

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

### ROANE STATE COMMUNITY COLLEGE

HARRIMAN, TENNESSEE 37748



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.

#### **GENERAL CATALOG 1977-78**

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

Vol. 7 No. 1

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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 1977-78

# **SUMMER QUARTER 1977\***

First Session
June 8RegistrationJune 10Classes begin (see summer schedule)June 14Last day to add classes or register lateJune 30Last day to withdraw from classesJuly 4Holiday—Independence DayJuly 15Last class
Second Session
July 18Classes beginJuly 20Last day to add classes or register lateAugust 5Last day to withdraw from classesAugust 19Last class
Full Term
June 8RegistrationJune 10Classes beginJune 17Last day to add classes or register lateJuly 4Holiday—Independence DayJuly 22Last day to withdraw from classesAugust 15-19Last classAugust 22Grades due in Admissions Office
FALL QUARTER 1977
September 19. Registration September 22 Classes begin September 29. Last day to add classes or register late November 4 Last day to change from audit to credit or credit to audit November 4 Last day to withdraw from classes November 24-25 Thanksgiving Holidays December 2 Last class December 5 Grades due in Admissions Office
WINTER QUARTER 1978
January 3

<sup>\*</sup>See page 23 for registration procedures and fees for Summer Quarter.

<sup>\*\*</sup>These days may be holidays for students and faculty depending on weather conditions during Winter Quarter.

# **SPRING QUARTER 1978**

March 22	ay
April 3Last day to add classes or register la	te
May 5	
June 2Last cla	SS
June 3   Graduatic     June 5   Grades due in Admissions Office	

# **SUMMER QUARTER 1978\***

# **First Session**

June 7	Registration
June 9	
June 13Last day to add classes or	register late
June 29Last day to withdraw f	rom classes
July 4	ndence Dav
Julý 14	Last class

# **Second Session**

July 19	Last day to add classes
August 4	Last day to withdraw from classes
	Last class

# **Full Term**

June 7	
	Classes begin
	Last day to add classes or register late
July 21	Last day to withdraw from classes
	Last class
August 21	Grades due in Admissions Office

<sup>\*</sup>See page 23 for registration procedures and fees for Summer Quarter.

JANUARY  S M T W T F S  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY  3 M T W T F 5  1 2 3 4 5  6 7 8 9 10 11 12  13 14 15 16 17 18 19  20 21 22 23 24 25 26  27 28	MARCH  5 M T W T F S  6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	APRIL    S M T W T S   1 2     3 4 5 6 7 8 9     10 11 12 13 14 15 16     17 18 19 20 21 22 23     24 25 26 27 28 29 30
MAY    S M T W T F S     1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JUNE	JULY  5 M T W T F S  1 2  3 4 5 6 7 8 9  10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	AUGUST  5 M T W T F S  1 2 3 4 5 6  7 8 9 10 11 12 13  14 15 16 17 18 19 20  21 22 23 24 25 26 27  28 29 30 31
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JANUARY	FEBRUARY	MARCH	APRIL
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MAY  1 2 3 4 5 6  7 8 9 10 11 12 13  14 15 16 17 18 19 20  21 22 23 24 25 26 27  28 29 30 31	JUNE  5 M T W T F S  1 2 3  4 5 6 7 8 9 10  11 12 13 14 15 16 17  18 19 20 21 2223 24  25 26 27 28 29 30	JULY  3 M 1 W 1 5 1  2 3 4 5 6 7 8  9 10 11 12 13 14 15  16 17 18 19 20 21 22  23 24 25 26 27 28 29  30 31	AUGUST  5 M T W T F 5  1 2 3 4 5  6 7 8 9 10 11 12  13 14 15 16 17 18 19  20 21 22 23 24 25 26  27 28 29 30 31
SEPTEMBER  5 M T W T 7 5  1 2  3 4 5 6 7 8 9  10 11 12 13 14 15 16  17 18 19 20 21 22 23  24 25 26 27 28 29 30	OCTOBER    S M T W T F S     1 2 3 4 5 6 7-8 9 10 11 12 13 14     15 16 17 18 19 20 21     22 23 24 25 26 27 28     29 30 31	NOVEMBER    S M T W T F S	DECEMBER    S M   T W   T   S

#### 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	Murfreesboro
Mr. Dale Glover	Obion
Mr. J. Frank Taylor	
Mrs. Johnella H. Martin	
Dr. Claude C. Bond	Chattanooga
Miss Ella V. Ross	Johnson City
Mr. Charles J. Liner	
Mr. George M. Klepper, Jr	Memphis
Mr. J. Howard Warf	Hohenwald
Mr. David White	
Mr. J.C. Eoff, Jr	Tullahoma
Mr. Anthony A. Seaton (Student Member)	Johnson City



State Board of Regents—Seated, left to right: Miss Ella V. Ross, Johnson City; Mrs. Johnella Martin, Nashville; James H. Jones Jr., Mt. Pleasant, Vice-Chairman; Dr. Roy S. Nicks, Chancellor; Dale Glover, Obion; and J. Howard Warf, Hohenwald; Second row, left to right: Dr. C. C. Bond, Chattanooga; Dr. Sam P. Ingram, Tennessee Education Commissioner; Anthony A. Seaton, Johnson City (student member); J. C. Eoff Jr., Tullahoma; David White, Knoxville; J. Frank Taylor, Huntingdon; Dr. Kenneth Ezell, Murfreesboro; and Charles J. (Buddy) Liner, Athens. Also on the board, but not pictured, are Gov. Ray Blanton, Chairman; Dr. G. Wayne Brown, Executive Director of the Tennessee Higher Education Commission; Edward S. Porter, Tennessee Commissioner of Agriculture; and George M. Klepper Jr., Memphis.

