, RONALD P	h
INGWERSEN, INA J	h IS
B.A., Nyverheids School, Arnhem, Netherlands—College Home Economics R.N., Diaconessenhuis, Hilversum, Netherlands—Nursing B.S.N., University of Pennsylvania—Nursing M.S.N., Washington University—Psychiatric Nursing	
ISABEL, LINDA H	
B.S., LeMoyne College—Mathematics M.S.E., Arkansas State University—Guidance	
JENKINS, MARGARET G	h
JOHNSON, J. ALTON	er
JOHNSON, JUDITH M	or es
B.S., University of Tennessee—Psychology M.S., University of Tennessee—Adult and Continuing Education	
JONES, KATHY R	
B.A., David Lipscomb College—Speech M.Ed., Middle Tennessee State University—Reading	
JORDAN, BERNARD E	r
JOYCE, JAMES A	n
KARR, CLAIRE E	
A.B., Connecticut College for Women—History M.A.T., Boston College—History	•
KENNEDY, STEPHEN D	r
KIRKPATRICK, MELVIN A	n
Assistant Professor of Mathematics B.S., Tennessee Technological University—Mathematics, Secondary Education M.S.T., Middle Tennessee State University—Mathematics Additional Graduate Work, University of Tennessee	1
KLIMA, B. BARTLEYDepartment Head, Engineering Technology Assistant Professor of Chemical Engineering	
B.S., Georgia Institute of Technology—Chemical Engineering P.E.	

KNOX, MARTHA M
A.B., University of Tennessee—English M.A., University of Tennessee—English Additional Graduate Work, University of Tennessee
KRING, JAMES B
KUEHN, FAYE
LANDERS, ANDY G
M.A., Tennessee Technological University—Health and Physical Education MARSALIS, W. CARROLL
and Continuing Education Associate Professor of Political Science B.A., Mississippi College—Political Science
M.A., University of Mississippi—Political Science, Constitutional Law Additional Graduate Work, Auburn University
MARTIN, FREDRIC H
MINTER, ANNE P
Associate Professor of Chemistry B.S., Georgia College at Milledgeville—Chemistry M.A., Duke University—Microbiology Ed.D., University of Tennessee—Science in Higher Education
MOORE, ALICE A
MOORE, MICHAEL L
NAMKUNG, AGNES I
Ed.D., University of Tennessee—Curriculum and Instruction NAVE, JAMES L. JR
Roane State-Oak Ridge B.A., Emory and Henry—Physical Education M.S., University of Tennessee—Physical Education Ed.D., Auburn University—Education Administration
NEEDHAM, JOHN R
NELSON, GERALD H

NISWANDER, JULIA A
ORTON, THOMAS H
PARKS, REBECCA L
PARSONS, STEVE J
PATTON, WALTER S
POLLARD, OWEN J
Additional Graduate Work, L'Université de Montréal, L'Université de Laval, Catholic University of America, Bellarmine, Bowling Green State University, University of Tennessee
PORTERFIELD, DELLA N
POULIN, GERALD D
POWERS, ANNE D
RANDOLPH, HELEN E
RUDOLPH, JOHNNIE J
SAFDIE, ROBERT
SAIDAK, LANCE R
SAMS, EDWIN B

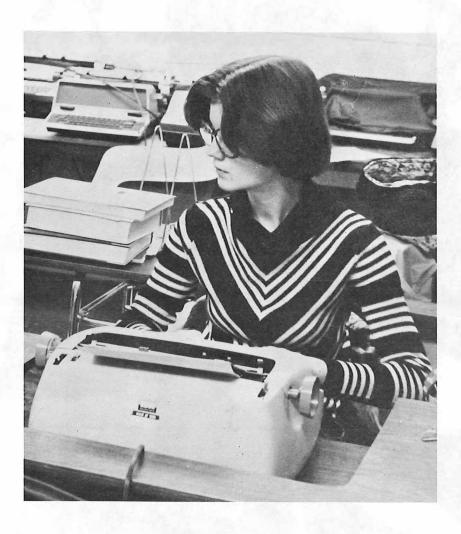
SIENKNECHT, MARTHA E
SIMMONS, LINDA J
SMITH, BILLY L
SMITH, PHILIP L
SMITH, SHIRLEY R
SWEET, DAVID G
FEETER, W. SCOTT
THOMAS, BOB F Department Head, Business and Economics Assistant Professor of Business
B.S., University of Tennessee—Marketing M.B.A., University of Tennessee—Industrial/Personnel Management Additional Graduate Work, University of Tennessee
FHOMPSON, J. RONALD
FHOMPSON, JOANN W
FILLERY, MARTHA M
JNDERWOOD, HAROLD L
WATERS, MICHAEL L
NORKS, LARRY P
ATES, WILLIAM B

YORK, KINCH M.....Superintendent of Maintenance and Security Memphis State University

ZACHRY, JOEL G.Director of Personnel and Affirmative Action

B.S., Tennessee Technological University—Education M.S., Middle Tennessee State University—Biology

Additional Graduate Work, Middle Tennessee State University and University of Tennessee









General Information



COLLEGE HISTORY

In 1957 the Pierce-Albright report on higher education in Tennessee was submitted to the Tennessee Legislative Council. This report emphasized the need for additional higher education to be available to the typical Tennessee resident.

In 1963 the Tennessee General Assembly appropriated \$200,000 for use over a two-year period to implement the Pierce-Albright report. The State Department of Education, under the leadership of Commissioner J. Howard Warf, developed plans for the establishment of community colleges to service areas without access to higher education.

The 1965 Tennessee General Assembly authorized the establishment of the first three community colleges, one to be located in each of the State's three grand divisions. Sites of these institutions were Columbia, Cleveland, and Jackson. The cities of Dyersburg and Tullahoma were the locations of additional community colleges opened in 1969. In 1970 Morristown was the location of the sixth community college.

Acting upon the recommendation of Governor Buford Ellington and the State Department of Education, the 1969 Tennessee General Assembly authorized the establishment of three additional community colleges. These colleges were to be located in Sumner, Roane, and Shelby counties. In July 1969, Commissioner J. Howard Warf and other State Department of Education officials visited various sites proposed for the new college in Roane County. After appropriate studies were made, a site on Patton Lane was chosen for the location of the institution.

In May of 1970, Dr. Cuyler A. Dunbar was selected as the first president of the College; and in the late summer, temporary offices were opened on Ruritan Road in South Harriman.

When bids for construction were opened in August 1970, the low bid was approximately \$700,000 higher than the amount of available funds. Subsequently, a decision was made by State Department of Education officials and College administrative personnel to open in temporary quarters in the fall of 1971.

Bids for construction were opened again in June 1971, and construction was begun in July 1971. The building was occupied in August 1973.

Groundbreaking for the second building on the Roane State campus was held in January 1977. This facility, a Technologies Building, will house the college's Career Education Division. Construction of the new facility is scheduled for completion in 1978.

An additional package of buildings and renovations has also been approved for RSCC. This package, called Campus Expansion Phase II, consists of a Library/Learning Resources Center and a Maintenance Building/Central Heating Plant. Funds for the Campus Expansion Phase II project were approved by the state legislature this past year. It is anticipated that construction on this new building package will be begun some time in 1978. These new facilities are becoming increasingly important due to the tremendous growth of the college. The Fall Quarter 1977 enrollment was up again for the sixth straight year. During this Fall Quarter, 2,806 students were enrolled in credit courses, with more than 800 students enrolled in non-credit courses and workshops. This made approximately 3,606 persons who were served by RSCC during the Fall Quarter.

Location

The campus of Roane State Community College consists of 104 acres located between the cities of Harriman, Kingston, and Rockwood in Roane County, Tennessee. The permanent site is near the intersection of Patton Lane and U.S. Highway 70. The campus is easily accessible from Interstate 40 and U.S. Highways 27 and 70.

PURPOSE

The educational offerings of Roane State Community College are based upon the belief that development of the individual for a useful and productive life in a democratic society is a primary obligation of the public educational system.

Roane State Community College accepts as its purpose the development of the cultural, intellectual, physical, and vocational resources of the people of the surrounding area through qualified teaching, professional counseling and guidance, and comprehensive services offered to students and community.

Roane State Community College offers day and evening programs combining general education and technical education sufficiently flexible to provide for the changing educational needs of the community. The program is three-fold: (1) To serve those who wish to transfer and complete a four-year college education; (2) To serve those who wish to complete their formal education upon graduation from Roane State Community College; and (3) To serve the entire community through an adult program based on community needs and demands.

Roane State Community College accepts the philosophy that a community college is not merely two years of continuing high school or just the first two years of college, but is a separate entity.

Roane State recognizes that students have differing learning characteristics which require varied instructional techniques, and the college endeavors to provide the leadership which will enable each individual to develop and mature toward the realization of his/her potentialities. Thus, students are encouraged to actively participate in the social, cultural and intellectual activities of the college and its community.

Specifically, Roane State attempts to fulfill its role in the educational process by: (a) Promoting a liberal admissions policy; (b) Developing a broad curriculum of superior quality; (c) Supporting a position of low fees for its students; (d) Maintaining a fundamental orientation toward the area it serves; (e) Establishing adequate articulation with four year institutions; and (f) Development of reasonable vocational and occupational objectives.





BUSINESS REGULATIONS

Tuition and fees are assessed and payable at the beginning of each quarter. 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 State Board of Regents.

TUITION

Tuition is free to all residents of the state of Tennessee. Students classified as non-residents will be assessed tuition at the rate of \$26.00 per quarter hour, not to exceed \$312.00 per quarter. The definition of residency as determined by the State Board of Regents will apply. Information concerning residence classifications may be obtained from the Director of Admissions and Records. Non-resident students will be accepted, if space permits.

MAINTENANCE FEE

All students, both resident and non-resident, will be assessed a maintenance fee of seven dollars per quarter hour, not to exceed \$84.00 per quarter.

ELDERLY AND DISABLED PERSONS

Disabled persons and persons *sixty* years of age or older, who are domiciled in Tennessee, are eligible to enroll in courses for AUDIT without payment of tuition, maintenance, student activity or registration fees.

Disabled persons and persons *sixty-five* years of age or older, who are domiciled in Tennessee, are eligible to enroll in courses for CREDIT at the rate of \$3.50 per quarter hour up to a maximum of \$30.00.

Special fees (such as laboratory fees, graduation fees, parking fees, 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 advanced age.

Enrollment of disabled or elderly students will be made on a space availability basis.

VIETNAM CONFLICT VETERANS DEPENDENTS

All tuition, maintenance, activity and other fees are waived for the children of Vietnam conflict veterans if the conflict veteran died while serving in Vietnam or as a result of injury sustained while

serving in Vietnam, or was officially declared missing in action or declared a prisoner of war in Vietnam.

Documented evidence will be required.

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.

COMMUNITY SERVICE COURSE FEES

Fees for Community Service courses will vary with length of the course, cost of materials provided, equipment, or miscellaneous resources. Students enrolling for Community Service courses are not required to pay an application fee or late registration fee.

SUMMER QUARTER FEES

The Summer Quarter consists of a full-quarter term, two separate terms of approximately five weeks each, or three triple accelerated terms.

Students may register for the entire quarter, for the two separate terms, for three triple accelerated terms, or any combination thereof. Tuition and fees for the entire Summer Quarter are the same as for other quarters. Students are required to indicate at the initial enrollment for the Summer Quarter if they wish to be assessed for the full quarter at the rate of \$7.00 per quarter hour, not to exceed \$84.00, or if they wish to be assessed at the rate of \$7.00 per hour in which case a student taking a total of more than 12 quarter hours during the two separate terms would be required to pay more than the maximum of \$84.00. Once the student has indicated his/her election, he/she may not shift from one plan to the other. The Business Office will assist a student in selecting a plan that is to the advantage of the student.

OTHER FEES

- **Application Fee**—Each student applying for admission to the College for credit courses for the first time will be assessed a \$5.00 application fee. This fee is a one-time only fee, is not applicable to the maintenance fee, and is not refundable.
- Change of Schedule Fee—Students changing schedules after registration day will be assessed a fee of \$5.00. This fee is not refundable. Students withdrawing from school entirely are not required to pay this fee. The fee is not charged for changes that are necessary because of institutional action.
- **Graduation Fee**—Graduating students are assessed a fee of \$20.00 to cover the cost of a diploma and other related costs. This fee must be paid at the beginning of the quarter in which a student

- is scheduled to graduate. This fee is not applicable to certificate graduates. This is a one time fee and is not refundable.
- I.D. Card—There is no charge for the original I.D. card issued a student. A charge of \$1.00 will be made for replacing a lost I.D. card.
- Individual Instruction in Music—Quarterly fees for individual instruction in music are assessed as follows:

Full-time students 1 lesson per week \$20.00

2 lessons per week \$30.00

Part-time students 1 lesson per week \$30.00

2 lessons per week \$60.00

- Late Registration Fee—Students failing to complete the registration requirements on the appointed registration day will be assessed a late registration fee of \$10.00. This fee is not refundable.
- Liability Insurance Fee—A yearly fee of \$8.50 is assessed to students in the Radiologic Technology Program.

Lock or Key Replacement Fee—\$3.00

- Miscellaneous Fees—A fee will be charged for courses utilizing some off-campus facilities. This fee will be based on the cost to the college for the rental of the facility. This fee is not refundable.
- Motor Vehicle Registration Fee—(To be determined and publicized at a later date)
- Musical Instrument Rental Fee—\$5.00 per guarter.
- Returned Check Fee—A fee of \$5.00 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 for any purpose from persons who have developed a record of presenting checks that have subsequently been returned by their bank.
- Transcripts—There is no charge for a transcript. However, the college has the right to limit transcripts provided at any one time to a reasonable number.

REFUNDS

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

75% of fees will be refunded for drops or withdrawals within 14 calendar days after the first official day of classes. The

first official day of classes is determined by the official college calendar listed in the catalog as the day "classes begin."

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

100% of fees will be refunded for drops or withdrawals prior to official registration.

100% refund in case of death of the registered student.

- **Summer Sessions**—Summer session refunds will be based on the above with short terms being prorated as a percentage of a regular term.
- Community Service Courses—Fees charged for Community Service courses are refundable in the following manner: (1) 100% refund if the class is dropped prior to the first class meeting, (2) 70% refund if the class is dropped after the first class meeting, but prior to the second class meeting, and (3) no refund is made after the second class meeting, for individual classes missed, or for programs of fewer than 10 contact hours. All refunds will be made promptly.
- **General Refund Policy**—No refund is due on courses which are dropped unless the sum of the remaining hours calculated at the hourly rate is less than the total amount paid for tuition and or maintenance fees.

Refunds are calculated from the date that appears on the official change of schedule form completed by the Office of Admissions and Records. Students should be careful to complete the official change of schedule in the Office of Admissions and Records promptly. Failure to do so will result in the forfeiting of all rights to a refund.

Refunds can be expected approximately six to eight weeks into the quarter.

BOOKS AND SUPPLIES

The cost of books and supplies will vary from one program to another. The College Bookstore sells both new and used books. Students are encouraged to take advantage of savings which result when purchasing used books. The cost of books and supplies will probably range from \$35-\$70 per quarter.

Book Buy Backs—The College Bookstore will buy back used books in good usable condition in quantities limited to the anticipated needs for ensuing quarters. Book buy back periods are announced at the end of each quarter.

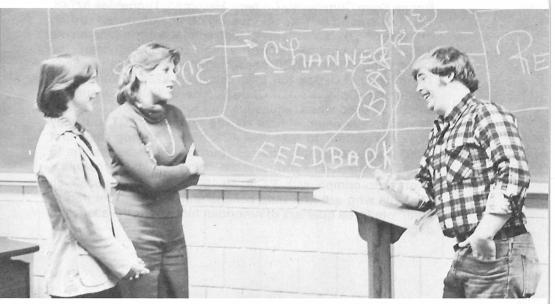
Students selling books back to the bookstore will be required to furnish suitable identification, such as a Roane State Community College ID card, a valid Tennessee driver's permit, or a Social Security car.







Admissions
Student Services
Activities



Admissions

ADMISSIONS AND RECORDS

Roane State Community College subscribes to the "open-door" policy for admission. Prospective students seeking admission to complete courses for college credit must meet the following requirements.

ADMISSION REQUIREMENTS

- Graduate from high school or receive a GED high school equivalency diploma and file with the Office of Admissions an official high school transcript or an official copy of GED scores.
- File an application for admission and submit a non-refundable application fee of \$5.00. The application form must have all appropriate spaces completed. Failure to complete accurately all appropriate spaces may result in expulsion from the college.
- 3. File the signed Health Information Report and/or evidence of a recent physical examination. Students who have special health problems must file this information with the college clinic. Part-time students shall have the option of signing the medical waiver, and students who enroll only in courses taught at off-campus locations are exempt from any health information requirement.
- 4. All freshmen applicants are strongly urged to take the American College Testing Program (ACT) battery and have their scores certified directly to the Admissions and Records Office, Roane State Community College, Harriman, Tennessee 37748. This test should be taken preferably on one of the fall testing dates during the senior year of high school. Information on the ACT may be obtained from the high school counselor, the Counseling Office at RSCC or by writing to American College Testing Inc., P.O. Box 168, lowa City, lowa 52242. Roane State Community College's ACT Code Number is 3985. This number should be used when requesting that scores be sent to RSCC. Students may enter without having taken the ACT, but they may be required to take the ACT battery during their first quarter of attendance. The sole purpose of these tests is to assist the student in choosing the best academic schedule.
- In order to comply with T.C.A. 49-1903-1906 and 49-3253, all students who are first time college students are required to complete three quarters of American history for the associate degree.

ADMISSION REQUIREMENTS FOR HEALTH OCCUPATION PROGRAMS

- The applicant must be a high school graduate, ranking in the upper half of the graduating class or attaining a GED score above the 50th percentile.
- 2. The applicant must attain a composite score of 18 or above on the American College Testing Program.
- 3. An applicant who does not meet the above requirements may be considered after successful completion of core-curriculum courses as a full-time student with a minimum GPA of 2.5.
- 4. The applicant must file a written request for admission to a specific program to the Coordinator of Health Occupations.
- 5. The applicant must be interviewed and recommended by a committee selected by the Coordinator of Health Occupations.

TRANSFER STUDENTS FROM OTHER COLLEGES AND UNIVERSITIES

- Degree seeking applicants who have attended another college or university will be considered transfer students and will be required to furnish transcripts of all previous college work from each institution they have attended.
- Transcripts are not accepted from students. A certified copy must be mailed directly to the Office of Admissions, Roane State Community College.
- 3. Transfer students will be admitted if they meet the minimum scholastic standards required by the College. Special cases will be evaluated by the Admissions Office.
- 4. In special cases an applicant who wishes to transfer to Roane State Community College may be allowed to register prior to the receipt of official transcripts. It is mandatory, however, that all transcripts be received during the first quarter of enrollment. No student may register for a second term if the admissions file is not complete.
- 5. Credits for courses not corresponding with the curriculum at Roane State will be entered on the transcript as elective credit.
- 6. If a transfer student has accumulated less than 24 quarter hours, an official high school transcript is also required.

When all requirements have been met, the applicant may be admitted to the College as a candidate for a degree and receive college credit for courses completed.

HOW TO APPLY FOR ADMISSION

All correspondence concerning admissions should be addressed to:

Director of Admissions and Records Roane State Community College Harriman. Tennessee 37748

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

When all admission papers have been received in the Office of Admissions and Records, 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, pre-registration and registration.

READMISSION OF FORMER STUDENTS

Former students who wish to return to the College after an absence of one quarter or more must file a formal application for readmission. Application forms, available from the Office of Admissions and Records, must be completed in ink or by typewriter and returned to the Director of Admissions and Records. If the student has enrolled at another college since last attending Roane State Community College, he/she must have a transcript from the other college submitted and approved before he/she may reenter. Applications will receive favorable consideration only if the applicant is eligible for readmission under all college regulations.

ENROLLMENT OF ELDERLY AND TOTALLY DISABLED PERSONS

Persons sixty years of age or older who are domiciled in Tennessee may audit courses without payment of course fees if space is available in the desired class.

Persons sixty five years of age or older and totally disabled persons who are domiciled in Tennessee, are eligible to enroll in courses for *credit* upon payment of service fees of \$3.50 per quarter hour, not to exceed \$30.00. Special fees will be assessed.

All students must complete the institutional application form and pay the application fee.

CLASSIFICATION

Degree Student

A student who has fulfilled admission requirements and is pursuing an Associate Degree program is admitted as a degree student. For administrative purposes, a student will be classified as a freshman until the completion of 42 quarter hours; a student who has completed 42 quarter hours or more will be classified as a sophomore. Those not accepted as degree students will be classified as special students.

Special Student—Credit

Persons desiring college credit, but who are not working toward a degree at Roane State Community College, may be admitted as special students. These students must submit an application form, the required medical form, and evidence of high school graduation or a GED diploma. If such students have already earned a degree, or have completed somework toward a degree at another institution of higher education, a college transcript in lieu of the high school transcript or GED diploma may fulfill this requirement.

Special Student—Non-Credit

Persons desiring to take courses offered in the College program for audit, or who do not meet all of the admission requirements, will be admitted as special students. Students seeking admission to the College for the purpose of attending special courses, seminars, or other non-credit offerings will be admitted as special students.

Special Student—Adult

A student who has passed his/her twenty-first birthday and who does not meet requirements for a regular student may be admitted as an adult-special student subject to the following guidelines:

- 1. The applicant must submit an application for admission and a five dollar application fee.
- 2. The applicant may not enroll as a full-time student.
- 3. The applicant may not accumulate more than 24 hours of credit while enrolled as an adult-special student.
- 4. After 24 quarter hours have been attempted, if the student has a 2.00 GPA or better, the student may apply to the Director of Admissions for reclassification as a regular degree student. If the reclassification request is granted, up to 24 hours of credit may be applied toward a degree program at Roane State Community College. If, after attempting 24 credit hours, the adult-special student does not have a 2.00 average, the student may not enroll in additional courses until the GED test has been successfully completed.
- 5. If the student applies for reclassification to a regular degree student prior to the successful completion of 24 quarter hours

(2.00 GPA or better), the student must submit evidence of high school graduation or successful GED scores (a composite score of 45 or better).

An adult who presents evidence of having passed his sixtieth birthday will be admitted as an adult-special student subject to the following guidelines:

- 1. The applicant must submit a completed application form and a five dollar application fee.
- 2. The student may be permitted to enroll in courses on an audit basis when class space permits. No course fees are required for Tennessee residents under these circumstances.
- 3. Regular fees must be paid for all community service courses.

Adult Special Veteran

Veterans and other eligible persons who are not high school graduates or who have not passed the high school level General Education Development test according to the standards set by the State of Tennessee, will be classified Adult Special Veteran.

Students classified as Adult Special Veteran will be required to take the College Qualification Tests and the Nelson-Denny Reading Test. The results of these tests, previous academic record, and the declared major (Associate of Science or Arts) of the student will be reviewed by a college counselor to determine which remedial courses he/she must complete satisfactorily before admission as a regular degree student. No credit toward an Associate degree will be earned while the student is classified as Adult Special Veteran.

Transfer Student

Admission as a transfer student will be based upon the student's high school record and his/her success in college. Critical consideration will be given to the conditions under which he/she is withdrawing or has withdrawn from another institution. Normally, transfer students will be admitted who can show evidence of honorable withdrawal or dismissal. These students must be eligible for readmission at the institution or be recomme nded for admission by the institution where they matriculated. Special cases will be evaluated by the Admissions Office.

Transfer students who are residents of Tennessee will be given first consideration. Out-of-state transfer students will be considered if space is available. The conditions resulting in their request for transfer will be studied and recommendation made by the appropriate committee.

Transient Student

The person seeking to be admitted as a transient student must complete the application form for transient students. The transient application is in addition to the regular form. The form contains a provision for written approval and prior commitment from the student's college to accept the credit earned at Roane State Community College.

Foreign Student

An applicant who is a citizen or a permanent resident of a country other than the United States is classified as a foreign student. The following are admissions requirements for foreign students in addition to those outlined for United States citizens and Tennessee residents:

- All applicants whose native language is not English are required to furnish test results of the Test of English as a Foreign Language (TOEFL). A minimum score of 450 on this test is required.
- 2. In addition to satisfactory TOEFL scores, all foreign applicants are required to take an English placement test at Roane State Community College for the purpose of placement in English courses. This test is administered by the Humanities Division. A personal interview is also a part of the placement procedure.
- 3. All transcripts, test scores, and other credentials must be accompanied by an official English translation of these documents and must be on file in the Office of Admissions and Records at least sixty days prior to the beginning of the term in which the applicant wishes to enroll.
- Evidence of financial resources adequate for all expenses for at least one year of enrollment. (A statement verifying these resources from a bank in the United States will fill this requirement).
- 5. The foreign student must be familiar with the regulations of the Immigration and Naturalization Service and assume responsibility for complying with these regulations.

ADMISSION WITH ADVANCED STANDING

Credit by Examination

Roane State Community College grants advanced placement and credit by examination based upon satisfactory scores on the CLEP (College Level Examination Program) Subject Area examinations, the CLEP General examinations and departmental examinations.

CLEP General Examinations:

Have official scores sent from CEEB to the Office of Admissions and Records. An evaluation for possible credit will be made, and a copy of this evaluation will be mailed to the student. Credit in each area of the General examinations will be limited to the first course in a course sequence.

CLEP Subject Area Examinations:

Have official scores sent from CEEB to the Office of Admissions and Records. An evaluation for possible credit will be made, and a copy of the evaluation will be mailed to the student.

Departmental Examinations:

Students desiring to obtain credit by successfully completing departmentally designed examinations must apply to the appropriate department to write the examination. Students must register for any course for which credit is granted.

Applications to take proficiency tests must be received in letter form by the Admission Office at least four weeks prior to the date specified for registration in the college calendar.

Advanced Placement

Advanced placement in foreign language classes will be based upon the student's previous studies. Those who have completed two years of high school language with "C" or better must enroll in the intermediate level of that language. A student may, however, enroll in beginning courses for audit or enroll in the beginning courses of a different language.

Placement in mathematics may be made at a level decided by the Mathematics Department in consultation with the student. Consideration will be given to the student's background in specific courses and available test scores.

In English, students with ACT scores of 25 or better may sign up for both English 1010 and 1020, attend English 1020, and receive six hours credit with the grade earned in English 1020.

All course exemption requests must be approved by the Dean of Instruction.

TRANSFER OF CREDIT

Roane State Community College will accept credits transferred from accredited colleges. Certified transcripts of all previous

records must be sent to the College at the time of application. Credits for courses not corresponding with the curriculum at Roane State Community College will be entered on the transcript as elective credits. Credit from an institution of higher education which is not fully accredited may be accepted provisionally if the institution is in the process of attaining accreditation.

No academic credit may be transferred to Roane State Community College from a non-accredited institution (an acceptable accrediting agency for an institution would be the Southern Association of Colleges and Schools).

Transfer grades have no bearing on the required average for graduation.

Veteran students who have more than one year of honorable military service may be awarded up to six hours of physical education activity credit and up to nine hours of Military Science credit. The veteran must present a copy of the DD 214 Form (if not on file) to the Office of Admissions and Records and file a petition for this credit.

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 Office of Admissions and Records at the time of the student's first registration. A maximum of 25 quarter hours correspondence and/or extension work may be applied toward degree credit. All correspondence or extension work must have the documented approval of the Director of Admissions and Records.

ADMISSION TO SPECIAL PROGRAMS

Admission to some programs requires additional testing and counseling. The requirements may be found in the catalog section dealing with program descriptions.

ENTRANCE PLACEMENT

The placement of a student in any given college level course will depend upon his/her having met certain prerequisites for the particular course. Prerequisites for any given course will be established on the basis of achievement in high school courses, the achievement on the related section of the ACT test, the College Level Examination Program (CLEP), and/or achievement on other tests administered by the College during registration procedures for applicants. The placement procedures are designed to help guide the enrolling student into courses commensurate with his/her ability. Students who fail to achieve the required level of proficiency in high school courses, and/or tests, will be required to enroll in

appropriate courses. Other students may elect to take any Developmental Studies Program course. The Developmental Studies Program includes reading improvement, communications, mathematics, science, and study skills.

RECORDS

Records of each student's grades are kept on permanent file in the Office of Admissions and Records. Since these records are permanent and are frequently referred to for the purpose of supplying information to legitimate sources, each student should be acutely conscious that he/she is building his/her future and that his/her good attitude and diligent study will stand him/her in good stead after graduation.

In all cases, student admission files must be complete prior to the end of the first quarter of enrollment. No student will receive grades or be permitted to reenroll until all necessary documents are received in the Office of Admissions and Records.

SPECIAL STATE AND FEDERAL LEGISLATION FOR EDUCATIONAL PURPOSES

Family Educational Rights and Privacy Act

This act provides for confidentiality of student records. No information contained in a student file may be released without the consent of the student. The only exception to this is information designated as directory information. This includes student name, address, telephone number, date and place of birth, major, dates of attendance, degree and awards, the most recent previous educational agency or institution attended, participation in school activities and sports, weight and height (for special activities). In addition, the act provides for student review under prescribed circumstances of his/her records.

Copies of the institutional policy are located in the Library and in the Office of the Dean of Students as well as the Office of Admissions and Records. Students may contact the Director of Admissions and Records for additional information or to request that Directory Information be withheld.

TRANSCRIPT OF CREDITS

In all cases, obligations to the College must be fulfilled before a transcript will be issued.

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.

ADVANCED STUDIES (for seniors in high school)

Upon completion of the junior year in high school a student may enroll in courses under the Advanced Studies plan. Conditions of this plan are as follows:

- 1. The student must have a cumulative average of "B" or above or rank in the upper 25% of the class, and the student must be nominated by the high school principal and/or counselor.
- 2. The course load may not exceed 10 quarter hours except in cases where a sequence may be 12 quarter hours.

Exceptions to the above policy must be approved by the high school principal concerned and the Dean of Instruction at Roane State Community College.

Courses satisfactorily completed will count as credit for those who submit a high school transcript showing evidence of high school graduation.

Exceptionally qualified students may continue in advanced studies during their senior year of high school if recommended by the high school principal. Courses for such students should be selected by the College, and the student given released time from the high school to attend classes of the College.

PROBATION AND RETENTION STANDARDS

A minimum quality point average of 2.00 is required for graduation from Roane State Community College.

Academic Deficiency

A student who fails during any term to attain a cumulative GPA at or above the level indicated below for the credit hours attempted will be placed on academic probation for the subsequent term.

Quarter Hour Attempted 0 - 21	Minimum Cumulative GPA No minimum
21.1 - 39.0	1.0
39.1 - 60.0	1.4
60.1 - 72.0	1.7
72.1 - 84.0	1.9
84.1 - and above	2.0

In order to remain in a health occupation program, the student has to obtain a grade of C or better in specialty courses. A "C" average must be maintained in Anatomy and Physiology.

Academic Suspension

At the end of the next term of enrollment, a student on academic probation who has failed to attain either the above cumulative standard or a 2.0 GPA for that term will be suspended for one term. Each student who is placed on academic suspension will be notified by the Admissions Office. Any student has the right to appeal to the Admissions and Retentions Committee (composed of faculty, staff, and student representatives) for reinstatement. The student should notify the Admissions Office if he/she wishes to process an appeal. If the Committee grants the reinstatement, the conditions of the reinstatement imposed by the committee must be clearly stated. These may include reduced course load, a review of program objectives with the Director of Academic Advisement, regular meetings with a college counselor and/or regular progress reports to the academic adviser.

Grounds for Dismissal

A student may be dismissed from the College for any one or more of the following reasons:

- Failure to meet minimum academic standards as stated in the above section.
- 2. Conduct of an unacceptable nature (see student handbook).

WITHDRAWALS AND HONORABLE DISMISSALS

Students finding it necessary to withdraw from the College should do so officially to maintain good standing and to assure readmission or honorable dismissal. Withdrawal procedures are as follows:

- 1. Initiate form in Admissions and Records Office.
- Secure clearance signatures (in sequence) from (1) Adviser (2)
 Instructor of any laboratory science course from which a student is withdrawing (3) Library (4) Admissions Office and (5)
 Business Office.
- 3. Return forms to Admissions Office.

After the drop deadline date, no student will be permitted to withdraw from the College and receive the grade of "W" unless documented proof of one of the following conditions exists:

- 1. Illness or injury of the student as verified by the RSCC student health service or the attending physician.
- 2. Serious personal problems as verified in writing by the student's parents, spouse, minister or physician.
- 3. Necessary change in work schedule verified in writing by the student's employer.
- 4. New employment as verified in writing by the employer.

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 taken by a parent or a person acting as an agent for the student. The student may withdraw from the College with the grade of "W" through the dates specified on pages 6 and 7 with the grade of "W" Withdrawal after this date must be approved by the Director of Admissions. 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 quarter and a grade of "F" assigned.

REGISTRATION FOR COURSES

A student whose application is filed before the application deadline for any given quarter should, prior to registration, receive notification of registration procedures. The student will be assigned an adviser who will continue to assist with his/her education program. Students are expected to complete registration on the dates announced. They must observe the procedure specified at the time. The student is not officially enrolled until he/she has completed all the requirements of registration. Registration after dates established on the calendar may be completed by presenting an acceptable reason for delay and by payment of the late registration fee. Registration delayed beyond the period established as the last date to register or add a class requires special permission from the Director of Admissions and may result in reduction of course load for the quarter.

CHANGE OF REGISTRATION

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

- Prepare a schedule adjustment form from the Admissions and Records Office.
- 2. Obtain adviser's signature.
- 3. Present the completed form to the Business Office and pay appropriate fees.
- Return two (2) copies of form to the Admissions and Records Office and 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 or the student taking a course without receiving credit.

SOCIAL SECURITY ADMINISTRATION

The Admissions and Records Office cooperates with the Social Security Administration by certifying that students eligible to receive Social Security benefits are enrolled at Roane State.

VETERANS AFFAIRS

Roane State Community College cooperates with the Veterans Administration in providing educational opportunities for veterans. The Veterans Affairs Coordinator at Roane State is available for help in determining eligibility, selection of a major, preparing the required forms for VA benefits, or any other matters pertaining to college attendance under the "G.I. Bill." Veterans who have not completed high school or who do not have a high school equivalency diploma should contact the Veterans Affairs Coordinator for help in planning their program of study for admission to Roane State.

Veterans desiring to attend Roane State under any of the educational assistance laws administered by the Veterans Administration should contact:

Veterans Affairs Coordinator Room C-9 Roane State Community College Harriman, TN 37748

Veterans Administration Regional Office 110 9th Avenue South Nashville, TN 37203

Once enrolled, veterans and other eligible persons should maintain close contact with the Veterans Affairs Office. Information is frequently received from the Veterans Administration which is important for personal and educational plans.

Veterans and other eligible persons are eligible to receive educational benefits under Title 38, U.S.C., (The "G.I. Bill") only when classified as a regular degree student or adult special veteran student. Other classifications, i.e., special student-credit and special student non-credit (see pages 33 and 34), are not qualifying. The progress of each Adult Special Veteran student will be evaluated at the end of each quarter. Those students making satisfactory progress as reflected by class attendance and participation, grades achieved, and the opinions of the respective teachers will be retained in the program. Those making unsatisfactory progress will be excluded from the program. Those who demonstrate ability to carry the college level courses required by their major will be admitted as regular degree students.

Current Veterans Administration regulations require that veterans classified as regular degree students maintain the prescribed cumulative GPA listed on page 39. In addition, the Veterans Administration limits the enrollment of a veteran to eight full-time quarters for those majors requiring 99 hours. Additional quarters are allowed for those majors requiring more than 99 hours.

Courses for which the veteran and other eligible persons have received a passing grade, either at Roane State or transferred from another institution, may not be claimed for pay the second time. Courses in which the veteran and other eligible persons receive a grade of "F" may be repeated and claimed for pay. Elective hours beyond those allowed by the curriculum of the declared major or courses taken for audit may not be claimed for pay. Only those courses which count toward the veteran's declared major may be claimed for pay. A claim form for such courses must be completed each quarter and filed with the Veterans Affairs Office. Course substitution must be processed and approved as described on page 58 before the substituted course is claimed for payment.

Educational benefits will be terminated for those courses in which the veteran and other eligible persons have excessive, unexcused absences. This does not affect the right of the student to continue attending the course, provided he/she has been properly enrolled. Veterans and other eligible persons desiring tutorial assistance, remedial courses, and other special assistance provided by the G.I. Bill should contact the Veterans Affairs Office.

Veterans and other eligible persons desiring educational benefits under the "G.I. Bill" must file a claim form with the Veterans Affairs Office at the time of pre-registration each quarter. The claim form must be adjusted to reflect any further changes in the class schedule.

Further information is available at the Veterans Affairs Office.

GED TEST

Adults who have not received a high school diploma and wish to apply for a certificate of equivalency may take the General Educational Development Test at Roane State Community College, which has been established as an official center for this test. A counselor will explain requirements for taking the test and will assist applicants in the preparation of necessary application forms.

Satisfactory scores on the test enable the person to apply to his/her high school for an equivalency diploma. Persons who feel inadequately prepared to take the GED test can obtain assistance by taking a course entitled GED Preparation for High School Equivalency Diploma at the college.

ACT TEST

Roane State Community College serves as an area test center of The American College Testing Program (ACT). Tests are given on each of the national testing dates.

CLEP

The College-Level Examination Program (CLEP) gives students the opportunity to obtain college credit by examination. For information concerning CLEP at Roane State, contact the Counseling Center.



Student Services

Student Services comprise all the non-instructional services which Roane State Community College provides for its students. These services include academic, social, vocational and personal counseling, as well as financial aid, health services, and transfer assistance.

ORIENTATION FOR STUDENTS

All new students meet at the time indicated on the calendar for the orientation program. One purpose of orientation is to introduce students to administrative officers and other student leaders. Another purpose is to help acquaint students with the campus and its facilities. The orientation activities are coordinated by the Student Personnel Services Office and are executed with the assistance of faculty members and Student Government Personnel.

COUNSELING AND TESTING CENTER

The Counseling Center 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 counselors who provide services for a wide range of problems—educational, vocational and personal.

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 courses in human development.

Situations which cause students undue concern may disrupt their interpersonal relations and affect academic achievement. The Counseling Center provides the assistance and atmosphere to work through these problems.

Counseling may include aptitude, interest, achievement or personality tests as requested by the student. The Counseling Staff may also assist the student in securing services outside the College.

A collection of occupational information materials and catalogs from various institutions is available in the center for student use.

PLACEMENT SERVICE

The Placement Office provides assistance in securing positions for students and graduates of RSCC and maintains contact with alumni, business and industrial clients.

Candidates for a degree are required to file a personal data sheet with the Placement Office prior to graduation. It is recommended

that this be completed at the time an Intent to Graduate form is filed with the Office of Admissions and Records.

The Placement Office also aids students in finding full-time, part-time, or summer employment. Students who are seeking employment are encouraged to visit the office which is located in the Student Personnel Offices.

HEALTH SERVICES

The health and safety of students is a concern of the Student Personnel Services Office, and the requirement of a health examination prior to entrance is enforced. A clinic is maintained for student use in case of illness or accident occurring during the school day. A registered nurse is in charge to administer first aid and palliative treatment in minor illnesses. A local physician, designated as the college doctor, will be available for major problems. Since the College does not collect a medical fee, each student is responsible for his/her medical bills. Appointments with the director of the clinic can be made for interviews concerning special health problems. Instruction in personal health is given in appropriate health courses.

STUDENT ACCIDENT AND SICKNESS INSURANCE PLAN

This plan provides protection 24 hours per day during the term of the policy for each student insured. Students are covered on and off campus, at home, and while traveling between home and school during interim vacation periods. Coverage is extended to provide up to 48 hours of actual travel time while enroute between home and school prior to the opening of school.

Application and claim forms may be obtained in the office of the Dean of Student Personnel Services.

TRAFFIC REGULATIONS

Registration of vehicles. All motor vehicles operating on the Roane State Community College campus must be properly registered. Vehicle registration should be completed during the process of academic registration and the sticker procured prior to payment of fees. This campus sticker must be displayed in the manner prescribed in the instructions given each registrant. If late registration is necessary, details may be obtained from the Office of the Dean of Students.

Detailed regulations are contained in the "Student Handbook." It shall be the student's responsibility to familiarize himself/herself with these regulations and to abide by them.

HOUSING

Under State Board of Regents policy, Roane State Community College assumes no responsibility for student housing. This institution is primarily a commuting college and has no dormitories, fraternity or sorority houses. The local news media and real estate agencies are able to provide comprehensive listings of rental housing available. Individual students are responsible for making arrangements to rent these facilities from owners or their agents. Students are required to register local addresses in the Admissions and Records Office for location purposes. Any change of address must be reported to the Admissions and Records Office. Failure to report a change of address subjects the student to disciplinary action.

SOCIAL RETENTION STANDARDS

A student who fails to conduct himself/herself in an acceptable way may receive disciplinary dismissal; or, if the proper committee sees fit, he/she may be placed on disciplinary probation for an indefinite period of not less than one quarter. A student on disciplinary probation must meet stated requirements of his/her probation and be again reviewed by the committee before being removed from disciplinary probation standing.

STUDENT FINANCIAL AID

The Student 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, part-time employment, grants and loans. Major emphasis is placed upon financial need, academic achievement, character and promise of future success.

When determining financial need the evaluating committee will consider all the financial resources of the student and the family as well as any special problems. Although the College will assist all qualified students as resources permit, this aid should be viewed only as supplementary to the efforts of the family and student.

SCHOLARSHIPS

State Board Work Scholarships

State Board Work Scholarships are authorized by the Tennessee State Board of Regents, the governing body of the state community colleges. These scholarships pay the registration fee for the academic year and are awarded on the basis of scholastic achievement and need. Students ranking in the upper 5% of their high school graduating class will be given priority in awarding

these scholarships. Students ranking in the upper 25% of their graduating class are eligible to apply. Recipients of scholarships as freshmen may qualify annually for renewal provided they maintain a grade point average of 2.8 for the academic year.

Since state funds are used for State Board Scholarships, recipients are required to work four hours per week. In general, students are given work assignments related to their major academic interest. Only residents of Tennessee are eligible for the State Board Work Scholarships. Applications should be submitted after the close of the first semester of the senior year of high school and before the following June 1.

Private Scholarships

Roane State has established a limited number of private scholarships. In selecting recipients for these scholarships, emphasis is placed on scholastic achievement, character, future promise and financial need.

These scholarships are:

Bernard Scholarship Award

Harriman Rotary Club

Insurors of Anderson County

Insurors of Oak Ridge

Kingston Lions Club Optometry Scholarship

Phil Ressegive Memorial Scholarship

Roane Choral Society

Roane County Council of Home Demonstration Club Scholarship Roane State Community College Academic/Leadership Scholarships

Roane State Veterans Club Scholarship

Rockwood Business and Professional Women's Club

Additional scholarships will be established as interested groups and individuals make arrangements with the College. Individuals or groups interested in establishing a scholarship fund are advised to contact the Director of Student Financial Aid.

Athletic Scholarships

The College annually awards a number of athletic scholarships. For detailed information contact the Director of Athletics.

Army ROTC Scholarships

The Army ROTC Scholarship program offers financial assistance to outstanding young men and women in the ARMY ROTC program who are interested in the Army as a career. Each scholarship provides for free tuition, textbooks, and laboratory fees in addition to a subsistence allowance of \$100 per month for the period that the scholarship is in effect. Scholarships may be awarded for either one, two, three or four years. High school seniors should contact their

guidance counselors early in November or December of their senior year to apply for the four-year scholarship. One, two and three year scholarship applicants should contact the Director of Student Financial Aid or the ROTC Instructor for further information. Certain other privately financed scholarships and grants are available to ROTC cadets.

GRANTS

Basic Educational Opportunity Grants

This is a direct grant (no repayment or work requirement) from the federal government based primarily on the family's finanical situation. The amount of the grant ranges between \$226 and \$888 for the school year and may be used for expenses related to attending Roane State. Such expenses include fees, books, transportation, room and board, and other related expenses.

Application forms are available from the College or from high school guidance offices.

Supplemental Educational Opportunity Grants

Federal funds are available to colleges and universities for the purpose of providing grant assistance to undergraduate students of exceptional financial need who would not, except for the grant, be financially able to attend college.

Supplemental Educational Opportunity Grants must be matched in equal amounts by other financial aid provided by the college. The grant will be matched with other scholarship aid, loans, or student employment.

Applicants for Supplemental Educational Opportunity Grants must be enrolled or accepted for enrollment and show evidence of academic or creative promise and capability of maintaining good standing.

Grants may be renewed from year to year for the first four years of undergraduate study provided the student continues to make satisfactory academic progress. All students who apply for financial assistance are automatically considered to determine if they meet the requirements to receive a Supplemental Educational Opportunity Grant.

Tennessee Student Assistance Award

In 1971, the Tennessee Student Assistance Corporation was created to administer the Tennessee Student Assistance Award Program. Under this program, Tennessee residents who need financial assistance may receive a grant to cover tuition and fees at the college of their choice in the state.

Application forms may be obtained from high school guidance offices, college financial aid offices, or by contacting:

Tennessee Student Assistance Corporation 707 Main Street Nashville, TN 37206

LOANS

National Direct Student Loans

National Direct Student Loans, previously known as National Defense Student Loans, are available to students through funds provided jointly by Roane State Community College and the Federal Government.

These are long-term, low-interest loans on which repayment does not begin and interest does not accrue while the borrower is enrolled as a student, on at least a one-half time basis, at a college or university. Repayment of principal and 3% annual interest begins 12 months after the student leaves college.

There are cancellation provisions of the National Direct Student Loan under which a student may have up to the total amount of the loan cancelled by teaching in special education, in certain schools with a high enrollment of students from low-income families or in Head Start programs.

Federally Insured Student Loans

Under this program, sponsored jointly by the Federal Government and the State of Tennessee, a Tennessee resident may receive long-term, low-interest loans from a participating bank or other lending institution to apply toward expenses related to education.

Repayment, at 7% simple interest, begins 12 months after graduation or withdrawal from school. During school, the interest is paid by the federal government if the family's annual adjusted gross income is less than \$15.000.

Loans are usually made by the student's hometown bank. For application forms and information concerning the names of lending institutions which participate in the program, contact the Financial Aid Office of the College or the Tennessee Student Assistance Corporation, 707 Main Street, Nashville, TN 37206.

RSCC Short-Term Loans

Under this program, a student may borrow up to \$40 for unexpected kinds of expenses to be repaid within 30 or 60 days.

PART-TIME EMPLOYMENT

College Work-Study Program

Under the College Work-Study Program, funded jointly by college and federal funds, students may work on a part-time basis in order to help finance their education.

Students who qualify for participation in this program may work up to 20 hours per week during the academic year and up to 40 hours per week during holiday or vacation periods, at a minimum of \$2.30 per hour.

Types of employment cover work opportunities in areas such as the library, laboratories, maintenance, faculty and administrative offices. Opportunities are also available off-campus in schools, hospitals, recreational facilities and other non-profit organizations.

Other Employment Opportunities

The College maintains contact with a number of businesses and industries in the area for the purpose of assisting students in locating part-time employment outside the College Work-Study Program.

HOW TO APPLY FOR FINANCIAL AID

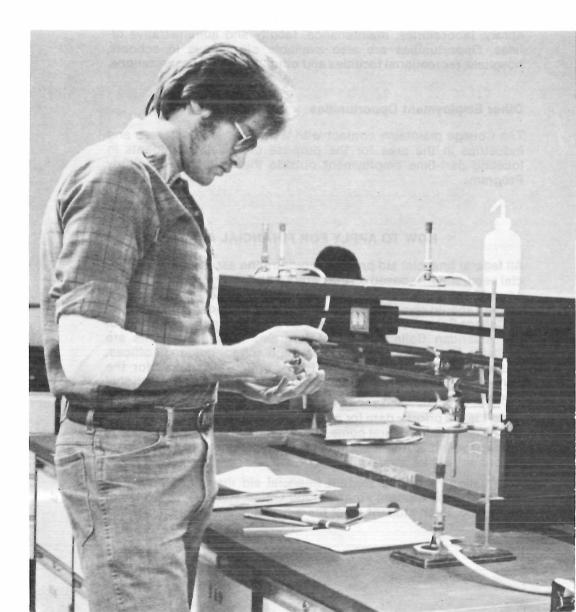
All federal financial aid programs require the assessment of financial need, which is based on the parental ability to contribute toward educational expenses. In addition to the College's application, a student should complete either the Parents' Confidential Statement of College Scholarship Service or the Family Financial Statement of the American College Testing Program. These two forms are available from the College or from high school guidance offices. Students may use the ACT or PCS form to also apply for the Tennessee Student Assistance Award and the Basic Educational Opportunity Grant.

June 1 is the priority date for applying for aid. After this date money will be awarded on a first come, first served basis as long as there is money available. A student must be fully admitted to the College before aid will be awarded.

Information regarding student financial aid may be obtained by contacting the Student Financial Aid Office. Renewal of aid is not automatic. Each student must file a new application each year.

CETA CONSORTIUM

In 1975, Roane State initiated a new program, funded under the Comprehensive Employment and Training Act (CETA), of training and offering financial assistance to a limited number of qualified students. The program provides academic training costs, part-time employment, and an allowance for travel to and from classes and work assignments. Based at Roane State, the program represents a consortium serving students in 42 counties at four community colleges across the state. The program is an integral part of the overall college experience and is coordinated through offices at the Roane State campus.



Activities

STUDENT ORGANIZATIONS AND ACTIVITIES

A well-rounded, integrated program of student activities is provided through student organizations. Students may choose from a variety of organizations depending upon their individual interests. These organizations include scholastic honoraries, departmental groups, service organizations, and special interest groups.

FINE ARTS

Concerts, lectures and special cultural events are sponsored by the College and the community for the enrichment of the college and community.

COLLEGE PUBLICATIONS

A college newspaper will be published during the college year and will be under the advisement of the College Publications Committee, with a faculty adviser working closely with the staff of the newspaper. The Publications Committee will select the Editor and Assistant Editor from applicants desiring to work in those positions.

CLUBS

BSU—To promote interfaith as a way of life among college students. To provide a ministry to individuals in the campus community who have need for a personal relationship with Jesus Christ or who have a need for Christian growth.

CHESS CLUB—To meet together in friendship to play chess.

DRAMA CLUB—Objective is to present plays at Roane State.

FORENSIC CLUB—Objective is to promote competition in areas of debate, impromptu, extemporaneous, and after dinner speaking.

LITERARY CLUB—Objective is to organize and help finance a literary magazine and to promote interest in the literary efforts of the students of Roane State and the surrounding community.

VETERANS CLUB—To provide a means whereby veterans can meet for social purposes and keep abreast of current legislation and regulations affecting veterans' educational benefits, and especially to provide a means for veterans to continue serving their college, community and nation.

STUDENT GOVERNMENT ASSOCIATION—Objective of SGA will be to provide opportunities for students to offer constructive opinions, thereby promoting cooperation among students, faculty and administration and working for the common good of Roane State.

ROTARACT CLUB—To develop leadership among members and provide services to the college and community.

INTRAMURAL PROGRAM

The Department of Physical Education conducts a program of activities to provide each student an opportunity to participate in organized individual and team activities. An individual's playing ability is not considered as important as his/her desire to enter into the true spirit of competition and good sportsmanship.

The intramural program includes such activities as volleyball, badminton, basketball, tennis, softball, bowling, jogging, and flag football.

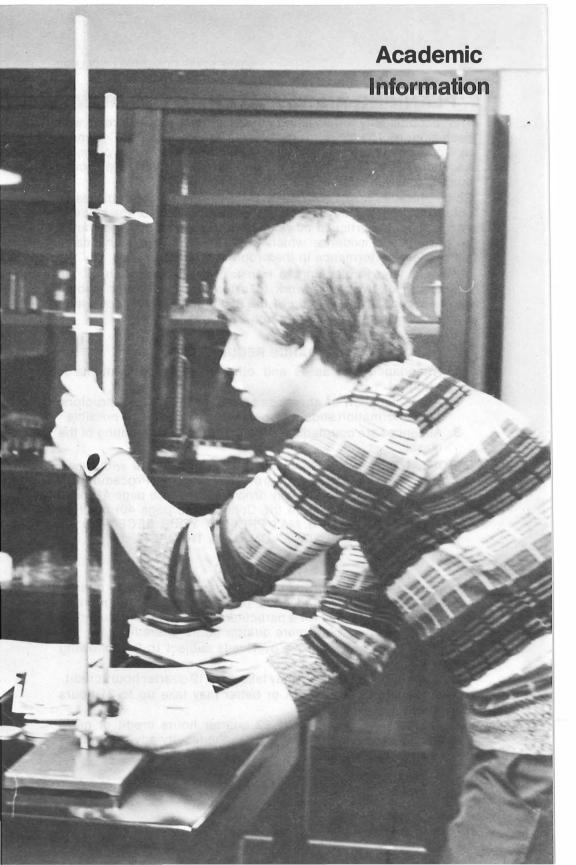
In order to be eligible each participant must (1) be a bonafide student at RSCC, faculty, or staff; (2) not be a member of a varsity, freshman, or other team competing inter-collegiately; (3) not be a professional athlete in the sport in which he/she is participating; (4) must not have won a varsity letter within the last two years at a college in the sport he/she selects.

ATHLETICS

Roane State competes in men's and women's basketball, baseball, golf, and tennis as a member of the Eastern Division Tennessee Junior College Athletic Association.

In order for a student to participate in Athletics, he/she must meet the eligibility requirements of the National Junior College Athletic Association. Any inquiries about athletics should be directed to the Department of Athletics whose offices are located in the gymnasium.

All RSCC students will be admitted to athletic contests upon presentation of a validated student identification card. Admission to games is \$1.00. Pre-school children are admitted free.



PLANNING AN EDUCATIONAL PROGRAM

The responsibility for selecting an educational program rests with each student. The faculty and counselors at Roane State Community College take pride in assisting the student in program planning and course selection. Each student will be assigned a faculty adviser to assist him/her in his/her program of study.

Some students may be required to meet further prerequisites to enter the program they select. In the best interests of the student, admission to a particular curriculum or to specific courses should be based upon evidence which would indicate a fair chance of satisfactory performance in the program or course.

A student who is planning to transfer from Roane State at the conclusion of two years work to a four-year institution should secure a copy of the catalog of the institution selected for use in planning his/her transfer program.

ATTENDANCE REGULATIONS

- 1. Attendance of classes and other official appointments is required.
- 2. An explanation of absences should be given to instructors. This information should be presented in advance if possible.
- 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 follow to formally drop a course (see page 41) or to withdraw from the College (see page 40) must be followed. IT MAY PREVENT YOUR RECEIVING AN UNDESIRED "F" ON YOUR TRANSCRIPT.

STUDENT LOAD

The average quarter hour load for a student should be 16 quarter hours of credit per term. Individual programs may require more or fewer quarter hours load for a particular term. A full-time student is one who is carrying 12 or more quarter hours of credit.

Faculty advisers may approve overloads subject to the following guidelines:

- 1. Students with a 2.5 GPA may take up to 19 quarter hours credit.
- Students with a 3.0 GPA or better may take up to 21 hours credit.
- 3. Students desiring to take 22 quarter hours credit or more should have the approval of both the faculty adviser and the Dean of Instruction.

4. Any exceptions to the above guidelines should have the approval of the Dean of Instruction.

GRADING SYSTEM

The following grading system is used at Roane State Community College:

Grad	de	Quality Points Awarded Per Quarter Hour
Α	Outstanding	4
В	Above average	3
С	Average	2
D	Passing but below average	
_ F	Failing	0

The scholastic standing of a student is expressed in terms of quality point ratio. A quality point ratio is the total number of quality points divided by the total number of quarter hours attempted, less the number of hours repeated. To meet degree requirements a student must maintain an over-all quality point average of 2.00.

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

1	Incomplete
N	Audit: no grade or credit
NC	No credit—no grade
Р	In special cases, a grade of Pass may be used
R	Repeated
W	Withdrew
X	No grade reported

The grade "I" indicates that the student was passing at the end of the quarter but has not completed all 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. This "incomplete" must be removed during the succeeding quarter. Courses attempted which are incomplete are reflected on the academic record as hours attempted for which there is no credit established. This in turn affects the quality point average in the same manner as a failing grade. Should the "incomplete" not be removed, the quality point average will continue to reflect the "I" as a failing mark and will be interpreted as such

At the discretion of the Dean of Instruction, selected courses may be offered using a pass-fail grading system. A "P" indicates a passing grade in such cases. Students would receive 2.00 quality points per credit hour for a "P" and no quality points for an "F." In all cases, the student would have the option of being graded by pass-fail, or the standard "A, B, C, D, F" method.

Repeated Courses

A student may repeat a course upon approval of his/her faculty adviser. The grade received in repeating the course supersedes all previous grades and is credited in the quarter in which the course is repeated.

In order that grade point averages may be adjusted appropriately, the student repeating a course must file a course repeat form with the Office of Admissions and Records.

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.

Course Substitutions

Course substitutions require the approval of the student's adviser, the Division Chairperson, and the Dean of Instruction. A form forthis approval is available from the Office of Admissions and Records and must be processed prior to registering for the course in question.

OBJECTIVES OF THE CURRICULUMS

The two-year programs of study available at Roane State Community College are described in the following pages. The four objectives of the curriculums are (1) to prepare students for advanced standing in other colleges and universities after successfully pursuing a Roane State Community College program; (2) to prepare students for entrance to certain professional schools whose admission requires one or two years of college experience prior to enrollment; (3) to offer a continuity of courses to give students an opportunity to explore interests and abilities in several fields of study so that they may plan more realistically for the continuation of their education; and (4) to prepare students to enter technological areas which require additional education beyond high school.

Students planning to transfer into special programs at senior institutions should work with the faculty adviser, using the appropriate check sheet of the institution to which they will be transferring.

DEGREES OFFERED

Roane State Community College awards the Associate of Arts Degree and the Associate of Science Degree. (A Certificate of Proficiency may be awarded to a student who completes any prescribed program of less than an Associate Degree.)

GENERAL DEGREE REQUIREMENTS

The general requirements for an Associate Degree at Roane State Community College are as follows:

- 1. Not less than 99 quarter hours of credit.
- 2. A minimum of 36 of the final 48 quarter hours of course work completed in residence at Roane State Community College.
- A minimum over-all quality point average of 2.00 ("C") on all work attempted at Roane State Community College. In no case may transferred grades be used to raise the student's quality point average on courses taken at Roane State Community College; his/her average on all courses here must be "C" (2.00 or better).
- Completion of specific course requirements as given in outlined Programs of Study. (Substitutions in programs must be approved by the Dean of Instruction.)

CORE CURRICULUMS

The general (transfer education) core curriculum below is for students primarily planning to transfer to senior institutions immediately upon graduation from Roane State Community College. The career education core curriculum below is primarily for students planning immediate employment upon graduation. The minimum expectation for graduation in a particular program is outlined on the following pages of the Degree and Certification Programs section.

The establishment of two core curriculums for Roane State Community College provides flexibility for the "undecided major" student to change course objectives and to redirect his/her academic pursuits without undue penalty and hardship. The two cores are as follows:

GENERAL CORE CURRICULUM

Area of Study English Composition	Minimum Quarter Hours Required
English Composition	9
Humanities (To include six hours of lit	erature) 12
American History	9
Natural/Physical Science ¹	
Mathematics	
Physical Education Activities ²	

¹Requirement must be met from the same sequence. Student may select Biology, Chemistry, Geology, Natural Science, or Physics.

²Students completing a majority of their courses in the evening or at off-campus locations may be exempt from the physical education requirement. A petition for exemption must be filed with the Office of Admissions and Records.

CAREER EDUCATION CORE CURRICULUM

	Minimum Quarte
Area of Study	Hours Required
American History	
Humanities (To include six hours	
Physical Education Activities ¹	

GRADUATION

All students must complete the general requirements as prescribed by the College and specific requirements set forth for the Associate Deree sought. Each student must file an Intention to Graduate form in the Office of Admissions and Records before the beginning of the quarter in which the student expects to graduate.

Graduation exercises are held only at the end of the spring quarter. Students who anticipate completing their work during the current calendar year, whose grade point average is sufficient for graduation, and whose names appear on the official graduation roster, may take part in graduation exercises.

DEFERRED GRADUATION

A student is permitted to graduate under a catalog under which he/she entered a program or under the catalog in effect at the time of graduation, provided that not more than five years have elapsed in the interim. If more than five years have elapsed, then the student must meet the requirements of the catalog in effect at the time of graduation.

GRADUATION WITH DISTINCTION

Students who have fulfilled all graduation requirements, who have completed a minimum of forty-five quarter hours at Roane State Community College prior to their final quarter, and who have been in residence for a minimum of three quarters prior to their final quarter are eligible for designation as honor graduates. Those who have a quality point average of 3.25 and less than 3.50 will be graduated Cum Laude; those who have a quality point average of 3.50 and less than 3.80 will be graduated Magna Cum Laude; those who have a quality point average of 3.80 or above will be graduated Summa Cum Laude.

A transfer student, in order to be eligible, must have made the required average on all work taken at Roane State Community College and must, in addition, have an overall average

¹Students completing a majority of their courses in the evening or at off-campus locations may be exempt from the physical education requirement. A petition for exemption must be filed with the Office of Admissions and Records.

which meets the honors requirements; the final average may in no instance be higher than that made at Roane State Community College. All grades for courses accepted for credit must be averaged in the grade point average to determine the honors graduation eligibility.

DEAN'S LIST

The Dean's List is the official medium for the institution to recognize outstanding academic accomplishment by students. Provision is made for recognizing full-time students who obtain the required quality point average for this honor.

Full-Time—12 Credit Hours or more with 3.25-4.00 average.

LIBRARY

The library serves, primarily, the students and faculty of the college and, secondarily, members of the surrounding communities. In its collection of books, periodicals, microfilm, recordings, and other audio/visual material the library makes available resources to support the curriculum and to provide for recreational reading.

Hours are 7:45 a.m. to 10:00 p.m. Monday through Thursday and 7:45 a.m. to 5:00 p.m. on Friday. Special additional hours will be announced. Members of the library staff are available whenever assistance is needed.

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 with renewal privilege. No fines are charged for overdue books, but all overdue books are subject to recall at any time by the Librarian. Borrowers are responsible for replacement of lost or damaged materials.

Interlibrary loan service is available to all patrons so that material not owned by the Roane State library may be borrowed from another library. Information is available from any member of the library staff.

Gifts to the library are welcomed. However, the library staff reserves the right to (1) evaluate the usefulness of the gift prior to its acceptance, (2) use the gift in any manner that will be most beneficial to the library and (3) at the discretion of the Librarian, discard any gift that is no longer useful. The Librarian welcomes recommendations on the purchase of new material from both students and faculty.

LEARNING LABORATORY

The main purpose of the Learning Lab is to personalize instruction by providing unique and individualized learning situations for all students. This room contains the latest equipment in audio-visual techniques including tape-recorders, slide viewers, film strip and film loop viewers and computer-assisted instruction. These resources are available for use by all Roane State students, faculty and staff.

The Learning Lab is located in C-225 next to the computer center. Hours are posted on the door each quarter.

DIVISIONS OF INSTRUCTION

Education

Developmental Studies

Education Health

Physical Education

Reading

Humanities

Enalish Journalism Language

Music Philosophy Speech

Mathematics and Science

Natural Science Biology

Chemistry **Physics** Mathematics Geology

Social Science

Geography History Political Science

Psychology Sociology

Career Education

Business and Commerce Fire Science Coal Mining Technology Medical Records Computer Science Military Science Cooperative Education Police Science Dietetics

Radiologic Technology

Recreation **Economics**

Secretarial Science Electronics

Engineering Technology

CONTINUING EDUCATION PROGRAM

Roane State Community College is dedicated to the philosophy that education is a never-ending process; it continues throughout the lifetime of an individual. Thus, the college makes every effort to offer the advantages of at least part of its total program to every person in the community who can benefit from the experience. Continuing Education includes courses from the five divisions of instruction in the college and is an integral part of the total academic program of the college.

Evening Courses

The evening program at Roane State Community College is more than a separate series of night classes designed for students beyond the traditional college age. The College instead offers a full selection of courses from 8:00 a.m. until 9:15 p.m., enabling students of all ages to schedule classes at times convenient and suitable to their needs. Roane State Community College believes that the resulting association of older students, having a background of work and life experiences, with recent high school graduates is mutually beneficial.

Two full years of college training can be completed during the evening, and the requirements can be met for many of the Associate of Arts or Associate of Science Degrees. Evening students must meet the same degree requirements as those attending day classes (with the exception of physical education, which may be waived under certain conditions). Experienced advisers and counselors are available to those evening students desiring help in planning a degree or a certificate program.

Off-Campus Courses

Roane State Community College also offers both day and evening classes in many locations throughout its service area. Classes are offered in off-campus locations for the benefit and convenience of students in its large service area, giving many students a chance to continue their education who would otherwise be unable to because of time or travel restrictions. These classes are staffed by qualified instructors from the academic divisions of the college and are of equal quality to the same courses on campus. Nearly all courses offered on campus can also be offered off-campus, with the exception of certain courses requiring special equipment. Most of the requirements for many Associate of Arts or Associate of Science Degrees can be completed at off-campus locations. Experienced advisers and counselors are available to off-campus students desiring help in planning a degree or a certificate program.

COMMUNITY SERVICES PROGRAM

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, to comply with business or industrial opportunities and/or requirements, for specific technological information and for general cultural benefits. Students taking courses for non-credit 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 such activities as lectures, clinics, short courses, conferences, forums, concerts, fine art festivals, workshops, institutes, community utilization of college facilities, 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 their organization or to our community.

All inquiries in the area of community service non-credit courses should be directed to:

Director of Community Services Roane State Community College Harriman, Tennessee 37748

Inquiries concerning credit courses should be directed to:

Director of Admissions and Records Roane State Community College Harriman. Tennessee 37748

CAREER EDUCATION

The expanding economy and the increased emphasis upon scientific research and development have brought about an ever increasing demand for the well educated person to work with and under the supervision of the scientist, the engineer, the doctor, and the management of the business world. The responsibilities of this person, educated in the broad spectrum of the technologies, will continually be confronted with the acquisition of new competencies as this nation becomes more industrialized and new job classifications emerge. These new jobs are requiring education at the college level.

The gap between the skilled craftsperson and the professionally trained person has become more pronounced. Communication between these two areas is becoming more and more difficult. The semi-professional person, educated in the technologies, will bridge the existing gap. He/she may work with the scientist or engineer as a laboratory assistant or on some special assignment involving the

skills of the skilled craftsperson. He/she may work with the medical profession as a technically trained person in the many areas that now exist in medical science. He/she may work as a specialist in the complex business areas.

The career education programs at Roane State Community College are in the areas of accounting technology, administration technology, coal mining technology, computer science technology, dietetic technology, electronics technology, engineering technology, fire science technology, general business administration, general clerical, management and supervision technology, medical record technology, police science, radiologic technology, recreation management, and secretarial science. The programs are constructed so that the student may seek employment at the completion of his/her program or transfer to a four year institution for upper level training.

TRANSFER PROGRAMS

College transfer curriculums are designed for students who intend to transfer to senior institutions. A student who is planning to transfer from Roane State Community College to a four-year institution should secure a copy of the catalog of the four-year institution selected and have it available during the registration period for use in planning his/her transfer program.



SUMMARY OF PROGRAM OFFERINGS

DIVISION	MAJOR	OPTION WITHIN MAJOR	DEGREE
Humanities	General	Art	AA
		General	AA
Humanities		Music	AA
Social Science		Social Science	AA
Humanities	General	Art	AS
Education		Art Education	AS
Math/Science		Biology	AS
Career Education		Business Administration	AS
Education		Business Education	AS
Math/Science		Chemistry	AS
Education		Early Childhood Education	AS
Education		Elementary Education	AS
		General	AS
Education		Health, Physical Education and Recreation	AS
Math/Science		Mathematics or Physical Science	AS
Education		Music Education	AS
Math/Science		Pre-Engineering	AS
Math/Science		Pre-Med, Pre-Dentistry, Pre-Pharmac	
Math/Science		Pre-Nursing	AS
Education		Secondary Education	AS
Social Science		Social Science	AS
Education		Special Education	AS
Career Education		Technology	AS
Career Education	Coal Mining Technology		AS
Career Education	Computer Technology		AS
Career Education	Dietetic Technology		AS
Career Education	Electrical and Electronics		AS
Corner Education	Technology	Chamiaal Engineering	
Career Education	Engineering Technology	Chemical Engineering	AS AS
Career Education		Civil Engineering	AS
Career Education		Electrical Engineering	
Career Education		Mechanical Engineering	AS AS
Career Education	Consul Business Admin	Nuclear Engineering	
Career Education	General Business Admin.		AS AS
Career Education	General Clerical		–
Career Education	Secretarial Science		AS
Career Education	Accounting Technology		AS
Career Education Career Education	Fire Science Technology Industrial Management and		AS
	Supervision Technology		AS
Career Education	Medical Record Technology		AS
Career Education	Operating Engineering Technology		AS
Career Education	Police Science		AS
Career Education	Radiologic Technology		AS
Career Education	Recreation Management Technology		AS
Career Education	Drafting and Design	Cer	tificate
Career Education	Surveying		tificate
Career Education	Electronics		tificate
Career Education	General Clerical		tificate
		001	

COOPERATIVE EDUCATION PROGRAM

Cooperative education assumes the concept that work experience should be an integral part of the student's total education. The opportunity to engage in productive employment under the competitive conditions of life in a realistic adult environment can provide the student with insights that enrich the educational experiences. Practical experience offered at a time when the individual is at the peak of learning capacity adds relevance to education. Cooperative education integrates classroom learning and work experiences into a total learning program.

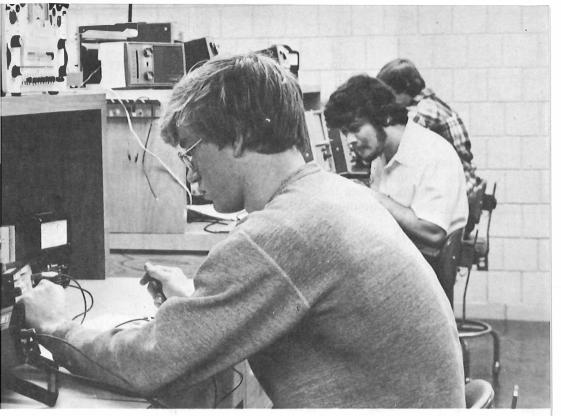
Cooperative education applies to both the transfer curricula and the Career Education curricula. The only difference is the time phasing of the work experiences into the learning program and some administrative details. In both cases the student must complete the same course work as the non-cooperative learning student and the work experiences are related as closely as possible to the student's curriculum.

DEGREE AND CERTIFICATION PROGRAMS

The following pages contain, in outline form, the degree and certificate programs of study and the summaries of required hours for all of the programs mentioned above.







Degree Programs/Courses of Study



TRANSFER PROGRAMS

ASSOCIATE OF ARTS/SCIENCE

This program is designed for students who desire to transfer to a four-year institution. With the addition of one of the options listed, this program meets the requirements for the associate degree at Roane State Community College.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title	Quarter Hours
	CORE REQUIREMENTS	
ENG 1010, 20, 30	Composition I, II, III	
HIS 2110, 20, 30	Physical/Natural Science ³ Survey of American History I, Physical Education Activity .	
		TOTAL 48

If not specified in option selected, student may choose from any courses offered in Humanities Division.

ART OPTION

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 technique and creative expression. An art major planning to transfer to a senior institution should plan a program to meet specific requirements of the lower division at the chosen institution. The art department reserves the right to retain student work for exhibition.

 $^{^{2}\}mbox{If}$ not specified in option selected, student may choose any mathematics course offered.

³If not specified in option selected, student may choose any science sequence. Requirement must be met from the same sequence.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
ART 1110, 20, 30	Basic Studio I, II, III	9
ART 2010, 20, 30	Art History Survey I, II, III	
	Art Electives	
SPE 2410	Basic Speech Communication	3
	Social Science	6
	Electives ¹	12
		-
	Option Sub-total	51
	Core Requirements	48
		(.)
	TC	OTAL 99

¹To include nine hours of foreign language for an Associate of Arts Degree.

ART EDUCATION OPTION

The art education curriculum is designed for a student who plans to complete a baccalaureate degree in art and who desires to receive a certificate to teach art in elementary or secondary school.

SUMMARY OF REQUIRED HOURS

	SUMMANT OF REQUIRED HOURS	
Catalog Number	Course Title	Quarter Hours
ART 1110	Basic Studio I	
ART 1810	School Art	
ART 2010, 20, 30	Art History Survey I, II, III	
EDU 2010	Introduction to Education	3
HEA 2210	Personal Health	
MAT 2310, 20	Concepts of Mathematics I, II	6
PSY 1010, 20	General Psychology I, II	
PSY 2210	Educational Psychology	3
SPE 2410	Basic Speech Communication	3
	Art Electives	
	Social Science Electives	
	Sophomore English (In addition to	
	core requirements)	3
	Electives	
	2.000.00	
	Option Sub-total	60
	Less the courses which are	
	in the core requirements	
	Core Requirements	48
	22.2	

TOTAL 99

BIOLOGY OPTION

The biology curriculum is designed for the student planning to complete the baccalaureate 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.

SUMMARY OF REQUIRED COURSES

Catalog Number BIO 1110, 20, 30 BIO 2610 BIO 2620 BIO 2630 CHE 1110, 20, 30 MAT 1110, 20, 30	Course Title General Biology I, II, III¹ Genetics Cell Biology Ecology General Chemistry I, II, III Introduction to Analysis I, II, III Social Science Electives Speech Electives²	4 4 12 9 9
	Option Sub-total Less the courses which are in the core requirements	–18
	TO1	AL 99

¹Students with at least two years of high school biology or satisfactory ACT scores may, with permission from the Math-Science Division, omit Biology 1110, 20, 30 and enter BIO 2610, 20, 30 directly (see course listings under Biology). If BIO 2610, 20, 30 are elected, CHE 2310, 20, 30 are recommended as electives.

BUSINESS ADMINISTRATION OPTION

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

²Recommended electives might include additional biology or math, geography, physics, organic chemistry, economics, or psychology.

SUMMARY OF REQUIRED HOURS

Catalog Number BUS 1010 BUS 2210, 20, 30 ECO 2010, 20, 30 MAT 1110, 20, 30 PSY 1010, 20 SOC 2010	Course Title Introduction to Business Principles of Accounting I, II, III¹ Principles of Economics I, II, III¹ Introduction to Analysis I, II, III² General Psychology I, II Introduction to Sociology Electives	9 9-10 6 3
	Option Sub-total Less the courses which are in the core requirements Core Requirements	3

¹BUS 2250 may be substituted for BUS 2230.

BUSINESS EDUCATION OPTION

The business education program includes professional studies and courses in liberal arts. Upon completion of this two-year program, the student may then transfer to a senior institution to complete the requirements for the baccalaureate in secretarial science or to teach business education.

²Or MAT 2610, 20.

Sophomore English (In addition to
core requirement)3
Shorthand I, II, III ² 0-15
Shorthand IV ² 0-5
Option Sub-total72-92
Less the courses which are
in the core requirements21
Core Requirements48
TOTAL 99-119

¹BUS 2250 may be substituted for BUS 2230.

CHEMISTRY OPTION

The chemistry curriculum will allow a student to transfer to a four-year institution and work toward a Bachelor of Science degree in chemistry or any area which has similar requirements for the first two years.

Catalog Number	Course Title	Quarter Hours
CHE 1110, 20, 30 CHE 2310, 20, 30	General Chemistry I, II, III Organic Chemistry I, II, III	
CHE 2210	Quantitative Analysis	4
PHY 2110, 20, 30	Physics I, II, III	12
MAT 2610, 20, 30	Calculus and Analytic	15
	Geometry I ¹ , II, III ²	
	Social Science Electives Electives	
	Option Sub-total	67
	in the core requirements	
	TOTA	L 100

¹Certain students may need MAT 1210 or MAT 1500 before MAT 2610.

²Taken only if student wishes to be certified in shorthand.

²MAT 2710 may be substituted for MAT 2630.

EARLY CHILDHOOD EDUCATION OPTION

The early childhood education curriculum is designed for a student who wishes to take the first two years of a program toward certification. This curriculum will meet the lower division requirements for transfer to a four-year institution granting the baccalaureate degree in early childhood education. A student may transfer to a senior college and complete requirements for state certification.

Catalog	Course	Quarter
Number	Title	Hours
ART 1810	School Art	
BIO 1110, 20, 30	General Biology I, II, III	12
EDU 1110	Introduction to Early Childhood	
	Education	3
EDU 2410	Human Growth and Development .	3
EDU 2810	Child Development From Infancy	
	Through Age Eight	3
EDU 2820	Creative Activities and Experiences	
	Young Children	
EDU 2910, 20	Prospective Teacher Cooperative	
250 2010, 20	Practicum I, II	6
EDU 2930	Field Experiences in Early Childhoo	nd Dd
2000	Education	
HEA 2310	Safety and First Aid	3
HEA 2410	Community Health	
MAT 2310, 20, 30	Concepts of Mathematics I, II, III	
MUS 1010	Music Appreciation	o
PED 2810	Tasshing Physical Education in the	
PED 2010	Teaching Physical Education in the	
PSY 1010	Elementary Schools	
	General Psychology I	
PSY 2210	Educational Psychology	
SPE 2410	Basic Speech Communication	
	Sophomore English (In addition to	
	requirement)	
	Electives	3
	Option Sub-total	/2
	Less the courses which are	
	in the core requirements	
	Core Requirements	48
	TOTAL	_ 99

ELEMENTARY EDUCATION OPTION

The elementary education curriculum is designed for a student who wishes to take the first two years of a program toward certification. This curriculum will meet the lower division requirements for transfer to a four-year institution granting the baccalaureate degree in elementary education. A student may transfer to a senior college and complete requirements for state certification.

Catalog Number ART 1010 EDU 2010 EDU 2710 GGY 1010 HEA 2210	Course Title Art Appreciation ¹	3 ls3 3
HEA 2410	Community Health	3
MAT 2310, 20, 30 PED 2810	Concepts of Mathematics I, II, III Teaching Physical Education in the Elementary Schools	ne
PSY 1010, 20 PSY 2210 PSY 2410 SPE 2410	General Psychology I, II Educational Psychology Child Psychology Basic Speech Communication Sophomore English (In addition to	
	core requirement)	3
	Option Sub-total Less the courses which are in the core requirements	
	Core Requirements	
	ТОТ	AL 99

¹Art 1810 may be substituted for Art 1010.

²The following courses are suggested as elective hours for students planning to be teacher aides or to meet specific requirements of their choice of a four-year institution.

EDU 2910, 20	Prospective Teacher Cooperative
	Practicum I, II6
GGY 1020	Physical Geography II
GGY 2110	World Regional Geography I
PED 2850	Playground Leadership

This curriculum is designed to provide an alternative in required course work for elementary education and provide a student with a terminal degree. This program will, in part, meet the lower division requirements for transfer to a four-year institution granting the baccalaureate degree in elementary education. All of the courses should benefit the student who desires employment as an elementary teacher aide.

NOTE: Each student in this program will be required to select one physical education activity course from each of the following areas: team activity, individual activity, and dance activity.

GENERAL OPTION

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 the baccalaureate at a four-year institution. Students who are interested in a profession such as law, agriculture, architecture, etc. should select this option.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title Electives ¹	Quarter Hours 51
	Option Sub-total Core Requirements	
4,	TOTAL	_ 99

¹To include 9 hours of foreign language for an Associate of Arts degree.

HEALTH, PHYSICAL EDUCATION AND RECREATION OPTION

The health, physical education, and recreation curriculum is designed to meet the needs of a student who desires to transfer to a senior institution and complete a baccalaureate degree with a major or minor in this area. This program is also designed to help a student maintain the best possible physical, mental, and social well-being. The degree program will be planned by subject area adviser in line with the state certification and the catalog requirements of the senior institution.

SUMMARY OF REQUIRED HOURS

Catalog Number BIO 1110, 20, 30 EDU 2010 HEA 2210 HEA 2310 HEA 2410 MAT 2310, 20 PED 2710 PED 2720 PED 2810 PSY 1010, 20 PSY 2210 PSY 2410 SPE 2410	Course Title Title Hour General Biology I, II, III Introduction to Education Personal Health Safety and First Aid Community Health Concepts of Mathematics I, II Introduction to Physical Education Teaching Individual and Dual Sports Teaching Physical Education in Elementary Schools General Psychology I, II Educational Psychology Child Psychology Sasic Speech Communication Recreation Electives Social Science Electives Sophomore English (In addition to core requirement) Selectives Soption Sub-total Option Sub-total Selectives Sophomore Sub-total Selectives	rs ?
	Less the courses which are in the core requirements21	
	Core Requirements	

MATHEMATICS OR PHYSICAL SCIENCE OPTION

The mathematics or physical science curriculum will allow a student to transfer to a four-year college or university and work toward a Bachelor of Science degree in mathematics, physics, or any area which has similar requirements for the first two years.

Catalog	Course	Quarter
Number	Title	Hours
CHE 1110, 20, 30	General Chemistry I, II, III ¹	12
MATHEMATICS: 28 cr	edits to be taken from the following	:28
MAT 1210	Trigonometry	3
MAT 1310	Symbolic Logic	3
MAT 1500	Pre-Calculus	5

MAT 2550 MAT 2610, 20, 30, 40 MAT 2650 MAT 2710	Probability and Statistics3 Calculus and Analytic Geometry I, II, III, IV20 Linear Algebra3 Differential Equations
PHY 2110, 20, 30	Physics I, II, III
	Option Sub-total
	 TOTAL 99

MUSIC OPTION

A music major planning to transfer to a senior institution should become familiar with the specific lower division requirements at that individual senior 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 level; 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.

Catalog	Course	Quarter
Number	Title	Hours
MUS 1110, 20, 30	Beginning Theory I, II, III	12
MUS 2010, 20, 30	Introduction to Music	
	Literature I, II, III	6
MUS 2110, 20, 30	Advanced Theory I, II, III	12
	Applied Instruction in Music	12

¹A student choosing an emphasis in mathematics may substitute a three quarter (12 quarter hour) sequence in biology.

Ensemble	
Option Sub-total	— 57
in the core requirements	
TOTAL S	— 99

¹Must be a foreign language for the Associate of Arts degree.

MUSIC EDUCATION OPTION

The music education curriculum is designed for a student who plans to complete a baccalaureate degree in music and who desires 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 level; 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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Ougston
Number	Title	Quarter Hours
EDU 2010	Introduction to Education	
HEA 2210	Personal Health	
MUS 1110, 20, 30	Beginning Theory I, II, III	12
MUS 2010, 20, 30	Introduction to Music	_
	Literature I, II, III	
MUS 2110, 20, 30	Advanced Theory I, II, III	12
PSY 1010	General Psychology I	3
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	3
SPE 2410	Basic Speech Communication	3
0 1	Applied Instruction to Major Areas	a
	Ensemble	
	Elisellible	0
	0 11 0 1 1 1 1	
	Option Sub-total	63
	Less the courses which are	
	in the core requirements	–6
	Core Requirements	48
		-

TOTAL 105

PRE-ENGINEERING OPTION

The basic pre-engineering curriculum is designed for a student desiring to earn a baccalaureate degree in any engineering field at a four-year institution. Upon the successful completion of the basic program, the student can transfer to an engineering college and major in any of these engineering fields: aerospace, chemical, civil, electrical, engineering mechanics, engineering physics, engineering science, industrial, mechanical, metallurgical, nuclear, etc.

SUMMARY OF REQUIRED HOURS

Catalog Number CHE 1110, 20, 30 ERG 1010, 20 ERG 1100 ERG 2010, 20 ERG 2110 MAT 1500 MAT 2610, 20, 30, 40 MAT 2710 PHY 2110, 20, 30	Course Title General Chemistry I, II, III Engineering Graphics I, II Introduction to Engineering Engineering Mechanics I, II Thermodynamics Pre-Calculus¹ Calculus and Analytic Geometry I, II, III, IV Differential Equations Physics I, II, III Electives	6 3 6 3 0-5 20 5
	Option Sub-total Less the courses which are in the core requirements Core Requirements	15
	TOTAL	105

¹Exceptional students may start in MAT 2610.

PRE-MEDICINE, PRE-DENTISTRY, PRE-PHARMACY OPTION

This unified basic curriculum in pre-medicine, pre-dentistry, and pre-pharmacy is designed to prepare a student for entrance into a professional school, 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. A student at Roane State Community College should consult the catalog of the university of his/her choice to determine specific requirements for admission.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title	Quarter Hours
BIO 1110, 20, 30 CHE 1110, 20, 30	General Biology I, II, III ¹	
CHE 2310, 20, 30 MAT 1110, 20, 30	Organic Chemistry I, II, III Introduction to Analysis I, II, III	
PHY 2010, 20, 30	General Physics I, II, III	12
	Social Science Electives Electives	
		-
	Option Sub-total Less the courses which are	66
	in the core requirements	15
	Core Requirements	48
	TOTA	L 99

¹Students with at least two years of high school biology or satisfactory ACT scores may, with permission from the Math-Science Division, omit Biology 1110, 20, 30 and enter Biology 2610, 20, 30 directly (see course listings under Biology). If Biology 1110, 20, 30 are elected, Biology 2610, 20 are recommended as electives. If BIO 2610, 20, 30 are elected, one year of foreign language is also recommended.

PRE-NURSING OPTION

The pre-nursing curriculum is designed for the student planning to complete the baccalaureate degree at a four-year institution. This program meets the transfer requirements of students entering the junior year of study at The University of Tennessee at Knoxville. Before entering this plan of study, the student 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 conclusion of the freshman year at Roane State.

Catalog	Course	Quarter
Number	Title	Hours
BIO 2310, 20, 30	Anatomy and Physiology I, II, III	12
BIO 2510	Microbiology	4
BIO 2610	Genetics	4
CHE 1010, 20, 30	Basic Chemistry I, II, III	12

MAT 1110 PSY 1010, 20, 30 PSY 2410 SOC 2010 SOC 2020 SOC 2030 SOC 2110 SOC 2120	Introduction to Analysis I
	Option Sub-total
	Core riequirements
	TOTAL 101

SECONDARY EDUCATION OPTION

The secondary education curriculum is designed for the student who wishes to take the first two years of a program toward certification. This option will meet the lower division requirements for transfer to a four-year institution granting the baccalaureate degree in secondary education. A student may transfer to a senior college and complete requirements for state certification.

Catalog	Course	Quarter
Number	Title	Hours
ART 1010	Art Appreciation ¹	3
EDU 2010	Introduction to Education	
HEA 2210	Personal Health	3
HEA 2410	Community Health	3
MAT 2310, 20	Concepts of Mathematics I, II ²	
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	
SPE 2410	Basic Speech Communication	
	Social Science Electives	

Sophomore English (In addition to core requirements)

Option Sub-total60
Less the courses which are
in the core requirements9
Core Requirements48
TOTAL 99

¹MUS 1010 may be substituted for ART 1010.

SOCIAL SCIENCE OPTION

The social science curriculum is designed to assist students planning to complete the baccalaureate degree at a four year institution in any one of the following areas: 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 social science faculty adviser and become acquainted with any pre-transfer requirements the receiving institution may stipulate.

	SUMMARY OF REQUIRED HOURS	
Catalog	Course	Quarter
Number	Title	Hours
SPE 2410	Basic Speech Communication Sophomore English (In addition to	
	core requirement) ¹	3
	Mathematics (In addition to core	
	requirement)	
	Humanities Electives ¹	3
	Social Science Electives	42
	Electives ¹	3
	Option Sub-total Less the courses which are	57
	in the core requirements	
	Core Requirements	48
	TOTAL	_ 99

¹Students planning to pursue a Bachelor of Arts degree should take one year of foreign language instead of 3 hours in sophomore literature, 3 hours in humanities electives, and 3 hours general electives.

²Students planning to teach mathematics should take a higher mathematics sequence.

³Electives should be concentrated in the area of certification.

SPECIAL EDUCATION OPTION

The special education curriculum is designed for a student who wishes to take the first two years of a program toward certification. This curriculum will meet the lower division requirements for transfer to a four-year institution granting the baccalaureate degree in special education. A student may transfer to a senior college and complete requirements for state certification.

	COMMAND OF HEADINED HOOMS	
Catalog Number	Course Title	Quarter Hours
BIO 1110, 20, 30	General Biology I, II, III	12
EDU 1010	Orientation to the Education of th	
	Exceptional Child	3
EDU 2410	Human Growth and Development	
EDU 2810	Child Development From Infancy	
	Through Age Eight	3
EDU 2910, 20	Prospective Teacher Cooperative	
	Practicum I, II	6
MAT 2310, 20, 30	Concepts of Mathematics I, II, III	9
MUS 1010	Music Appreciation	3
PED 2810	Teaching Physical Education in the	1e
	Elementary Schools	
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
PSY 2510	Social Psychology	
SOC 2010	Introduction to Sociology	3
SOC 2020	Social Institutions	
SOC 2110	Introduction to Cultural Anthropo	
SPE 2410	Basic Speech Communication	
	Sophomore English (In addition to	
	requirement)	
	Electives	3
	Option Sub-total	72
	Less the courses which are	
	in the core requirements	
	Core Requirements	48
	TOT	A1 00
	TOT.	AL 99

TECHNOLOGY OPTION

This program is designed for the student who plans to obtain a Bachelor of Science degree in technology or industrial education.

Catalog Number CST 1010 CHE 1110, 20 EET 1010, 1020 EET 1015, 1025 ERG 1010, 20 MAT 1050 MAT 1500 MAT 2610 PHY 2010, 20, 30	Course Title Introduction to Data Processing General Chemistry I, II	
	Technology Electives	12
	Option Sub-total Less the courses which are	
	in the core requirements	
	TOTA	L 101

CAREER EDUCATION PROGRAMS

ACCOUNTING TECHNOLOGY Associate of Science

The primary objective of the two-year Accounting Technology curriculum is to train students for employment as technicians in the field of accounting. Other objectives involve the re-training and upgrading of people already employed.

SUMMARY OF REQUIRED HOURS

Catalog Number BUS 1010 BUS 1810 BUS 1820 BUS 2210, 20, 30 BUS 2250 BUS 2310, 20 BUS 2410 BUS 2510 BUS 2520 BUS 2710, 20, 30 CST 1010 CST 1020 CST 2100 ECO 2010, 20, 30 ENG 1010, 20, 30 ENG 2820 HIS 2110, 20, 30 MAT 1110 MAT 2510 PSY 2610	Course Title Introduction to Business Business Mathematics	3 9 3 3 3 3 3 3 3 3 3 3 3

TOTAL HOURS 99

COAL MINING TECHNOLOGY (Two-Year) Associate of Science

The Coal Mining Technology program is designed to prepare students for career opportunities in the coal industry. The student must select either the deep or surface mine option, for which training is designed to prepare students for initial entrance into employment and subsequent advancement in private industry or environmental agencies requiring technically trained personnel.

SUMMARY OF REQUIRED HOURS

HIS 2110, 20, 30 MAT 1010, 20 MAT 1010, 20	CMT 1020 CMT 1210 CMT 2110 CMT 2210 CMT 2310 CMT 2510 CMT 2710 CMT 2820 ENG 1010, 20 ENG 2810 FST 1120 HEA 2310 HIS 2110, 20, 30 MAT 1010, 20	Technical Math I, II	3 3 3 3 3 3 3 3
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Sub-total 66

Catalog Number	Course Title	Quarter Hours
	Deep Mine Option	
CMT 1110, 20	Mine Operations and the Law I, II.	
CMT 1810	Mine Rescue	3
CMT 1910	Mine Hydraulics	3
CMT 1920	Mine Electricity	3
CMT 2010	Mine Section Layout	
CMT 2410	Mine Safety Management	3
CMT 2420	Mine Equipment Technology	
CMT 2430	Gas Detection	3
CMT 2820	Mine Ventilation	
CMT 2910, 20	Mine Structure: Roof Control I, II .	
FST 2020	Blue Print Reading	

Sub-total 39

TOTAL HOURS 105

Catalog Number	Course Title	Quarter Hours
Number	Surface Mine Option	riours
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	3
CET 2110, 20	Surveying I, II	8
CMT 1310	Soil Sampling and Testing	3
CMT 1410	Laws and Permits	3
CMT 1510	Reclamation Techniques	3
CMT 1610	Energy and Society	3
CMT 1710	Surface Mine Revegetation	
CMT 2610	Remote Sensing	3
CMT 2720	Fundamentals of Surface Mine	
	Engineering	3
CMT 1010	Physical Geography I	

Sub-total 38

TOTAL HOURS 104

COMPUTER SCIENCE TECHNOLOGY Associate of Science

The technical society of today is in a state of constant change brought about by automation and technological innovations. The computer is one of the greatest contributors to automation of this decade and also one of the decade's most significant technological achievements. The growth and development of the electronic computer in this decade has created many new jobs in the scientific, engineering, and business fields. The Computer Science Technology curriculum is designed to prepare students to enter into any of these computer related fields.

Two options are offered in Computer Science Technology at Roane State Community College: (1) a scientific computer option, and (2) a business computer option. The scientific option is designed for students interested in scientific and engineering applications of the computer, while the business option is designed for students interested in business data processing.

The Computer Science Technology curriculum has as its primary objectives:

(1)The task of qualifying the student for a successful career as a programmer, systems analyst, or assistant computer center manager if his/her respective option is business, through the orderly presentation of programming languages, business, and managerial courses.

(2) The task of qualifying a student for transferring to a four-year school which has a major in computer science, if he/she chooses the scientific option.

Catalog Number	Course Title	Quarter Hours
CST 1020 CST 2010 CST 2310 ENG 1010, 20, 30 MAT 1310 MAT 2510	Basic Core Introduction to Programming Computers and Society Introduction to Systems Analysis Composition I, II, III Symbolic Logic Elementary Statistics Physical Education Activities	3 9 3
	TOTAL	_ 27
Catalog Number	Course Title	Quarter Hours
BUS 1010 BUS 1810 BUS 1820 BUS 2210, 20, 30 BUS 2910 CST 2220 CST 2240 CST 2410 CST 2510 CST 2610 CST 2810	Business Emphasis Introduction to Business Business Mathematics Finance Mathematics Principles of Accounting I, II, III Management and Supervision I COBOL Programming RPG Programming Systems Analysis Advanced Computer Programming Management Information Systems Computer Organization and Programming	3
ECO 2010, 20, 30 HIS 2110, 20, 30 MAT 1050 PSY 2610 SPE 2440	Principles of Economics I, II, III Survey of American History I, II, III Algebra and Trigonometry I Psychological Aspects of Manageme Business and Professional Speaking Electives ¹	9 5 ent 3 g3
	Sub-total	74
	TOTAL	101

¹CST 2210 FORTRAN Programming is recommended.

Catalog Number		Course Title	Quarter Hours
		Scientific Emphasis	
CHE 1110,	20, 30	General Chemistry I, II, III	12
CST 2210		FORTRAN Programming	
		Sophomore English	9
CST 2220		COBOL Programming	3
CST 2250		APL Computer Programming	3
CST 2510		Advanced Computer Programming	3
CST 2810		Computer Organization and	
		Programming	
HIS 2110,	20, 30	Survey of American History I, II, III	
MAT 1500		Pre-Calculus	
MAT 2610	, 20	Calculus and Analytic Geometry I,	
MAT 2650		Linear Algebra	
PHY 2110,	20, 30	Physics I, II, III	
		Elective	3
		Sub-tota	al 78
		TOTAL	102

DIETETIC TECHNOLOGY Associate of Science

The Associate of Science degree program in Dietetic Technology and Food Service Management provides students with an opportunity to study dietetics at the college level. The curriculum combines general education and technical courses with supervised field work. This program is seven quarters in length and is designed to train dietetic technicians who can promote or improve quality food service and nutritional care for individuals in hospitals, nursing homes, rehabilitation centers, and other medical care facilities and agencies thus helping others while enjoying a satisfying rewarding career. The concept of a two-year training program for dietetic technicians is fully endorsed by The American Dietetic Association.

Catalog Number	Course Title	Quarter Hours
BIO 2310, 20	Anatomy and Physiology I, II	8
BIO 2510	Microbiology	4
BUS 1810	Business Mathematics	3
BUS 2910	Management and Supervision I.	3
CHE 1010, 20, 30	Basic Chemistry I, II, III	12

CST 1010	Introduction to Data Processing3
DFT 1010	Fundamentals of Food Service 3
DFT 1020	Food Principles3
DFT 1030	Advanced Menu Planning and Quality Food3
DFT 1810, 20	Field Experience I, II5
DFT 2110	Food Purchasing and Cost Control 3
DFT 2210	Principles of Nutrition3
DFT 2220	Therapeutic Nutrition
DFT 2310	Food Systems Administration
DFT 2410	Sanitation and Safety3
DFT 2810, 20, 30	Field Experience III, IV, V12
ENG 1010, 20, 30	Composition I, II, III9
HIS 2110, 20, 30	Survey of American History I, II, III9
PSY 1010	General Psychology I
	Physical Education Activities3
	Electives6

ELECTRICAL AND ELECTRONICS TECHNOLOGY Associate of Science

The Electrical and Electronics Technology program is intended to prepare the student to meet the needs of and to be ready for advancement in construction, manufacturing, installation and service as it applies particularly to industrial, residential and commercial activities. This course is not intended to prepare the graduate to be an engineering technician.

Catalog	Course	Quarter
Number	Title	Hours
BUS 1850	Personal Finance	3
CMT 2010	Construction Planning	
CMT 1610	Energy and Society	3
EET 1010, 20	Electric Circuits I, II	
EET 1015, 25	Electric Circuits I, II Lab	
EET 1210	Materials and Construction Pra	ctices2
EET 1310	Electronics I	3
EET 1315	Electronics I Lab	1
EET 1610	Electrical Systems Design I	3
EET 1640	Electrical Wiring	
EET 2260	Electrical Troubleshooting	
ENG 1010, 20	Composition I. II	

ENG 2820 ERG 1010, 20 ERG 1100 FST 1120 HIS 2110, 20, 30 MAT 1010, 20 MET 1110 MET 2910 NSC 1010	Technical Writing
	Physical Education Activities3 Electives

ENGINEERING TECHNOLOGY Associate of Science

The primary objectives of the Engineering Technology program are to provide students with: (1) the basic background information to understand the environment in which they will work, (2) the technical training and experience needed to be productive at job entry level, and (3) the educational foundation necessary to undertake further study. Other objectives include the re-training and upgrading of people already employed.

Engineering Technology degree options are available in Civil, Electrical, Chemical, Mechanical, and Nuclear fields. Two certificate programs related to Civil Engineering are available which are (1) Drafting and Design, and (2) Surveying.

Catalog Number	Course	Quarter
Number	Title	Hours
	Core Requirements	
CHE 1110	General Chemistry I	
CST 2210	FORTRAN Programming	3
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1100	Introduction to Engineering	3
ERG 1110	Applied Mechanics I	3
EET 1010, 20	Electric Circuits I, II	6
HIS 2110, 20, 30	Survey of American History I, II, III	9

MAT 1050 MAT 1500 MAT 2610 PHY 2010	Algebra and Trigonometry I ¹
	Sub-total 65

¹Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

Catalog Number	Course Title Chemical Engineering Technolo Option	Quarter Hours gy
CHE 1120, 30 CHE 2310, 20 CHT 2010, 20, 30 CHT 2110 CHT 2210, 20 CHT 2410 ERG 1120 ERG 2110 MET 2910	General Chemistry II, III	8 9 6 er2 3
	Sub-total	44
	TOTAL HOURS	109
Catalog Number	Course Title Civil Engineering Technology Option	Quarter Hours
CET 2010 CET 2110, 20 CET 2210 CET 2220 CET 2250 CHE 1120 ERG 2210 MET 2910	Construction Planning Surveying I, II Soil Mechanics Hydraulics Structural Analysis General Chemistry II ¹ Strength of Materials Industrial Safety Sub-tota	8 3 3 4 3 3

¹PHY 2020, General Physics II, may be substituted for CHE 1120.

Plus either of the following technical elective sequences:

CET 2310 CET 2410 CET 2510 CET 2810		Technology Sequence Concrete Technology Traffic and Transportation Technologituminous Technology Route Surveying and Highway Design	gy 3 3
		Sub-total	12
		TOTAL HOURS	107
OR			
CET 2610 CET 2620 CET 2710 CET 2720		Design Sequence Reinforced Concrete Design	ign 3 3
		TOTAL HOURS	107
Catalog Number EET 1015, 2 EET 1310, 2 EET 1315, 2 EET 2310 EET 2315 EET 2510 EET 2515 ERG 2530 ERG 1300 PHY 2020	0, 30	Industrial Electronics and Control I Lab	231343
		Sub-total	33

Plus either of the following technical elective sequences:

EET 1210 EET 2320 EET 2325 EET 2260	Electronics Sequence Materials and Construction Practices 2 Digital Electronics II
	Sub-total 9
	TOTAL HOURS 107
OR	
EET 1610 EET 1630 EET 2520 EET 2525	Power and Industrial Sequence Electrical Systems Design I
	Sub-total 10
	TOTAL HOURS 108
Catalog Number	Course Quarter Title Hours Mechanical Engineering Technology Option
CST 1010 ERG 1120 MET 1010, 20 MET 1110 MET 1210 MET 1310 MET 2910 PHY 2020	Introduction to Data Processing
	Sub-total 28
Plus either of the	following technical elective sequences:
ERG 2210 MET 2110	Design SequenceStrength of Materials

HOANE STATE COMMUNI	14 COLLEGE	97
MET 2210 MET 2310	Basic Tool Design	
	Sub-total	14
OR	TOTAL HOURS	107
MET 2410 MET 2510 MET 2610 MET 2810	Production Sequence Methods and Operations Analysis Statistics and Quality Control Plant Layout and Materials Handling Production Problems	3 4
	Sub-total Sub-total	15
	TOTAL HOURS	108
Catalog Number	Title Nuclear Engineering Technolog	Quarter Hours y
ERG 1120 ERG 2110 MAT 2620 MET 2910 NUC 1010 NUC 2010 NUC 2110 NUC 2120 NUC 2310 NUC 2510 NUC 2710 PHY 2020, 30	Option Applied Mechanics II Thermodynamics Calculus and Analytic Geometry II Industrial Safety Introduction to Nuclear Technology Nuclear Physics Radiation Biology Radiation Protection Reactor Analysis and Design Nuclear Laboratory Radioisotopes General Physics II, III	3
	Sub-total	43
	TOTAL HOURS	108

FIRE SCIENCE TECHNOLOGY Associate of Science

The Fire Science Technology program is designed to prepare students for initial entrance into employment or advancement with municipalities, industrial firms, or other employers requiring fire protection personnel. Graduates may also be employed by insurance companies as sales personnel, fire insurance adjusters, or bureau raters.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title	Quarte Hours
BUS 2910	Management and Supervision I	
CST 1010	Introduction to Data Processing	
EET 1010, 20	Electric Circuits I, II	
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1100	Introduction to Engineering	
FST 1010	Introduction to Fire Science	
FST 1030	Industrial Hazards	
FST 1110	Construction Codes and Fire	
	Protection Standards	3
FST 2110	Inspection Principles and Practices	4
FST 2120	Principles of Hydraulics	3
FST 2210	Flammable Materials	3
HEA 2310	Safety and First Aid	
HIS 2110, 20, 30	Survey of American	
	History I, II, III	9
MAT 1010, 20	Technical Math I, II	6
POL 1030	State and Local Government in the	
	Natural Science	
	Physical Education Activities	3
		-
	Sub-total	85

Select 6 of the following technical electives:

Sub-total 17 or 18

TOTAL HOURS 102-103

GENERAL BUSINESS ADMINISTRATION (Two-Year) Associate of Science

The two-year program in General Business Administration is designed to prepare the interested student in many phases of the business field. Upon graduation, the student may enter a variety of career positions in business. This curriculum provides training in a number of areas, such as advertising, banking, credit finance, retailing, insurance, and accounting. This program is for a student planning to seek employment at the end of two years.

	SUMMARY OF REQUIRED HOURS	
Catalog Number BUS 1010 BUS 1810 BUS 1820 BUS 1850 BUS 2310 BUS 2320 BUS 2410 BUS 2510 BUS 2520 CST 1010 ECO 2010, 20, 30 ENG 1010, 20 ENG 2820 HIS 2110, 20, 30 PSY 1010, 20 PSY 2610 SOC 2010 SPE 2410	Course Title Introduction to Business	33333333
Catalog	Course	Quarter

Catalog	Course Quarter
Number	Title Hours
	Small Business Emphasis
BUS 2270, 80	Small Business Accounting I, II6
BUS 2810	Salesmanship3

BUS 2830 BUS 2900	Marketing	
	Sul	o-total 15
	TOTAL H	OURS 99
Catal og Number	Course Title General Business Empha	Quarter Hours
BUS 2210, 20, 30 BUS 2250 CST 1020	Principles of Accounting I, II, I Cost Accounting Introduction to Programming	II
	Sub	o-total 15
	TOTAL H	OURS 99

GENERAL CLERICAL (Two-Year) Associate of Science

This two-year General Clerical program is designed for a student interested in an office occupation emphasizing clerical duties rather than shorthand proficiency. The wide range of courses included in this curriculum provides training for office work in a number of areas; for example—filing clerk, receptionist, typist, and numerous other general clerical job opportunities. In addition to the skills gained in typewriting and office machines, the student acquires a broad background of knowledge that will enable him/her to function more effectively in the business world.

Catal og	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 1110	Business Communications	3
BUS 1810	Business Mathematics	3
BUS 1850	Personal Finance	3
BUS 2210, 20, 30	Principles of Accounting I, II, III ¹	9
BUS 2410	Business Machines-Computational	3
BUS 2420	Business Machines-Duplication	3
BUS 2510	Legal Environment for Business	3
COE 1010	Cooperative Education I ²	3
CST 1010	Introduction to Data Processing	3
ECO 2010, 20	Principles of Economics I, II	6

ENG 1010, 20, 30	Composition I, II, III9
HIS 2110, 20, 30	Survey of American History I, II, III9
PSY 1010, 20	General Psychology I, II6
PSY 2610	Psychological Aspects of Management 3
SPE 2410	Basic Speech Communication3
SSC 1010, 20, 30	Typing I, II, III9
SSC 1210	Machine Transcription3
SSC 2010	Typing IV
SSC 2210	Office Practice
SSC 2810	Report Writing/Records Management .3
	Physical Education Activities3
	Electives6
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INDUSTRIAL MANAGEMENT AND SUPERVISION TECHNOLOGY Associate of Science

The Industrial Management and Supervision Technology program is designed for individuals who desire to be managers or supervisors in business and industry. It is a program which offers training in the basic principles of supervision such as planning, organizing, directing, controlling, and coordinating business and industrial endeavors.

BUS 1810 BUS 1820 BUS 1850 BUS 2270, 80	Course Title Introduction to Business Business Mathematics Finance Mathematics Personal Finance Managerial Accounting I, II Business Machines-Computational	3 3 6
BUS 2510	Legal Environment for Business	3
	Business Law	
	Salesmanship	
	Retailing	
BUS 2830	Marketing	3
	Management and Supervision I, II, I	
BUS 2940	Management Seminar	3
CST 1010	Introduction to Data Processing	3
	Principles of Economics I, II	

¹BUS 2250 Cost Accounting may be substituted for BUS 2230.

²Or a course approved by the Department Head.

ENG 1010, 20 ENG 2820 FST 1030 HIS 2110, 20, 30 PSY 1010, 20 PSY 2610 SPE 2440	Composition I, II
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MEDICAL RECORD TECHNOLOGY¹ Associate of Science

The Medical Record Technology program emphasizes specialized skills in the management of medical records. The medical record technician helps to provide accuracy and efficiency in the management of the patient's records. In smaller health facilities, the medical record technician is in charge of the medical record room. Application of the didactic instruction is provided through clinical experience in local health facilities. The program is accredited by the AMA Committee on Allied Health Education and Accreditation, in collaboration with the American Medical Record Association.

Catalog Number	Course Title	Quarter
		Hours
BIO 2310, 20, 30	Anatomy and Physiology I, II, III	
BIO 2350	Pathophysiology	3
BUS 1810	Business Mathematics	
CST 1010	Introduction to Data Processing .	
ENG 1010, 20, 30	Composition I, II,III	9
HIS 2110, 20, 30	Survey of American History I, II, III	9
MRT 1010, 20, 30	Medical Records I, II, III	9
MRT 1210, 20	Medical Terminology I, II	
MRT 1230	Medical Transcription	3
MRT 2310, 20, 30	Directed Practice I, II, III ²	
MRT 2410	Advanced Medical Records	3
MRT 2420	Office Supervision for the Medical	
	Record Supervisor	3
MRT 2430	Medical Records Seminar	3
PSY 1010, 20	General Psychology I, II	6
PSY 2610	Psychological Aspects of	
	Management	3
SOC 2010	Introduction to Sociology	3

SPE 2440	Business and Professional Speaking 3
SSC 1010	Typing I (or equivalent)3
	Physical Education Activities3
	Electives
	and the second s

East Tennessee Baptist Hospital—Knoxville, Tennessee

Lakeshore Mental Health Institute—Knoxville, Tennessee

Park West Hospital-Knoxville, Tennessee

Penninsula Psychiatric Center—Louisville, Tennessee

Shannondale Health Care Center-Knoxville, Tennessee

University of Tennessee Memorial Hospital—Knoxville, Tennessee

OPERATING ENGINEERING TECHNOLOGY Associate of Science

The primary objective of the Operating Engineering Technology Program is to train two-year technicians for employment in one of the four options offered: Grading and Paving Equipment Operator, Plant Equipment Operator, Heavy Duty Repairman, or Universal Equipment Operator.

Other program objectives include re-training and upgrading of employees working in one of these fields of operating engineering.

Catalog Number	Course Title	Quarter Hours
BUS 1850	Personal Finance	
EET 1110, 20	Electric Fundamentals I, II	6
ENG 1010	Composition I	
ENG 2820	Technical Writing	3
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
MAT 1010, 20	Technical Math I, II	6
OET 1010	General Introduction to Operating Engineering and History of the L Movement	
OET 1020	Introduction to General Construction	
	Power Sources	2
OET 1030	Introduction to Basic Power Trains Undercarriages	

¹Prospective students are advised to submit their request for admissions to the program as early as possible and at least prior to the summer quarter since special admission policies are required for this program.

²Contracts with the following institutions are on file for clinical experience:

OET 1040	Introduction to Basic Electricity, Hydraulics, and Pneumatics3
OET 1110, 20, 30	Apprenticeship Field Experiences I, II, III
OET 1210	Introduction to Fuels, Oils, and Lubricants2
OET 1220	General Introduction to Welding, Rigging, Soils, and Compaction 2
OET 1230	Function of Grades and Grade Stakes .2
OET 1240	Introduction to Construction
	Equipment2
OET 2540, 50	Apprenticeship Field
	Experiences IV, V18
	Physical Education Activities3
	Program Electives18
	TOTAL HOURS 108

POLICE SCIENCE AND CRIMINOLOGY EDUCATION Associate of Science

The Police Science and Criminology Education program is designed to meet the need 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.

	COMMAN OF REGULES HOOF	
Catalog Number	Course Title	Quarter Hours
BUS 2510	Legal Environment for Business .	
BUS 2910	Management and Supervision I	
CST 1010	Introduction to Data Processing .	
ENG 1010, 20	Composition I, II	
ENG 2820	Technical Writing	3
FST 1020	Municipal Fire Protection	3
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
MAT 1010	Technical Math I	3
PST 1010	Introduction to Law Enforcement	
PST 1110, 20	Police Science I, II	
PST 2010	Police Administration and Organiz	
PST 2130, 40	Police Science III, IV	
PST 2200	Seminar in Police Problems	6
POL 1010	Fundamentals of American	_
DO1 4000	Government	
POL 1020	United States National Governmen	ıt3

POL 1030	State and Local Government in the United States3
PSY 1010, 20	General Psychology I, II6
PSY 2310	Abnormal Psychology3
PSY 2420	Adolescent Psychology3
SOC 2010	Introduction to Sociology3
SOC 2020	Social Institutions3
SOC 2030	Social Problems3
SOC 2130	Introduction to Criminology3
	Physical Education Activities3
	Electives

RADIOLOGIC TECHNOLOGY¹ Associate of Science

The Radiologic Technology program prepares an individual to accept staff responsibilities associated with X-ray technology. The program requires eight quarters to cover the 2400 hours of clinical experience required by the Joint Review Committee of the American Medical Association. Intersessions of two weeks are given between the summer and fall quarters. The radiologic technology courses are offered at Cumberland Medical Center, Crossville, TN. Graduates are eligible to take the Registry Examination which certifies them as Radiologic Technologists. The program is fully acredited by the American Medical Association.

Catalog Number	Course Title	Quarter Hours
BIO 2310, 20, 30	Anatomy and Physiology I, II, III	
ENG 1010, 20	Composition I, II	6
HIS 2110, 20, 30	Survey of American History I, II, III	
RDT 1000, 10, 20, 30	Clinical Education I, II, III, IV,	
2040, 50, 60, 70		
RDT 1110	Introduction to Radiologic Technol	ogy 3
RDT 1210, 20, 30, 221	ORadiographic Positioning I, II, III, IV	12
RDT 1310, 20, 30	Radiographic Principles I, II, III	12
RDT 1410	Terminology	2
RDT 1510, 20	Radiographic Film Evaluation I, II .	2
RDT 1610, 2610, 20	Radiation Physics I, II, III	
RDT 2710, 20	Special Examinations and	
	Equipment I, II	4
RDT 2810	Radiation Protection	3
RDT 2910	Radiographic Pathology	2

RDT 2915, 25	Radiologic Technology Seminar I, II 4
SPE 2430	Interpersonal Communication
	Physical Education Activities3

Chamberlain Memorial Hospital, Rockwood

Cumberland Medical Center, Crossville

RADIOLOGIC TECHNOLOGY (For Radiologic Technologists) Associate of Science

This program is designed for the radiologic technologist who has completed two years at an A.M.A. approved hospital-based school of radiologic technology, and has passed the Registry Examination.

SUMMARY OF REQUIRED HOURS

Catalog Number BUS 1810 BUS 2910 ENG 1010, 20 HIS 2110, 20, 30 PSY 2210 PSY 2610 SPE 2430	Course Title Business Mathematics	3 6 9 3 ent 3 3
Registered	Sub-tota AMA Radiologic Technology credits TOTAL HOURS	60

¹Approved by Program Director.

RECREATION MANAGEMENT AND ADMINISTRATION TECHNOLOGY

Associate of Science

The Recreation Managemeft and Administration Technology program leadership curriculum has been designed to provide the postsecondary student with: (1) the basic background information

¹A new class is enrolled each summer quarter. Prospective students are advised to submit their request for admission to the program as early as possible and at least prior to the spring quarter since special admission policies are required for this program.

²Contracts with the following hospitals are on file for the clinical experience:

required to understand the environment within which he/she will work, (2) the broad technical training and minimum experience necessary to be a productive employee in an entry-level job, and (3) the educational foundation needed to undertake further study within the field through in-service training, professional short courses, or—to a limited extent—enrollment in a four-year program. The Recreation Management and Administration program employs a basic core of recreation courses. After taking the basic core courses, students are allowed to select an emphasis in one or more of the following career fields: Camp Administration, Park Administration, Marine Management, and Recreation Leadership.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
ART 1810	School Art	
BUS 1810	Business Mathematics	3
ENG 1010, 20, 30	Composition I, II, III	
	Biological Science ¹	
HEA 2210	Personal Health	
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
PED 2720	Teaching Individual and Dual Sport	ts3
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Managem	ent 3
REC 1010	Introduction to Recreation	3
REC 1020	Social Recreation	3
REC 1030	Outdoor Education	3
REC 1110	Team Sports	3
REC 1310	Arts and Crafts	3
REC 2010	Organization and Administration in	
	Recreation	3
REC 2310	Water Sports	
REC 2410	Field Work	3
SOC 2010	Introduction to Sociology	3
SOC 2030	Social Problems	3
SPE 2410	Basic Speech Communication	
SPE 2730	Introduction to Theatre	
	Program Electives	
	Physical Education Activities	
	The state of the s	

TOTAL HOURS 105

Students desiring an emphasis in Park Administration should take BIO 2210, 20.

SECRETARIAL SCIENCE (Two-Year) Associate of Science

The two-year program in Secretarial Science is designed to prepare a professional secretary in the many aspects of secretarial work in the modern business, medical, or legal office. Proficiency is developed in the skills of typewriting, shorthand dictation, transcription, office machines, and office management. The wide scope of courses offered in this program will provide opportunities for increased understanding of the many facets involved in the operation of business today. This curriculum is for a student planning to seek employment at the end of two years. Secretarial Science degree options are available in Executive, Medical, and Legal Secretarial fields.

SUMMARY OF REQUIRED HOURS

Catalog Namber	Course Title	Quarter Hours
Namber	Basic Core	770470
BUS 1010 BUS 1110 BUS 1810 BUS 2210 BUS 2410 BUS 2420 BUS 2510 COE 1010 CST 1010 ECO 2010 ENG 1010, 20	Introduction to Business Business Communications Business Mathematics Principles of Accounting I Business Machines-Computational Business Machines-Duplication Legal Environment for Business Cooperative Education I ¹ Introduction to Data Processing Principles of Economics I Composition I, II	3
HIS 2110, 20, 30 PSY 1010 SPE 2410 SSC 1010, 20, 30 SSC 1110, 20, 30 SSC 1210 SSC 2010 SSC 2210 SSC 2810	Survey of American History I, II, III General Psychology I Basic Speech Communication Typing I, II, III Shorthand I, II, III Machine Transcription Typing IV Office Practice Report Writing/Records Manageme Physical Education Activities	9 3 9 15 3 3 nt .3

Sub-total 90

¹Or a course approved by the Department Head.

Catalog Number	Course Title	Quarter Hours
BUS 2220 ECO 2020 SSC 2110	Principles of Accounting II	3 3
	Sub-total	11
	TOTAL HOURS	101
Catalog Number	Course Title	Quarter Hours
000 0010	Legal Secretary Emphasis	•
SSC 2310	Legal Secretary I	
SSC 2320 SSC 2330	Legal Secretary II	
	Sub-tota	9
	TOTAL HOURS	99
Catalog	Course	Quarter
Number	Title Madical Secretary Emphasis	Hours
MRT 1210	Medical Secretary Emphasis Medical Terminology I	3
MRT 1220	Medical Terminology II	
MRT 1230	Medical Transcription	
	Sub-tota	 I 9
	TOTAL HOURS	 S 99

CERTIFICATE OF PROFICIENCY PROGRAMS

CIVIL ENGINEERING—DRAFTING AND DESIGN (CERTIFICATE)

The one-year curriculum in this engineering certificate program is intended to meet the need in industry for personnel capable of entry and advancement into engineering as draftsmen who are able to assist the engineer in routine calculations and who are familiar with materials and manufacturing processes and their capabilities.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
CET 2010	Construction Planning	
CET 2250	Structural Analysis	3
CET 2610	Reinforced Concrete Design	
CET 2710	Structural Steel Design	
ENG 2820	Technical Writing	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1110	Applied Mechanics I	3
ERG 2210	Strength of Materials	3
EET 1410	Electronics Drafting I	
MAT 1050	Algebra and Trigonometry ¹	5
MAT 1500	Pre-Calculus	5
MET 1010, 20	Manufacturing Processes I, II	6
MET 2010	Piping Drafting	3

TOTAL HOURS 48

CIVIL ENGINEERING—SURVEYING (CERTIFICATE)

The one-year curriculum is intended to meet the needs to prepare the student to be more proficient in his/her ability to help the professional surveyor in the accomplishment of his/her duties.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
CET 2010	Construction Planning .	
CET 2110, 20	Surveying I, II	
CET 2210	Soil Mechanics	

¹Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

CET 2410	Traffic and Transportation Technology 3
CET 2810	Route Surveying and Highway Design .3
ERG 1010, 20	Engineering Graphics I, II 6
ERG 1110	Applied Mechanics I
ERG 2210	Strength of Materials
ENG 2820	Technical Writing3
MAT 1050	Algebra and Trigonometry I ¹ 5
MAT 1500	Pre-Calculus5
MET 1110	Materials of Industry
	<u></u>

TOTAL HOURS 48

ELECTRONICS TECHNOLOGY (CERTIFICATE)

This Electronics Technology program is intended to meet the need in industry for personnel capable of entry and advancement in the highly diversified electronics field. The one-year curriculum emphasizes the practical aspects of electronic application.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
EET 1010, 20	Electric Circuits I, II	6
EET 1210	Materials and Construction Practic	es2
EET 1310, 20	Electronics I, II	6
EET 1410, 20	Electronics Drafting I, II	4
EET 1640	Electric Wiring	4
ENG 2820	Technical Writing	3
ERG 1010	Engineering Graphics I	3
MAT 1050	Algebra and Trigonometry I	
MET 1110	Materials of Industry	3
	Natural Science Electives	8
	Social Science Elective	3

TOTAL HOURS 47

¹Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

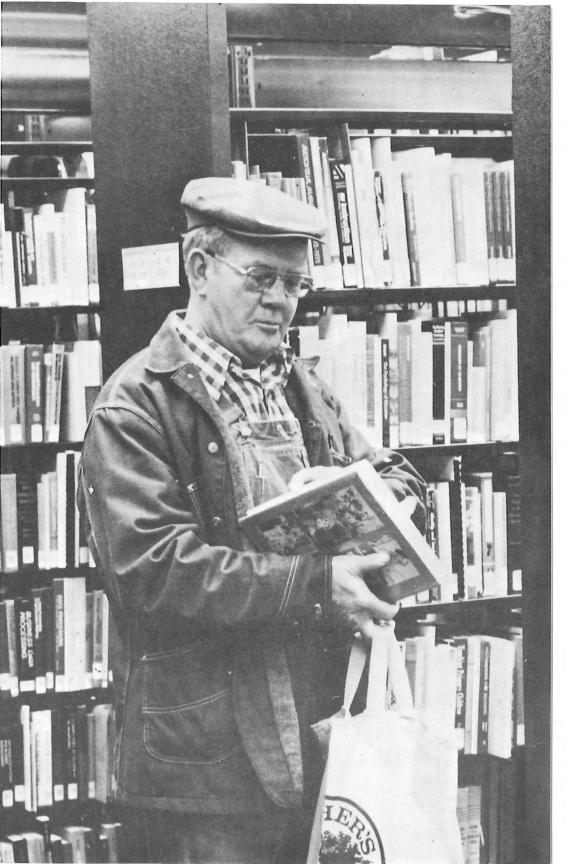
GENERAL CLERICAL (CERTIFICATE)

This one-year General Clerical program is designed for a student interested in an office occupation emphasizing clerical duties. The wide range of courses included in this curriculum provides training for office work in a number of areas; for example—filing clerk, receptionist, typist, and numerous other general clerical job opportunities.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title	Quarter Hours
BUS 1010	Introduction to Business	
BUS 1110	Business Communications	
BUS 1810	Business Mathematics	
BUS 2210, 20	Principles of Accounting I, II	6
BUS 2410	Business Machines-Computational	3
BUS 2420	Business Machines-Duplication	3
BUS 2510	Legal Environment for Business	3
CST 1010	Introduction to Data Processing	3
ECO 2010	Principles of Economics I	3
ENG 1010 -	Composition I	3
SSC 1010, 20, 30	Typing I, II, III	9
SSC 1210	Machine Transcription	
SSC 2010	Typing IV	3
SSC 2210	Office Practice	3
SSC 2810	Report Writing/Records Management	

TOTAL HOURS 54





COURSES OF STUDY

In addition to the credit courses of study in each of the following disciplines, the College also offers from quarter to quarter various special courses of study not listed. These courses are offered through the Community Services Program, and all inquiries should be addressed to the Director of Community Services.

Certain courses have prerequisites. However, in limited instances, prerequisites may be waived by the instructor and the Dean of Instruction.

In general, a course in a given discipline may be replaced by a course in the same discipline having a higher catalog number.

ART

ARI	
ART 1010—Art Appreciation	
ART 1110—Basic Studio I	
ART 1120—Basic Studio II	
ART 1130—Basic Studio III	
ART 1810—School Art	
ART 2010—Art History Survey I	
ART 2020—Art History Survey II	

Α	ART 2030—Art History Survey III—Modern Art
Α	ART 2410—Ceramics I
Δ	ART 2420—Ceramics II
A	Creative experimentation with contemporary sculptural form, clays, and glazes. 2 hours lecture—4 hours studio
	ART 2510—Painting I
A	ART 2520—Painting II
	ART 2530—Painting III
	RT 2610—Weaving I
	RT 2620—Weaving II
A	RT 2710—Introduction to Printmaking
	RT 2720—Advanced Printmaking
	RT 2810—Basic Photography

BANKING

- BNK 1100—Principles of Bank Operations(3 AIB Credits) 4 Credits
 This course presents the fundamentals of bank functions in a descriptive
 fashion so that the beginning banker may acquire a broad and operational
 perspective. It reflects the radical changes in banking policy and practice
 which have occurred in recent years. Topics covered are banks and the
 monetary system, negotiable instruments, the relationship of the commercial bank to its depositors, types of bank accounts, the deposit
 function, the payments functions, bank loans and investments, other
 banking services (trust, international, and safe deposit), bank accounting
 and marketing, external and internal controls, and the public service
 obligations of banks.
- BNK 1120—Money and Banking(3 AIB Credits) 4 Credits
 This course presents the basic economic principles most closely related to the subject of money and banking in a context of topics of interest to present and prospective bank management. The book stresses the practical application of the economics of money and banking to the individual bank. Some of the subjects covered include structure of the commercial banking system, the nature and functions of money, banks and the money supply; cash assets and liquidity management, bank investments, loans, earnings and capital, the Federal Reserve System and its policies and operations, Treasury Department operations, and the changing international monetary system. (Formerly BUS 2050.)
- BNK 1130—Bank Investments(3 AIB Credits) 4 Credits
 This course covers the sources and uses of bank funds and the place of
 investment in the overall scheme of bank operations. Especially important are the relationship of investments to business and the unique
 functions, advantages, and purpose served by a wide range of securities.
 Investment terminology is covered in detail.
- BNK 1140—Savings and Time Deposits (3 AIB Credits) 4 Credits
 This course reflects recognition of the fact that a knowledge of the historical development of savings institutions and an awareness of the basic economic function of the savings process are necessary to an understanding of the current operations and policies of these institutions. It begins with a review of the economics of the savings process in order to clarify important differences between financial savings by individuals or organizations and real savings that appear as capital formation. Different types of financial savings are reviewed in order to describe the system of financial flow from income to capital investment. Also covered are interest rates, types of savings accounts, and the management of savings institutions (asset management, operations and control, supervision, liquidity, and marketing).
- BNK 1150—Trust Functions and Services(3 AIB Credits) 4 Credits
 This course presents a complete picture of the services rendered by
 institutions engaged in trust business. Providing an introduction to the
 services and duties involved in trust operations, the course is intended for
 all bankers, not only those who are engaged in trust business. It
 endeavors to keep clear the distinction between business and legal
 aspects of trust functions. Topics covered are the history of trust services
 and institutions, trust powers and government supervision, trust depart-

ment services, property, wills, settlement of estates, personal and insurance trusts, personal agencies, guardianship, employee benefits trusts, corporate trusts and agencies, investment of trust funds, and management of property and mortgages.

- BNK 1160—Bank Management(3 AIB Credits) 4 Credits
 This course presents new trends which have emerged in the philosophy
 and practice of management. The study and application of the principles
 outlined provide new and experienced bankers with a working knowledge
 of bank management. It should be noted that the course is not one of
 personnel management, but rather of business management. It touches
 on objectives, planning, structure, control, and the interrelationship of
 various bank departments. Since case study is becoming well established
 as an effective management learning technique, the text also uses
 illustrative cases.
- BNK 2100—Federal Reserve System(3 AIB Credits) 4 Credits
 This course examines the operations and policies of the Federal Reserve
 System during critical periods over the last 60 years. The approach taken
 is topical rather than chronological, thereby enabling students to compare and contrast Federal Reserve policies dealing with similar problems
 at different periods in time. Attention is given to international monetary
 affairs, especially the changing role of gold, economic developments and
 goals which affect the stability of the American economy, and Federal
 Reserve efforts to adapt and influence the changing economic environment.
- BNK 2150—Installment Credit(3 AIB Credits) 4 Credits
 This modular course emphasizes the pragmatic "how-to" details of
 Installment Credit. Topics covered are principles of credit evaluation,
 open-end credit, marketing bank services, collection policies and procedures, legal aspects, financial statement analysis, direct and indirect
 installment lending, leasing and other special situations, installment
 credit department management, insurance, and rate structure and yields.
- BNK 2120—Analyzing Financial Statements . . . (3 AIB Credits) 4 Credits
 This course is organized into two main sections: Characteristics of
 Financial Statements and Financial Statement Analysis. The first section
 serves as a useful review of basic accounting principles for those students
 who have studied accounting. For those who have not, this section
 provides the minimum accounting background necessary for profitable
 study of financial statement analysis. (It should be emphasized, however,
 that Analyzing Financial Statements is an advanced course and difficult
 for students with little background in accounting.) The second section of
 the course covers goals, methods, and tools of analysis; analysis of profit
 and loss, accounts receivable, inventories, and balance sheets; the
 relationship of balance sheet accounts to sales; and projected statements
 and cash budgets.
- BNK 2130—Credit Administration (3 AIB Credits) 4 Credits
 This course, directed toward the executive level, concerns itself with
 factors influencing and determining loan policy. It is not a "how" and
 "whether to" guide to granting credit, but discusses methods of credit
 investigation and analysis, credit techniques, specific credit problems,
 and regular as well as unusual types of loans—working capital loans,

secured loans, term loans, real estate loans, installment loans, agricultural loans, loans to other financial institutions, and loan participations. Emphasis is also given to credit department organization and procedures, analysis of financial statements, and the methods of dealing with borrowers in financial difficulty.

BNK 2160—International Banking(3 AIB Credits) 4 Credits
International Banking is an overview introduction to a vast field for those
working in international departments as well as for those involved in the
domestic activities of their banks. The essential objective of the course is
to present the basic framework and fundamentals of international
banking: how money is transferred from one country to another, how
trade is financed, what the international agencies are and how they
supplement the work of commercial banks, international lending, and
how money is changed from one currency to another.

BNK 2170—Management of Commercial Bank

BNK 2190—Law and Banking(3 AIB Credits) 4 Credits
An introduction to basic American law, this course presents the rules of
law which underlie banking. Topics are those usually covered in the first
year curriculum of most American law schools. They include jurisprudence, the court system and civil procedure, contracts, quasi-contracts,
property, torts, crimes, and agency. The nature of partnerships and
corporations is also treated. The text concentrates on the Uniform
Commercial Code in its coverage of sale of personal property, commercial paper, bank deposits and collections, documents of title, and secured
transactions.

BIOLOGY

To receive credit for a biology course, the lecture section must be accompanied by a laboratory session during the same quarter.

NOTE: Students with the equivalent of at least 2 years of high school biology or satisfactory ACT scores may elect BIO 2610, 20, 30 (see course descriptions) instead of BIO 1110, 20, 30.

BIO 1130—General Biology III4 Credits An introduction to the principles of heredity and to environmental biology. 3 hours lecture—2 hours laboratory BIO 2210—Plant Kingdom I4 Credits Lower plants; emphasis on evolutionary relationships, morphology and development. (Prerequisite: BIO 1130 or consent of instructor.) 3 hours lecture—3 hours laboratory BIO 2220—Plant Kingdom II4 Credits Higher plants; emphasis on evolutionary relationship, morphology and development. A study of the seed plants with an emphasis on anatomy and physiology. (Prerequisite: BIO 1110-1120-1130 or consent of instructor.) 3 hours lecture—3 hours laboratory BIO 2310—Anatomy and Physiology I 4 Credits A study of basic biological chemistry, cellular structure and function (including cellular respiration, protein synthesis, and cell division), and control systems of the body. The laboratory will provide experiments to illustrate principles covered in lecture as well as detailed anatomy and physiology of the integumentary and skeletal system. 3 hours lecture—3 hours laboratory BIO 2320—Anatomy and Physiology II4 Credits A study of the anatomy and physiology of the nervous system, muscular system, circulatory and immune systems, and the respiratory system. The laboratory will provide anatomical investigation of and physiological experimentation with these systems. 3 hours lecture—3 hours laboratory BIO 2330—Anatomy and Physiology III4 Credits A study of the anatomy and physiology of the excretory, digestive, endocrine, reproductive and special sense systems. The laboratory will provide anatomical investigation of and physiological experimentation with these systems. 3 hours lecture—3 hours laboratory BIO 2350—Pathophysiology3 Credits An introduction to the disease processes and mechanisms of the human body and to the dysfunction of the body's systems. (Prerequisite: BIO 2310-20-30) 3 hours lecture BIO 2410—Invertebrate Zoology4 Credits A survey of the invertebrate animals, their biological structure, and comparison among members of the groups. (Prerequisite: BIO 1130 or consent of instructor.) 3 hours lecture—3 hours laboratory BIO 2420—Comparative Vertebrate Anatomy4 Credits A survey of the vertebrate animals emphasizing their development and the comparative anatomy of organ systems. (Prerequisite: BIO 1130 or consent of instructor.) 3 hours lecture—3 hours laboratory

BIO 2700—2750—Independent Scientific Investigation3 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 nine credit hours may be earned. (Prerequisite: BIO 1130 and consent of the faculty members.)

BUSINESS AND COMMERCE

problems involving discounts, simple and compound interest, insurance and payroll.
BUS 1820—Finance Mathematics
BUS 1850—Personal Finance
Topics included are charting financial objectives; budgeting; consumer borrowing, renting, and buying; investing; employee benefits and taxation. Designed for special career education curricula.
BUS 2010—Real Estate I
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. Will be of assistance to those preparing for the real estate affiliate broker's and broker's license examinations.
BUS 2020—Real Estate II
A study of Tennessee Real Estate Law, including rights incident to property ownerships and management, agency, contracts, and applications to real estate transfer, conveyances, probate proceedings, trust deeds, and foreclosure, as well as recent legislation governing real estate transactions. Applies toward educational requirement of a broker's examination. (Prerequisite: BUS 2010)
BUS 2030—Real Estate III
Institutional and governmental funds for financing real estate transactions. (Prerequisite: BUS 2010)
BUS 2040—Real Estate Appraisal
Theories, functions, and purposes of appraisal to include the economic approach, the replacement approach and comparative values for all types of real estate.
BUS 2210—Principles of Accounting I 3 Credits
Covers the basic principles and procedures from the management viewpoint. Determination of net income and valuation of assets and the

internal control. (Prerequisite: BUS 2210)

and statement analysis. (Prerequisite: BUS 2220)

BUS 2250—Cost Accounting
BUS 2270—Small Business Accounting
BUS 2280—Small Business Accounting
BUS 2310—Income Tax Accounting—Personal
BUS 2320—Income Tax Accounting—Business
BUS 2410—Business Machines—Computational3 Credits Operation of the printing and electronic calculators and the ten-key adding machine.
BUS 2420—Business Machines—Duplication
BUS 2510—Legal Environment for Business
BUS 2520—Business Law
BUS 2710—Intermediate Accounting I

CHEMISTRY

To receive credit for a chemistry course, the lecture section must be accompanied by a laboratory session during the same quarter.

3 hours lecture—3 hours laboratory

- NOTE: CHE 1010, 20, and 30 are intended for students in the humanities, the social sciences, home economics, nursing, and many programs in the agricultural sciences. These courses must be taken in sequence.

3 hours lecture—3 hours laboratory

CHE 2700—2750—Independent Scientific Investigation3 Credits Independent laboratory/library research in chemistry 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 nine credit hours may be earned. (Prerequisite: CHE 1130 and consent of the faculty member.)

CHEMICAL TECHNOLOGY

6 hours lecture—laboratory

6 hours lecture—laboratory

6 hours lecture—laboratory

2 hours lecture—laboratory

4 hours lecture—laboratory

2 hours lecture—laboratory

CIVIL ENGINEERING TECHNOLOGY

1 hour lecture—5 hours laboratory

1 hour lecture—6 hours laboratory

3 hours lecture—3 hours laboratory

3 hours lecture—3 hours laboratory

CET 2250—Structural Analysis
CET 2310—Concrete Technology
CET 2410—Traffic and Transportation Technology3 Credits Introduction to the techniques of traffic and transportation surveys. The application of survey data to the planning, design and operation of modern transportation systems. (Prerequisite: CET 2110)
CET 2510—Bituminous Technology
CET 2610—Reinforced Concrete Design
CET 2620—Advanced Reinforced Concrete Design3 Credits Continuation of CET 2610. (Prerequisite: CET 2610)
CET 2710—Structural Steel Design
CET 2720—Advanced Structural Steel Design
CET 2810—Route Surveying and Highway Design
COAL MINING TECHNOLOGY
CMT 1020—Coal Geology
CMT 1110—Mine Operations and the Law I
CMT 1120—Mine Operations and the Law II

government agencies.

CMT 1310—Soil Sampling and Testing
CMT 1410—Laws and Permits
CMT 1510—Reclamation Techniques and Land Use Planning .3 Credits A review and evaluation of current surface mine reclamation techniques and land use planning concepts are provided.
CMT 1610—Energy and Society
CMT 1710—Surface Mine Revegetation
CMT 1810—Mine Rescue
CMT 1910—Mining Hydraulics
CMT 1920—Mine Electricity
CMT 2010—Mine Section Layout
CMT 2110—Water Quality Control
CMT 2210—Mining Internship
CMT 2310—Coal Analysis
CMT 2410—Mine Safety Management
CMT 2420—Mine Equipment Technology

CMT 2430—Gas Detection
CMT 2510—Preparation Plant Technology
CMT 2610—Remote Sensing
CMT 2710—Noise Measurement and Control
CMT 2720—Fundamentals of Surface Mine Engineering3 Credits Instruction is given in overburden removal, drilling, blasting, contour grading, and landscaping. Field trips are included.
CMT 2810—Mine Blasting and Explosives
CMT 2820—Mine Ventilation
CMT 2910—Mine Structures: Roof Control I
CMT 2920—Mine Structure: Roof Control II
COMPUTER SCIENCE TECHNOLOGY
CST 1010—Introduction to Data Processing
patterns. CST 1020—Introduction to Programming
A basic course in programming techniques. Introducing the student to BASIC-PLUS computer language. Utilizing lab work to gain experience in programming applications. (Corequisite: CST 1010 or consent of instructor.)
CST 2010—Computers and Society

ences and engineering; computer assisted instruction, future advances in computing. (Prerequisite: CST 1020)

- CST 2100—Computer Applications in Accounting 3 Credits A course designed to acquaint the student with some of the more common computer applications in the field of accounting. Topics include payroll accounting, depreciation, cash receipts and disbursements and many others. This course should not be taken until completion of all the prerequisites listed below. (Prerequisites: BUS 2210, BUS 2220, and CST 1020) CST 2210—FORTRAN Programming3 Credits Computer programming in scientific oriented FORTRAN (formula translation) programming language; emphasis on mathematical problem solving process. COBOL (Common Business Oriented Language) in commercial oriented language to enable the student to gain programming proficiency through lectures and labs with "hands on" computer experience. CST 2240—RPG Computer Programming3 Credits RPG (Report Program Generator) is a problem-oriented language for maintaining and manipulating files, generating reports, and using table lookup. This course will provide exercises, problems and case studies directed at various applications in a business system. Introduction to APL (A Programming Language) programming language. The APL is a refinement and enhancement of mathematics. Emphasis is placed on the use of APL as an ideal language for developing and formulating algorithms. (Prerequisite: MAT 2610 and Corequisite: MAT 2650) CST 2310—Introduction to Systems Analysis 3 Credits This course is designed to teach the basic fundamentals of systems analysis with emphasis on systems study and design, flow charting, file descriptions, procedure analysis, and documentation. (Prerequisite: CST 1020) CST 2410—Systems Analysis 3 Credits This course is designed to teach the fundamentals of management by system. The life cycle of a management system is presented in terms of (1) study and design; (2) implementation; and (3) operation, evaluation, and modification. Major emphasis is in the area of analysis and design. (Prerequisite: CST 2310) CST 2510—Advanced Computing Programming 3 Credits Problem formulation and advanced programming in BASIC-PLUS, FOR-TRAN and COBOL. (Prerequisite: CST 1020, CST 2210, CST 2220)

(Prerequisite: CST 2420)

CST 2810—Computer Organization and Programming3 Credits

Macro assembler programming. Elementary Computer Architecture.
(Prerequisite: CST 2210)

COOPERATIVE EDUCATION

COE 1010—Cooperative Education I	.3-5 Credits
COE 1020—Cooperative Education II	.3-5 Credits
COE 1030—Cooperative Education III	.3-5 Credits
COE 1040—Cooperative Education IV	oved by the or part-time al agency to minimum of secessary to
receive credit. More credit may be given at the discretion of depending upon the number of hours worked and the signifi work experience.	

DEVELOPMENTAL STUDIES

Roane State Community College offers specialized programs to students in need of intensive preparation for college level academic work. Students are directed into this individualized work on the basis of an evaluation of high school work, placement test scores, recommendation of faculty advisers or personal assessment.

The basic courses are numbered 0100 to 0990 and should not be taken for college transfer credit. Up to six hours of such credit may be used as elective credit toward the Associate Degree.

These courses are not sequential and may be repeated when necessary.

These courses are a continuation of Spelling Improvement I. The number of hours taken is determined by the degree of mastery achieved in Spelling Improvement I.

DVS 0520—Basic Communications II
DVS 0530—Basic Communications III
DVS 0610—Basic Science/Chemistry I
DVS 0620—Basic Science/Chemistry II1-3 Credits This course is a continuation of Basic Science I. The number of hours taken is determined by the degree of mastery achieved in Basic Science I.
DVS 0710—Basic Mathematics I
DVS 0720—Basic Mathematics II
DVS 0730—Basic Mathematics III
DIETETIC TECHNOLOGY
DFT 1010—Fundamentals of Food Service3 Credits Overview of the food service industry, planned to acquaint the student with the organization, operation, and job potential of different types of food services. Field trips to a hospital, nursing home, restaurant, and industrial food service operation.
Overview of the food service industry, planned to acquaint the student with the organization, operation, and job potential of different types of food services. Field trips to a hospital, nursing home, restaurant, and
Overview of the food service industry, planned to acquaint the student with the organization, operation, and job potential of different types of food services. Field trips to a hospital, nursing home, restaurant, and industrial food service operation. DFT 1020—Food Principles
Overview of the food service industry, planned to acquaint the student with the organization, operation, and job potential of different types of food services. Field trips to a hospital, nursing home, restaurant, and industrial food service operation. DFT 1020—Food Principles

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quality food, accepted food standa	g methods based on the analysis of rds, availability of food, legal regula- techniques. Methods of controlling
DFT 2210—Principles of Nutrition Nutritive value and functions of foo family nutritive requirements.	3 Credits d in the body, including personal and
0	

studied and aid in planning modified diets is given.

of medical or surgical problems is included. Routine hospital diets are

ECONOMICS

principles of money and banking, the Federal Reserve System and other financial institutions. Monetary and the fiscal policy. Growth of the American economy.

EDUCATION

- EDU 1010—Orientation to the Education of the Exceptional Child 3 Credits
 This course examines the educational and sociological basis for current
 educational practices. Site visits and supervised observation acquaint the
 student with services, settings, teacher and paraprofessional roles.
- EDU 1110—Introduction to Early Childhood Education3 Credits
 This course deals with the expanding field of early childhood education
 and care. Differentiation of teaching and supportive roles in early
 childhood programs is examined. Diverse program sites are visited.
 Course requirements of readings and child observations highlight
 characteristics of the young child and of the early childhood educator.

Primarily a supervised practicum in which students learn to conduct tutorial sequences using the Laubach and other basic skills methods with adult illiterates. Covers characteristics and problems of the illiterate and implications for instruction. Introduces tutors to writing simple stories for beginning adult readers, using a controlled vocabulary. Instruction includes lecture, discussion, and role playing. Credit is awarded only when all requirements for the course are completed.

- EDU 2810—Child Development from Infancy Through Age Eight 3 Credits
 This comprehensive study of the child from infancy through eight years
 examines genetic, biological, social, motor, cognitive aspects of development with implications for early childhood education and related
 fields. (Prerequisite: EDU 2410)

This course is a study of a creative curriculum for young children with emphasis on the teacher's role in aesthetic experiences in art, music, movement and rhythms. (Prerequisites: ART 1810, EDU 1110 or EDU 2810)

EDU 2910—Prospective Teacher Cooperative Practicum I3 Credits EDU 2920—Prospective Teacher Cooperative Practicum II3 Credits

This program is designed to provide the student and local school systems with a cooperative classroom experience. The college student will investigate the duties, responsibilities, and requirements of the teacher's aid profession. Each assigned classroom teacher will be involved with the evaluation of the student, as well as the College Instructor and Administrator of the school. (Prerequisite: EDU 2910)

(Early Childhood Education and Special Education majors prerequisite: EDU 2410 or EDU 2810.)

EDU 2930—Field Experiences in Early Childhood Education . .3 Credits Student is assigned a field placement in nursery, day care, kindergarten or primary grades. Observations, supervised case studies and problems of teachers, methods, materials and school organization are focuses of this course. (Prerequisite: EDU 2910-20) (Early Childhood Education and Special Education majors prerequisite: EDU 2410 or EDU 2810)

ELECTRICAL AND ELECTRONICS TECHNOLOGY

EET 1010—Electric Circuits I	
EET 1020—Electric Circuits II	
EET 1015—Electric Circuits Lab I	
EET 1025—Electric Circuits Lab II	
EET 1110—Electric Circuit Fundamentals	
EET 1210—Materials and Construction Practices	
EET 1310—Electronics I	
EET 1320—Electronics II	
EET 1330—Electronics III	
EET 1315—Electronics Lab I	
EET 1325—Electronics Lab II	
EET 1335—Electronics Lab III	

EET 1340—FCC License Preparation	dits
Preparatory course for those desiring to obtain their first or second claradio-telephone operators license or third class permit from the Feder Communications Commission. Technical questions similar to those actual FCC examinations are studied, as well as general and specinformation on communications law and FCC rules and regulation Designed for those who already have a working knowledge of electricuits. (Prerequisite: EET 1110 or consent of instructor.)	eral on ific ns. tric
EET 1410—Electronics Drafting I	
EET 1420—Electronics Drafting II	and ing and
EET 1610—Electrical Systems Design I	
This course is a study of the design of electrical service systems residential, commercial and industrial applications. The student will leat to design electrical systems in accordance with local and natio electrical codes. Topics included will be an introduction to electricodes, types of conductors and cables, safety grounding, overcurre protection, branch circuits, estimate of loads, and equipment selections the student will be given practical problems in the layout and design electrical service systems for residential, commercial and industributions. (Prerequisite: EET 1020)	arn nal cal ent on.
EET 1620—Electrical System Design II	
A continuation of Electrical Systems Design I with emphasis on advance design problems. (Prerequisite: EET 1610)	ed:
EET 1630—Elements of Electrical Generation, Transmission and Distribution	lito
A study of the components of electrical power generation, transmission and generation, including transmission law theory and load flow studi (Prerequisite: EET 1020)	ion
EET 1640—Electrical Wiring4 Cred	lits
Basic principles and practice of modern electrical wiring for resident commercial and farm installations. Including installation of serv entrance and ground, wiring of specific outlets and common switch le wiring of heavy appliances, modernization of installation, ground theory and practice. Requirements of National Electrical Code a emphasized through course. 3 hours lecture—1 hour laboratory	ice gs, ing
EET 2210—Electronics Project	
EET 2250—Special Topics in Electronics	

EET 2260—Electronic Troubleshooting
EET 2310—Digital Electronics I
EET 2320—Digital Electronics II
EET 2315—Digital Electronics I Laboratory
EET 2325—Digital Electronics II Laboratory
EET 2510—Industrial Electronics and Control I
EET 2520—Industrial Electronics and Control II
EET 2515—Industrial Electronics and Control I Laboratory 1 Credit (Laboratory to be taken concurrently with EET 2510.)
EET 2525—Industrial Electronics and Control II Laboratory1 Credit Experimental verification of principles introduced in Industrial Electronics. (Laboratory to be taken concurrently with EET 2520.) 3 hours laboratory
EET 2530—AC/DC Machines
EET 2540—Commercial Electronic System
EET 2560—Electrical Estimation and Pricing

ENGINEERING

ERG 1010—Engineering Graphics I
ERG 1020—Engineering Graphics II
ERG 1030—Engineering Graphics III
ERG 1050—Elementary Mechanics
ERG 1100—Introduction to Engineering
ERG 1110—Applied Mechanics I
ERG 1120—Applied Mechanics II
ERG 1210—Blue Print Reading
ERG 1300—Applied Thermodynamics
ERG 2010—Engineering Mechanics I
ERG 2020—Engineering Mechanics II

laws, and impulse-momentum. (Prerequisite: ERG 2010)

ERG 2110—Thermodynamics
ERG 2210—Strength of Materials
ENGLISH
ENG 1010—Composition I
ENG 1020—Composition II
ENG 1030—Composition III
NOTE: Composition I, II, and III are prerequisite to Sophomore English. Sophomore English requirements may be met with any two of the five Sophomore Literature courses offered— World Literature I, II, III, or American Literature I or II.
ENG 2110—World Literature I
ENG 2120—World Literature II
ENG 2130—World Literature III
ENG 2140—American Literature I
ENG 2160—American Literature II
ENG 2310—Children's Literature

ENG 2810—Creative Writing
ENG 2820—Technical Writing
FIRE SCIENCE TECHNOLOGY
FST 1010—Introduction to Fire Science
FST 1030—Industrial Hazards
FST 1110—Construction Codes and Fire Protection Standards 3 Credits A study of fire codes and standards. The course includes a study of modern protection equipment and building construction materials.
FST 1120—Environmental Technology
FST 2010—Fire Fighting Strategy
FST 2020—Blue Print Reading
FST 2110—Inspection Principles and Practices
FST 2120—Principles of Hydraulics
FST 2210—Flammable Materials

HOANE STATE COMMUNITY COLLEGE 14:
FST 2220—Water Distribution
FST 2230—Water Suppression Systems
FST 2610—Fire Department Administration
FST 2620—Seminar
FST 2700—Practicum
FRENCH
FRE 1010—Beginning French I
FRE 1010—Beginning French I (No prerequisite) FRE 1020—Beginning French II (Prerequisite: FRE 1010) FRE 1030—Beginning French III Elementary grammar, pronunciation, and conversation through use of films, videotapes, cassette tapes, filmstrips, and computer programs (Laboratory required.) (Prerequisite: FRE 1020) FRE 2010—Intermediate French I (Prerequisite: FRE 1030) FRE 2020—Intermediate French II (Prerequisite: FRE 2010)
FRE 1010—Beginning French I (No prerequisite) FRE 1020—Beginning French II (Prerequisite: FRE 1010) FRE 1030—Beginning French III Elementary grammar, pronunciation, and conversation through use of films, videotapes, cassette tapes, filmstrips, and computer programs (Laboratory required.) (Prerequisite: FRE 1020) FRE 2010—Intermediate French I (Prerequisite: FRE 1030) FRE 2020—Intermediate French II 3 Credit
FRE 1010—Beginning French I (No prerequisite) FRE 1020—Beginning French II (Prerequisite: FRE 1010) FRE 1030—Beginning French III Elementary grammar, pronunciation, and conversation through use of films, videotapes, cassette tapes, filmstrips, and computer programs (Laboratory required.) (Prerequisite: FRE 1020) FRE 2010—Intermediate French II (Prerequisite: FRE 1030) FRE 2020—Intermediate French II (Prerequisite: FRE 2010) FRE 2030—Intermediate French III Advanced grammar and conversation through use of films, videotapes cassette tapes, filmstrips, computer programs and library readings

(Atmospheric Environment)

A study of the processes and principles which govern atmospheric activity and world climatic patterns. Subjects of interest include storms (tornadoes, hurricanes, thunderstorms), air pollution, weather modification, and climatic change.

An investigation of the natural environment as a system comprised of landforms, soils, vegetation, and animals, each conditioned by climate. Topics of interest include volcanoes and earthquakes, stream erosion and mountain building, continental drifting and animal distributions, and soil formation and vegetation development. (No prerequisite)

GGY 1030—Introduction to Human Geography3 CreditsAn introduction to the basic concepts in human geography, including population, political, cultural, urban, and economic geography. Attention is given to analysis of current world problems and issues.

GGY 1040—Environmental Technology: Conservation of

- **GGY 2110—World Regional Geography I3 Credits**A geographic survey of North American, with particular emphasis upon current regional problems.

- **GGY 2210—Introduction to Economic Geography..........3 Credits**A survey of agricultural, mining, manufacturing, transportation and service activities as they affect man's economic life.

GEOLOGY

The geology sequence GEO 1610, 1620, 1630 offers students another branch of science with which to fulfill curriculum requirements.

The GEO 1610, 20, 30 sequence will provide the necessary background in geology in the Mining Technology Program.

3 hours lecture—3 hours laboratory

3 hours lecture—3 hours laboratory

3 hours lecture—3 hours laboratory

GERMAN

GRN 1010—Beginning German I
GRN 1020—Beginning German II
GRN 1030—Beginning German III
GRN 2010—Intermediate German I
GRN 2020—Intermediate German II
GRN 2030—Intermediate German III

HEALTH

HEA 2210—Personal Health
A consideration of principles from the natural, biological, social, and
behavioral sciences as they may be applied to healthful living. Emphasis on knowledge, attitudes, and practices related to self-direction of health
behavior.

HISTORY

HORTICULTURE

2 hours lecture—2 hours laboratory

2 hours lecture—2 hours laboratory

2 hours lecture—2 hours laboratory

HUMANITIES

JOURNALISM

JRN 1110—Introduction to Mass Communications	JOURNALISM
JRN 1520—Journalism Practicum II	A survey course of contemporary mass communications media and agencies: newspapers, magazines, radio, television, film, advertising, public relations, the recording industry, press associations and specialized publications. Emphasis is on the content of the mass media and the effects the media have on society and individual citizens.
JRN 1530—Journalism Practicum III	JRN 1510—Journalism Practicum I
Laboratory courses offering practical experience for students working on the student newspaper, yearbook, other campus publications and off-campus publications. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each quarter. JRN 2210—Writing for Mass Media	JRN 1520—Journalism Practicum II1 Credit
JRN 2220—Reporting	Laboratory courses offering practical experience for students working on the student newspaper, yearbook, other campus publications and off-campus publications. Each course carries one hour credit, and students may earn up to six credits by enrolling for one course each quarter. JRN 2210—Writing for Mass Media
Methods of gathering and reporting facts for mass media. Emphasis is on news and news features. Three hours class plus practical assignments which might include work for the campus newspaper. (Prerequisite: JRN 2210 or permission of instructor.) JRN 2230—Editing for Mass Media	typing proficiency, or permission of instructor.)
Copyreading methods and practice in editing copy for print and broadcast media, with emphasis on different types of copy and refinement of writing skills. Assignments might include practical work for the campus newspaper. (Prerequisite: JRN 2220 or permission of instructor.) JRN 2510—Supervised Publications Work I	Methods of gathering and reporting facts for mass media. Emphasis is on news and news features. Three hours class plus practical assignments which might include work for the campus newspaper. (Prerequisite: JRN
JRN 2520—Supervised Publications Work II	Copyreading methods and practice in editing copy for print and broad- cast media, with emphasis on different types of copy and refinement of writing skills. Assignments might include practical work for the campus
JRN 2530—Supervised Publications Work III	JRN 2510—Supervised Publications Work I Credit
·	JRN 2520—Supervised Publications Work II1 Credit
JRN 2750—Introduction to Broadcasting 3 Credits	·
	JRN 2750—Introduction to Broadcasting

MATHEMATICS

regulatory and technical aspects of the broadcasting industry.

A broad, basic course covering organization, comparative systems,

MAT 1010—Technical Math I	3 Credits
Algebraic expressions and operations, factoring, fraction	s, solving one-
variable equations, linear and quadratic functions, graphir	ng of functions.

Primarily for technology students. Not to be taken in addition 1050. (Prerequisite: 1 year of high school algebra and geor consent of instructor.)	
MAT 1020—Technical Math II	Credits
A continuation of MAT 1010, emphasizing systems of equation nents and radicals, solving quadratic and radical equations, nutrigonometry, logarithms, applications. Not to be taken in addition 1050. (Prerequisite: MAT 1010 or consent of instructor.)	umerical
MAT 1050—Algebra and Trigonometry I	ng equa- , numeri- dition to
MAT 1060—History of Mathematics	
MAT 1070—Geometry	

MECHANICAL TECHNOLOGY

2 hours lecture—3 hours laboratory

MET 1210—Industrial Organizations and Institutions3 Credits A description and analysis of roles of labor and management in the economy. Approximately one-half of the classroom time is devoted to labor-management relations, including the evolution and growth of the American labor movement and the development and structure of American business management. A study is made of the legal framework within which labor-management relations are conducted and the responsibilities of each in a democratic system of government. The second half of the course pertains to labor economics as applied to the forces affecting labor supply and demand, problems of unemployment reduction and control, and wage determination on the national, plant, and individual levels. Emphasis centers upon current practical aspects of our industrial society with historical references intended only as background material to interpret trends and serve as points of departure.

MET 1310—Hydraulics and Pneumatics3 Credits A study of the basic components of hydraulic and pneumatic systems and how they are combined to build up various circuits. The emphasis is on the use of hydraulics and pneumatics for power transmission and for control purposes. Both areas are treated as basic sciences with emphasis on mathematical analysis and the scientific method. It is recommended that individual term problems requiring a significant amount of handbook design be required for this course.

2 hours lecture—3 hours laboratory

MET 1510—Air Conditioning and Refrigeration I3 Credits MET 1520—Air Conditioning and Refrigeration II 3 Credits A two course sequence. Design and layout of heating and air conditioning systems, (hot water, steam warm air, radiant, electrical and solar), basic principles in determining heat gain and heat losses in structures, selection and use of equipment for year-round conditioning.

Fundamental principles of designing pipe systems, including development of diagrams, arrangements and schemes with information concerning standards and specifications of the components in typical systems.

1 hour lecture—6 hours laboratory

MET 2110—Machine Design3 Credits A course in which the design principles of manufacturing elements are taken up and calculations are made in determining the size and shape of various machine parts. It includes factors which influence the selection of materials to be used in designing such elements as beams, bearings, clutches, brakes, shafts, bushings, screens, rivets, gears, belts, and fly wheels. Attention is given to various types of loading conditions, stresses, deformations, fits, finishes, and other factors which must be considered in the design of machine elements.

MET 2210—Basic Tool Design4 Credits Lectures, classroom discussion, and actual drawing practice are combined to help the student gain knowledge and experience necessary to design tools commonly used in modern manufacturing. The work consists of designing and laying out cutting tools, gauges, simple jigs, fixtures, and dies. Mass production methods are discussed so that the student may apply the information gained in the practical work of tool designing.

1 hour lecture—6 hours laboratory

1 hour lecture— 9 hours laboratory

3 hours lecture—3 hours laboratory

2 hours lecture—3 hours laboratory

3 hours lecture—3 hours laboratory

and machinery selection.

MET 2710—Process Planning4 Credits A comprehensive study of the fundamental principles, practices, and methods of process planning. The responsibilities and range of activities normally associated with process planning are surveyed; also the relationship of process planning to other manufacturing functions in the course is made meaningful by reference to concrete examples, interpretation of charts, operation analysis, and routing forms. Student participation is provided through selected case problems having single or multiple solutions. Additional classroom activities include the actual process

operations, set-up time estimating, feed and speed calculations, process 3 hours lecture—3 hours laboratory

planning of selected jobs in terms of description and sequence of

MET 2810—Production Problems4 Credits A detailed study is made of various production activities and the problems associated with them. Problems and cases are solved through the use of available data in texts and engineering handbooks. Discussion of each topic begins with a consideration of the nature of the problem and continues with a presentation of the detailed approach to be employed in its solution. Some problems deal with the analysis of the elements of production scheduling. Others deal with methods of determining production costs in terms of labor, material, and burden. Balancing work stations on production lines by graphic, as well as mathematical means to achieve constant flow and calculating machine capacities to establish completion dates, represent a major portion of the laboratory work.

1 hour lecture—9 hours laboratory

A course to acquaint the student with safety in industry including the basic philosophy of safety programs and administrations, policies and procedures of accident preventions, and compliance with requirements of OSHA

MEDICAL RECORDS

Introduction to the history of medicine, the hospital and medical records. Lecture and classroom laboratory experience which will enable the student to be familiar with the purposes, content, and uses of the medical record. Laboratory practice in the analysis and assembly of medical records. (Prerequisite: Permission from Program Director.) (Corequisite: MRT 1210)

2 hours lecture—3 hours laboratory

Orientation to the methods of numbering, systems of filing, microfilming and the retention of medical records. Lecture and classroom laboratory practice in the methods of compiling hospital statistics, both manually and by computer. Laboratory practice in gathering statistics and working with formulas to compile actual reports and computer abstracting. (Prerequisite: MRT 1010) (Corequisite: MRT 1220)

2 hours lecture—3 hours laboratory

Introduction to the disease and operation classification and the indexes maintained in the medical record department. Instruction in SNDO as a nomenclature and laboratory practice in the coding and indexing by ICDA. Legal aspects of medical records are introduced. Special attention is given to consents, authorizations, release of information and handling medical records in court. (Prerequisite: MRT 1020) (Corequisite: MRT 1230) 2 hours lecture—3 hours laboratory Introduction to the principles of medical terminology and the use of word elements as building blocks for medical terminology. (Corequisite: MRT 1010) MRT 1220—Medical Terminology II3 Credits Further study of medical terminology with emphasis on terminology as it relates to the systems of the body. (Corequisite: MRT 1020) (Prerequisite: MRT 1210) MRT 1230—Medical Transcription3 Credits Additional study in medical terminology in conjunction with medical transcription. Lecture and actual practice in transcription will be coordinated. Practice transcription will include X-ray reports, medical history, physicals and summaries plus operative reports. Emphasis will also be given to the management of the steno pool, incentive pay plans, training methods, etc. (Corequisite: MRT 1030) (Prerequisite: MRT 1220) 2 hours lecture—3 hours laboratory Actual practice under the direction of a Medical Record Practitioner in a local hospital department. Orientation to the admitting office and medical record department. Practice in the admitting and discharge procedure plus filing methods. (Prerequisite: MRT 1030) (Corequisite: MRT 2410) 9 hours clinical experience Hospital practice in coding and indexing and in statistical compilation and reports. Actual practice in the release of information. (Prerequisite: MRT 2310) (Corequisite: MRT 2420) 9 hours clinical experience Hospital practice in medical transcription and other secretarial skills. Attendance at various medical meetings, minute taking and contact with the medical staff. (Prerequisite: MRT 2320) (Corequisite: MRT 2430) 9 hours clinical experience Special attention is made to the requirements of accrediting agencies plus new trends in medical records. Emphasis is placed on new government laws and regulations. Special instruction in audit and Utilization Review. (Corequisite: MRT 2310)

MRT 2420—Office Supervision for the Medical Record Supervisor3 Credits

Introduction to the field of organization and management plus personnel management. Instruction in office arrangement and design and equipment selection. Laboratory experience in organization charts, procedure manuals, budgets, and equipment purchasing. (Corequisite: MRT 2320)

MRT 2430—Medical Records Seminar3 Credits This quarter will be devoted to individual research projects to the group for evaluation. (Coreguisite: 2330)

MILITARY SCIENCE (ROTC)

MS 1110—Fundamentals of Military Leadership and

Management3 Credits

A study of the development of American military institutions, policies, experiences and traditions in peace and war from colonial times to the present. Historical examples of effective and ineffective leadership and application of the principles of war. Practical exercises in leadership development.

- MS 2110—Applied Military Leadership and Management I 3 Credits Concentrated study of leadership. Factors which affect human behavior. Leadership functions, principles, and traits. Development of leadership qualities through practical exercises. Military teaching principles and development of teaching skills. (Prerequisite: MS 1110)
- MS 2120—Applied Military Leadership and Management II ...3 Credits The contemporary world scene and its impact on the military. Planning, preparation and presentation of briefings and continued development of leadership skills through practical exercise. Discussion of the ROTC Advanced Course. (Prerequisite: MS 2110)

NOTE: Additional information concerning the Army Reserve Officer's Training Corps (ROTC) program may be obtained from the Counseling Center, the office of Academic Advisement, or the ROTC instructor.

MUSIC

THEORY AND LITERATURE

Open to all students who desire a better understanding of music. In this one-quarter course music of the popular culture as well as traditional art music will be explored through class lecture as well as weekly listening assignments.

A beginning study of music, its terminology, and 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. Offered for non-music majors or for remedial study for music majors.

MUS 1110—Beginning Theory I
MUS 1120—Beginning Theory II4 Credits
MUS 1130—Beginning Theory III
be taken in sequence.
3 hours lecture—2 hours laboratory
MUS 2010—Introduction to Music Literature I

APPLIED MUSIC: ENSEMBLES

Non-music majors are invited to participate in as many of the music courses as possible, particularly chorus and band. Membership for all ensembles is by permission of the director. Members are expected to attend all rehearsals and performances. Failure to do so will result in dismissal from the ensemble and a failing mark for the quarter.

MUS 1070—Small Instrumental Ensembles1 Credit
String, brass, and woodwind ensembles will rehearse three hours per
week and perform twice during a quarter. Classical literature for standard
instrumentations will be emphasized. Rehearsal times arranged accord-
ing to students' schedules. Assignment of groups to be determined by
instructor.

APPLIED MUSIC: CLASS INSTRUCTION

Class piano or class voice is offered for secondary, applied or non-music majors.

MUS 1510—Class Lessons in Voice I1 Credit
MUS 1520—Class Lessons in Voice II1 Credit
MUS 1530—Class Lessons in Voice III1 Credit
Group instruction in basic techniques of breath control, tone production,
diction, phrasing and interpretation using simple song repertoire, with
suggested songs suitable for solos. A study of the vocal instrument and
stage presence will be included. Classes meet twice weekly. Daily practice
required. Not for the student whose major is voice.

MUS 1610—Class Piano I
MUS 1620—Class Piano II1 Credit
MUS 1630—Class Piano III1 Credit
Group instruction in basic keyboard technique for students with no prior
training in piano. Electronic pianos will be used. Classes meet twice
weekly. Daily practice required.

APPLIED MUSIC: INDIVIDUAL INSTRUCTION

Private lessons in voice, organ, piano, or other instruments may be taken each quarter for one or two quarter hours credit. Any student may take private lessons, but only students performing at the college level will receive academic credit. Scheduling preferences will be given to full-time music majors. Students receive 25 minutes of private instruction per week per quarter hour of credit. Any student may take applied music instruction in a minor area. Such courses will be designated by an "M" following the course number. Requirements include appearance in solo classes and performance before a faculty jury at the close of each quarter. 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 ten hours practice per week is required.

MUS 1211-21-31—Individual Instruction in Brass Instruments1 Credit
MUS 2211-21-31—Individual Instruction in Brass Instruments1 Credit (One lesson per week)
MUS 1212-22-32—Individual Instruction in Brass Instruments .2 Credits
MUS 2212-22-32—Individual Instruction in Brass Instruments .2 Credits (Two lessons per week)
MUS 1311-21-31—Individual Instruction in Woodwinds1 Credit
MUS 2311-21-31—Individual Instruction in Woodwinds1 Credit (One lesson per week)
MUS 1312-22-32—Individual Instruction in Woodwinds2 Credits
MUS 2312-22-32—Individual Instruction in Woodwinds2 Credits (Two lessons per week)
MUS 1411-21-31—Individual Instruction in Strings1 Credit
MUS 2411-21-31—Individual Instruction in Strings1 Credit (One lesson per week)
MUS 1412-22-32—Individual Instruction in Strings2 Credits
MUS 2412-22-32—Individual Instruction in Strings2 Credits (Two lessons per week)
MUS 1511-21-31—Individual Instruction in Organ1 Credit
MUS 2511-21-31—Individual Instruction in Organ1 Credit (One lesson per week)
MUS 1512-22-32—Individual Instruction in Organ2 Credits
MUS 2512-22-32—Individual Instruction in Organ2 Credits (Two lessons per week)
MUS 1711-21-31—Individual Instruction in Piano 1 Credit
MUS 2711-21-31—Individual Instruction in Piano
MUS 1712-22-32—Individual Instruction in Piano2 Credits
MUS 2712-22-32—Individual Instruction in Piano2 Credits (Two lessons per week)
MUS 1911-21-31—Individual Instruction in Voice 1 Credit
MUS 2911-21-31—Individual Instruction in Voice
MUS 1912-22-32—Individual Instruction in Voice 2 Credits

MUS 2912-22-32—Individual Instruction in Voice............2 Credits
(Two lessons per week)

NOTE: The student may receive credit for one full year's Individual Instruction on each level: one thousand level courses and two thousand level courses.

NATURAL SCIENCE

These natural science courses are designed to provide the student a brief exposure to various disciplines in the natural sciences. They assume little or no background in either mathematics or science, and are therefore suitable for the non-scientist. The courses have no prerequisites and may be taken individually or in any sequence. Each course meets for three hours lecture and two hours laboratory per week.

These courses may be used to satisfy the natural science requirement in the Associate of Arts or Associate of Science degree programs in art, music, business, and education. They may also be taken for general elective credit in most curricula; as such, they can also be used to aid the student in choosing a field of study or in preparing himself/herself for additional science courses. However, these courses will not satisfy any part of the science requirements in chemistry, mathematics, physics, pre-engineering, pre-dentistry, pre-pharmacy, pre-medicine, pre-nursing, physical therapy, respiratory therapy, or medical technology.

NSC 1010—Physics for the Layman 4 Credits

An introductory survey of selected topics in physics, treated on a descriptive level with a minimum of mathematics. The course concentrates on fundamental concepts and principles rather than technical applications. Topics will include the following: classical laws of motion; universal gravitation; theory of relativity; sound, music, and acoustics; light and optics; energy forms and transformations; electromagnetism; atomic and nuclear physics. The laboratory is designed to illustrate and reinforce the lecture discussions and to emphasize the role of experiment in science. (No credit is given to any student who has successfully completed PHY 2010 or PHY 2110.)

3 hours lecture—2 hours laboratory

NUCLEAR TECHNOLOGY

OPERATING ENGINEERING TECHNOLOGY

- **OET 1020—Introduction to General Construction Power Sources 2 Credits**To provide the trainee with basic knowledge relevant to 2-stroke cycles and 4-stroke cycle internal combustion engines; operation of gasoline and diesel engines; a basic understanding of the combustion process and the hardware involved in providing clean air for combustion needs; and familiarize the student with the problems involved in eliminating waste heat from the engines, and the methods required to overcome these problems.
- **OET 1030—Basic Engineer Power Trains and Undercarriages 2 Credits**Provides a basic knowledge of mechanical power transmission and the rolling and carrying components of heavy construction equipment, and gives the trainee some understanding of the component parts, capabilities and limitations.

knowledge to perform checks and preventive maintenance on electrical motors and basic circuits. Also provides a general knowledge of the principles of hydraulics to include definitions, advantages, relationship of pressure and force, and its everyday applications.

- **OET 1210—Introduction to Fuels, Oil, and Lubricants2 Credits**To provide the trainee with an understanding of the type of fuels, oils, and lubricants used in the heavy construction industry, how and when they are used, and how to achieve best results from their use.

- **OET 2020—Grades and Plans for Operating Engineers2 Credits**To provide the trainee detailed information on the engineer function and the operating engineers activities on construction projects.

- **OET 2240—Crushing, Screening, and Washing Plants**4 **Credits**To provide the trainee detailed information on crushing, screening, and washing plants. To teach the controls, operation, and operator maintenance of aggregate crushing, screening, and washing plants.
- **OET 2320—Concrete Plants**To provide the trainee detailed information on the controls and operation of concrete batch plants. To teach the controls, operation, and operator maintenance of concrete plants.
- **OET 2330—Material Hoisting and Handling Equipment......2 Credits**To provide the trainee detailed information on operation and use of material hoisting and handling equipment. To give specific details on nomenclature and description, uses, servicing, PM, minor repairs, storage, shipping, special tool requirements, minor adjustments to components, accessories, and safety. To teach the operation of material hoisting and handling equipment.
- **OET 2420—Heavy Duty Component Repair4 Credits**To provide the trainee detailed information on the repair of all components of heavy construction equipment.
- OET 2540—Apprenticeship Field Experiences IV9 Credits

PHILOSOPHY
PHL 1010—Introduction to Philosophy
PHL 1110—Elementary Logic
PHL 1210—Elementary Ethics
PHL 1310—Symbolic Logic
PHL 2010—Introductions to Religions of the World3 Credits Introduction to the study of religion through selected historical traditions, East and West.
PHL 2020—Issues in Religious Studies
PHYSICAL EDUCATION
PED 1000, 1001, 1002, 1003, 1004, 1005—Adaptive Physical Education1
Credit Modified physical activity designed for students with physical limitations. Students are enrolled in these courses on advice of their physician.
PED 1010—Physical Conditioning
PED 1050—Slimnastics
PED 1110—Archery
PED 1210—Badminton
PED 1310—Basketball
PED 1320—Advanced Basketball
PED 1410—Beginning Bowling

PED 1420—Intermediate Bowling
PED 1510—Folk Dance
PED 1610—Beginning Golf
PED 1620—Intermediate Golf
PED 1710—Soccer
PED 1800—Social Dance
PED 1810—Modern Dance
PED 1910—Beginning Weight Training
PED 1920—Intermediate Weight Training
PED 2010—Beginning Ballet
PED 2020—Intermediate Ballet
PED 2050—Marksmanship and Firearms Safety1 Credit
This course seeks to educate both men and women in safe and efficient use of small bore rifles for pleasure. Safety will be stressed to provide protection for all students involved. The shooting practice will be with 22 caliber rifles. All students will become familiar with the various principles of marksmanship.
PED 2210—Softball
PED 2310—Swimming1 Credit
Training for beginners in swimming, emphasizing recreational swimming. A special fee as designated in class schedule will be charged for this course.

PED 2410—Beginning Tennis
PED 2420—Intermediate Tennis
PED 2510—Stunts and Tumbling
PED 2610—Volleyball
PED 2710—Introduction to Physical Education
PED 2720—Teaching Individual and Dual Sports3 Credits A comprehensive study of individual and dual sports with emphasis on teaching organization, techniques, and methods. To include a practicum.
PED 2730—Sports Officiating
•
PED 2810—Teaching Physical Education in the Elementary Schools
PED 2850—Playground Leadership

PHYSICS

the principles of organizing and directing a playground program.

To receive credit for a physics course, the lecture section must be accompanied by a laboratory session during the same quarter.

NOTE: The physics sequences PHY 2010-20-30 and PHY 2110-20-30 are normally offered only once a year, beginning in the fall quarter. Students planning to enroll in physics must therefore begin the sequence in the fall.

3 hours lecture—3 hours laboratory

crime scene searches.

TOTAL STATE SOMMOTHER SOCIETY	101
PHY 2020—General Physics II	
PHY 2030—General Physics III	edits dern
PHY 2110—Physics I	edits
PHY 2120—Physics II	edits
PHY 2130—Physics III	edits icity, cs. A
3 hours lecture—3 hours laboratory	
POLICE SCIENCE AND CRIMINOLOGY EDUCATION	ON
PST 1010—Introduction to Law Enforcement	juris-
PST 1110—Police Science I	tand cess ents,
PST 1120—Police Science II	ative
PST 2010—Police Administration and Organization	es of tions rol of
PST 2130—Police Science III	odus more
PST 2140—Police Science IV	ques hich ses- andl- glass

POLITICAL SCIENCE

- POL 1030—State and Local Government in the United States .3 Credits
 Forms of state and local government organizations. Interrelationships
 between state and local, state and federal, and local and federal
 governments.

PSYCHOLOGY

- PSY 1000—Effective Study (A Study Problems Group)1 Credit
 A course designed to help students develop effective study skills and to
 eliminate barriers to a successful college experience.

PSY 1110—Career Planning
PSY 2210—Educational Psychology
PSY 2310—Abnormal Psychology
PSY 2410—Child Psychology
PSY 2420—Adolescent Psychology
PSY 2430—Psychology and Everyday Life
PSY 2450—Human Development Seminar
PSY 2510—Social Psychology
PSY 2610—Psychological Aspects of Management3 Credits A study of the application of psychological principles to business and other areas involving management. Topics to be covered will include supervision, communications, human relation skills, scientific and humanistic management, and group dynamics.

PSY 2710-2730—Independent Investigation in Psychology3 Credits Independent library/experimental research in psychology by qualified students under the direction and supervision of a faculty member. Especially designed to develop an interest in and to apply techniques of contemporary scientific research. Up to nine credit hours may be earned (Prerequisite: Psy 1010, 1020 and consent of the faculty member).

RADIOLOGIC TECHNOLOGY

F	Practical application of skills taught in Radiologic Technology courses. Evaluation is based on quality and quantity of work, knowledge of techniques, learning ability, cooperation, initiative, dependability, professional conduct, and manual dexterity. In addition to the clinical experience of this course, two weeks of 40 hours clinical experience during the intersession are required. (Prerequisite: Admission to Radiologic Technology Program)
R	8 hours clinical experience
	Continuation of Clinical Education I. In addition to the clinical experience of this course, two weeks of 40 hours clinical experience during the intersession are required. (Prerequisite: RDT 1000) 8 hours clinical experience
R	RDT 1020—Clinical Education III
R	RDT 1030—Clinical Education IV
R	RDT 1110—Introduction to Radiologic Technology3 Credits Orientation to radiologic technology as a profession. Adaptation to the hospital, medical team, and radiology department is initiated. Major educational areas include: basic radiation protection, medical ethics, patient-technologist relationships, general patient care, mechanics, special patient care, and oxygen therapy. (Corequisite: RDT 1000) 1 hour lecture—3 hours laboratory—4 hours clinical experience
R	Basic principles of radiographic positioning I
R	RDT 1220—Radiographic Positioning I
R	Continuation of Radiographic Positioning III

RDT 1310—Radiographic Principles I
This course studies X-ray film, mixing solutions, development process, rinsing process, fixing process, drying process, automatic processing, production and properties of X-rays, radiographic terms, and silver image formation. (Corequisite: RDT 1000)
3 hours lecture—3 hours laboratory
RDT 1320—Radiographic Principles II
RDT 1330—Radiographic Principles III
RDT 1410—Terminology
Introduction to the word building system through analysis of the elements of medical terms and combining forms. Spelling and oral activities are included. Emphasis is directed to medical terms pertaining to radiology. (Corequisite: RDT 1000)
RDT 1510—Radiographic Film Evaluation I1 Credit
Evaluation of films exposed by the students. Specific aspects emphasized are: clinical data, technique, collimation and shielding, positioning, anatomy and radiographic quality. (Prerequisite: RDT 1210)
RDT 1520—Radiographic Film Evaluation II
RDT 1610—Radiation Physics I
RDT 2040—Clinical Education V
RDT 2050—Clinical Education VI
Continuation of Clinical Education V. In addition to the clinical experience of this course, two weeks of 40 hours clinical experience during the intersession are required. (Prerequisite: RDT 2040) 32 hours clinical experience
RDT 2060—Clinical Education VII

RDT 2070—Clinical Education VIII
RDT 2210—Radiographic Positioning IV
RDT 2610—Radiation Physics II
RDT 2620—Radiation Physics III
RDT 2710—Special Examinations and Equipment I
RDT 2720—Special Examinations and Equipment II
RDT 2810—Radiation Protection
RDT 2910—Radiographic Pathology
RDT 2915—Radiologic Technology Seminar I
RÖT 2925—Radiologic Technology Seminar II

READING

REA 1010—Developmental Reading and Study Skills I3 Credits
This course is designed to assist the student in developing reading skills
that are necessary for college success. The materials surveyed will be in
the humanities, the social sciences, science, and mathematics. Study
skills are presented in accordance with each student's needs, as determined through pretesting and individual conferences.

3 hours per week-lecture and laboratory

REA 1020—Developmental Reading and Study Skills II3 Credits
Continuation of Reading 1010.

3 hours per week—lecture and laboratory

3 hours per week-lecture and laboratory

3 hours per week.

RECREATION

projects.

REC 1310—Arts and Crafts
REC 2010—Organization and Administration in Recreation3 Credits A study of essential elements and basic principles involved in the organizations, supervision, promotion, and evaluation of various types of recreation programs. Emphasis is on organized programs and services.
REC 2310—Water Sports
REC 2410—Field Work3 Credits
A course designed to give the recreation student practical experience under supervision. The first experience should have the student working with an agency leader as a junior leader. Exposure to leadership responsibilities of planning, conducting, and evaluating an activity or program should result.
REC 2510—Introduction to Marine Management
REC 2520—Small Craft Operations
REC 2610—Camp Crafts
REC 2710—Park Administration
REC 2720—Facilities Planning and Maintenance

and demonstrations applicable to camp life.

Principles, materials, methods, and practice in planning and directing recreation SECRETARIAL SCIENCE SSC 1010—Typing I3 Credits Development of techniques in touch typewriting and the introduction of skills involved in composing at the typewriter, typing letters, typing simple tabulations, and typing manuscripts. 5 hours per week-lecture and laboratory Continued development of typewriting techniques with emphasis on increasing speed and accuracy in typing business reports, correspondence, tabulations, and manuscripts. (Prerequisite: SSC 1010 or equivalent) 5 hours per week—lecture and laboratory Continued emphasis on speed and accuracy building with more emphasis on timed production on various types of business materials. Training on various typewriters including the Executive, Selectric II, and Decimal Tab typewriters. (Prerequisite: SSC 1020 or equivalent) 5 hours per week—lecture and laboratory Theory of Gregg Shorthand, Diamond Jubilee Series; development of dictation and transcription abilities. 5 hours per week—lecture and laboratory SSC 1120—Shorthand II 5 Credits Further application of principles of Gregg Shorthand, DJS, to the development of ability to read, write, and transcribe shorthand outlines. Transcription on the typewriter is introduced with emphasis on transcribing skills. Mailable transcripts are introduced. (Prerequisite: SSC 1110 or equivalent) 5 hours per week—lecture and laboratory SSC 1130—Shorthand III5 Credits Continued development of dictation and transcribing skills and increased emphasis on speed building and mailable transcripts. (Prerequisite: SSC 1120 or equivalent) 5 hours per week—lecture and laboratory Development of skill in transcribing dictation on dictation/transcription equipment with emphasis on grammar, punctuation, spelling, letter style and form, etc. Emphasis is placed on mailable copy. (Prerequisite: SSC 1010) Continuation of speed and accuracy building with emphasis on mailabil-

5 hours per week-lecture and laboratory

ity. (Prerequisite: SSC 1030 or equivalent)

1/6	ROANE STATE COMMUNITY COLLEGE
Improvement of ability to take dicta emphasis on the development of 1130 or equivalent)	tion and transcribe mailable copy with job competency. (Prerequisite: SSC lecture and laboratory
A study of the principles and technic knowledge of office materials, job	ques of office procedures, including a interview techniques, job application and office duties. (Prerequisite: SSC
	erminology and preparation of basic Designed for student or secretary with
law office management and resear	

SOCIAL SCIENCE

and alphabetic and geographic filing techniques.

SOCIOLOGY

SOC 2010—Introduction to Sociology	3 Credits
A general survey of human social relationships.	
SOC 2020—Social Institutions	3 Credits
A sociological analysis of American society. Emphasis is place	
power, mass society, as well as the nature and structure of m	ajor social
institutions	

SOC 2030—Social Problems3 Credits A study of a number of problems in American society including their origins, extent, nature, causal factors, and suggested solutions. Problem examples include such topics as urbanization, family disorganization, crime and criminal justice, population and environmental challenges. SOC 2110—Introduction to Cultural Anthropology3 Credits An introduction to the principles, concepts, methods, and scope of anthropology. Emphasis is placed on the nature of culture and society. cultural adaptation, and differences and similiarities among the cultural components of social organization, economic organization, political organization, language, ideology, technology, and art. SOC 2120—Introduction to Prehistory and Archaeology3 Credits An introductory survey of human origins and prehistoric cultures. Emphasis is placed on the general principles, theoretical orientations, and methods of archaeology. SOC 2130—Introduction to Criminology3 Credits An analysis of the nature and extent of crime. Emphasis is placed on criminal and delinquent behavior and theories of causation; the criminal personality and career orientation; and principles and theories of prevention, control, and treatment. SOC 2140—Marriage and the Family 3 Credits An analytical and practical examination of the family as a unit of interacting individuals with emphasis on socialization, family pathology, social change, and the future of the family. SOC 2150—Energy and Society 3 Credits See course description for Coal Mining Technology (CMT) 1610. SPANISH SPA 1010—Beginning Spanish I 3 Credits (No prerequisite) (Prerequisite: SPA 1010) Elementary grammar, pronunciation and conversation through use of films, videotapes, cassette tapes, filmstrips and computer programs. (Laboratory required.) (Prerequisite: SPA 1020) (Prerequisite: SPA 1030) (Prerequisite: SPA 2010)

(Laboratory required.) (Prerequisite: SPA 2020)

SPEECH

0. 220
SPE 1020—Voice and Articulation
SPE 2410—Basic Speech Communication
SPE 2430—Interpersonal Communication
SPE 2440—Business and Professional Speaking
SPE 2450—Debate
SPE 2710—Oral Interpretation
SPE 2720—Fundamentals of Acting
SPE 2730—Introduction to Theatre
SPE 2740—Fundamentals of Theatrical Production

TECHNOLOGY

TEC 1010—Man and Technology I	.2-3 Credits
An introductory course which analyzes the problems that have	
in American society because of technological change. The	he scientific
method as it applies to the world of work is considered. I	Primarily for
special technology programs.	
TEC 1020—Man and Technology II	

A continuation of TEC 1010. Emphasis is placed on getting a job, job interview skills, job applications, good work habits, etc. Primarily for special technology programs.

Councils and Committees

EXECUTIVE COUNCIL

President
Dean of Instruction
Dean of Student Personnel Services
Dean of Administrative Services
Business Manager
Director of Personnel and Affirmative Action
Administrator, Oak Ridge Site

COLLEGE COMMITTEES

Academic/Curriculum Council
Admissions and Retentions Committee
Athletic Committee
Awards and Graduation Committee
Cafeteria Committee
Community Services Committee
Discipline Committee
Executive Council
Faculty Council
Financial Aid Committee
Library Committee
Professional Growth Committee
Publications Committee
Social, Concerts, Lectures Committee

THE PRESIDENT'S ROUND TABLES

The President of Roane State Community College periodically schedules an "open hour" for student organization officers and any other interested members of the student body. The student round table is scheduled weekly in the student center.

An "open hour" for faculty to discuss matters of concern is scheduled weekly, also. The President's Round Table for Faculty is scheduled in the faculty office areas.

Definition of Terms

- Admission—Acceptance of a candidate for enrollment.
- Admission to Advanced Standing—Granted on the basis of credits earned in another college or on the basis of demonstrated educational attainment beyond the minimum required for admission.
- Adviser, Advisee—The adviser, or counselor, is the instructor assigned to help the student with his/her academic problems. The student is called the advisee.
- **Average, Grade Point**—A measure of average scholastic success obtained by dividing the total number of grade points earned by the total number of hours of course work attempted.
- Calendar—The division of the full calendar year. The quarter calendar is composed of three regular terms per year with about ten weeks per term of instruction excluding final examinations in a school year of about the same over-all length as under a semester system, running from September through early June, with the fourth quarter as a summer session.
- Classification—Student status in respect to progress toward the completion of his/her curriculum based upon the number of hours or courses to his/her credit at the time of registration and scholarship achievement required for advancement to another class.
- **Course**—Organized subject matter in which instruction is offered within a given period of time and for which credit toward graduation or certification is usually given.
- Course Number—Identifies class level and distinguishes it from other courses in a given area of study.
- Course Corequisite—When two or more classes are required simultaneously.
- Course Prerequisite—A preliminary requirement that must be met before a certain course may be taken.
- Credit Hours (Quarter Hour)—Defined by the number of hours per week in class and the number of weeks in the quarter. One quarter hour is usually assigned to a class that meets fifty minutes a week during a quarter or laboratory type instruction that meets two to four hours a week for a quarter or a combination of class and laboratory meetings depending upon the type of instruction and material covered. Therefore, a three-hour non-laboratory course would in general meet three hours each week during the quarter; and the credit earned would be THREE QUARTER HOURS. A total of 99 quarter hours is the minimum required for graduation.
- **Curriculum**—The whole body of courses offered for study.
- **Dean's List**—Common designation for the published list of students who have made an honor average for the term.
- **Degree (Earned)**—Title bestowed as official recognition for the completion of a curriculum.
- **Degree, Associate**—Granted upon completion of an education program of less than four years of college work, generally for the completion of the curriculum.

- Degree Student—One who has fulfilled the admissions requirements and who is pursuing an Associate Degree program, referred to by some colleges as a regular student.
- **Department**—An area which offers instruction in a particular branch of knowledge.
- **Developmental Studies**—A program of studies in various areas designed to give the student background prerequisite to college level studies.
- Dismissal (Academic)—Involuntary separation of a student from his/her college because he/she has not met the academic requirements.
- **Dismissal (Disciplinary)**—Involuntary separation of a student from his/her college as a result of action taken because of misconduct.
- Division—A group of related departments, such as the Humanities Division.
- **Elective**—A subject or course which the student may choose as distinguished from courses which are required.
- Financial Aid, Student—Assistance to students in the form of "gift" aid (scholarships and grants) and "self-help" aid (loans and part-time employment). It is usually based on financial need and is used for expenses related to attending college (fees, books, transportation, room and board, and miscellaneous).
- **Full-Time Student**—One who is carrying at least seventy-five percent of the normal student hour load. Twelve quarter hours is commonly accepted as a minimum load for a full-time student.
- Grant-in-Aid—A gift of money made without regard to academic excellence to a student who possesses certain talent sought or valued by an institution, such as "Athletic Grant-in-Aid," "Music Grant-in-Aid," etc., usually, although not always, made without regard to financial need.
- **Major**—The student's primary field of interest. The field of concentration may fall within a single department of instruction or may overlap several departments. In the latter case, the major is described as a division major.
- Minor—The student's field of secondary emphasis.
- Part-Time Student—One who is carrying an academic schedule of less than 12 hours.
- Probation—Probation status may be for academic or for disciplinary reasons. Academic probation is the result of unsatisfactory scholarship. It is not a penalty but a warning and an opportunity to improve. Academic probation usually involves a compulsory reduction of academic load and interviews for diagnosis of difficulties and for checking on recovery. Sometimes it brings a required restriction of extracurricular activities and general surveillance. Usually the student is required to make regular specified improvement in his/her record in order to avoid disqualification. Disciplinary probation is a middle status between good standing or dismissal. The student remains enrolled but under stated conditions according to the college policies. Disciplinary probation covers a stated trial period during which it is determined whether the student is returned to good standing, having met the stated requirements, or dismissed or suspended at the end of the period for failing to meet the stated requirements.

- **Quarter**—A fourth of a school year. Three quarters constitute the academic year.
- Reinstatement—The act of readmitting a student after he/she has been dismissed.
- **Section Number**—Refers to the specific class of the course for which the student is enrolled.
- Special Student—One who is not pursuing an Associate Degree program. Special students either do not fulfill minimum requirements for entrance as degree students or have been permitted to audit a limited or special selection of degree credit courses without regard to degree requirements.
- Suspension—Involuntary separation of the student from the College is implied by the term suspension. It may not be a permanent separation but neither is a definite time set when return is expected.
- **Transfer Student**—A student who has withdrawn from one college and is admitted to another.
- **Transient Student**—A student in good standing in any recognized college who is taking work in another college to transfer back to his/her college.
- Withdrawal—A release from enrollment. A student notifies the appropriate authorities, thereby making it an Official Withdrawal. When the student merely stops attending classes without notifying the authorities, failing marks are recorded and charged against him/her. This is termed Unofficial Withdrawal.

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