# ROANE STATE COMMUNITY COLLEGE

# **COLLEGE PERSONNEL**

Exec	utive Officers
De De De Bu	esident
Adm	inistrative Officers
Di. Di. Di. Lil Di. Di. Di. Di.	rector of Community Services PAUL E. GOLDBERG rector of Continuing Education MARTHA C. KNOX rector of Cooperative Programs and Placement LINDA H. ISABEL rector of Student Financial Aid JULIA A. NISWANDER rector of Admissions and Records LOUISE R. GREENE rector of Admissions and Records LOUISE R. GREENE rector of Computer Services (Acting) GERALD H. NELSON rector of Public Information JAMES A. JOYCE rector of Guidance and Counseling GARY G. DUNFORD rector of Resource Development HENRY H. COOPER rector intendent of Maintenance and Security KINCH M. YORK
Divis	sional Heads
Ch Ch Ch	airperson, Division of Career Education
Depa	artment Heads
De De De	partment of Allied Health

# ADMINISTRATION AND FACULTY

۸	DAMS, SUSAN K
Л	B.S., Middle Tennessee State University—Health, Physical Education,
	Recreation M.Ed., Middle Tennessee State University—Health, Physical Education,
	Recreation
A	LLEN, J. PHILLIP
	Assistant Professor of Athletics
	B.S., Western Kentucky University—Physical Education
	M.S., University of Tennessee—Recreation
Α	TKINSON, EDWARD R., JR Assistant Professor of Psychology
	B. A., Southwestern at Memphis—English
	M.A., George Peabody College—English M.A., Austin Peay State University—Psychology
_	
В	AILEY, LEONARD C
	M.B.A., Pace University—Business Administration
D	ARNES, DELORISE C
D	B.S., Livingston College—Business Education
	M.S., University of Tennessee—Office Administration, Educational
	Psychology Psychology
	Additional Graduate Work, University of Tennessee
В	ARNES, R. VERLE
	A.B.J., University of Georgia—Magazine and Newspaper Journalism
	M.A., University of Georgia—Journalism and Communication
	Additional Graduate Work, University of Florida
В	ILBREY, JUNE A
	R.N., Fort Sanders School of Nursing—Nursing
	OULDIN, C. LARRY
	B.A., David Lipscomb College—Mathematics
	M.S., Middle Tennessee State University—Mathematics
_	Additional Graduate Work, University of Tennessee—Education
	REAZEALE, WAYNE L
	B.S., University of Kentucky—Business Administration
	M.S., University of Tennessee—Guidance Ph.D., University of Tennessee—Educational Psychology and Guidance
	ROWN, JAMES E
	B.A., Athens College—Art
	M.A., University of Alabama—Art
	Additional Graduate Work, University of North Carolina
	RYANT, GAY D
	B.S., West Georgia College—Business Education
	M.S., University of Tennessee—Business Education
	YRNE, THOMAS E
	B.S., Tennessee Technological University—Biology
	M.S., Tennessee Technological University—Biology

CALVERT, MARJORIE H
B.A., Skidmore College—Psychology
M.L.S., Rutgers University—Library Service
CHARTON, FRANK L Department Head, Energy and Resource Management
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
A.B., Birmingham-Southern College—Religion and Philosophy, Spanish
A.B., Britingham-Southern Conege—Kengion and Finosophy, Spanish Additional Graduate Work, University of Tennessee
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
English and Reading
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
English and Reading
B.S., University of Tennessee—Education
Additional Graduate Work, University of Tennessee

FISHER, BRUCE A
FISHER, NANCY H
A.B., Women's College, University of North Carolina—English M.A., Florida State University—English Ph.D., University of Tennessee—English
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A.B., Carson-Newman—Bible, Religious Education M.S., University of Tennessee—Music Education
GEBBIA, PHILIP P
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M.A., East Tennessee State University—Sociology Additional Graduate Work, University of Tennessee
GLOVER, IRVING T Assistant Professor of Chemistry
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M.Ed., University of North Carolina—Education
Ph.D., University of Virginia—Chemistry
GOLDBERG, PAUL EDirector of Community Services
B.S., University of Tennessee—Economics
M.S., University of Tennessee—Geography
Ed.D., University of Tennessee—Educational Administration and Supervi-
sion
GREENE, LOUISE R
B.S., University of Tennessee—History
M.S., University of Tennessee—Educational Administration and Supervision
sion
GUINN, GERALD E
Maryville College
HAMMOND, JAMES M
B.A., Tennessee Wesleyan—English M.A., Middle Tennessee State University—English
HEIDINGER, GARY L
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M.A., George Peabody College—History Additional Graduate Work, University of Mississippi, Auburn University,
Alabama A & M University, and University of Tennessee
HOAGLAND, JUDY K
B.S., Middle Tennessee State—Political Science
M. A., University of Tennessee—Political Science
HOAGLAND, WILLIAM M
B.S., Lambuth College—History
M.S.S., University of Mississippi—History
Additional Graduate Work, University of Tennessee
•

HOLDER, MABRE M
HOWARD, BENJAMIN S
HOWARD, REBECCA M
INGWERSEN, INA J
ISABEL, LINDA H
B.S., Le Moyne College—Mathematics M.S.E., Arkansas State University—Guidance
JENKINS, MARGARET G
JOHNSON, J. ALTON
JOHNSON, JUDITH M
B.S., University of Tennessee—Psychology M.S., University of Tennessee—Adult and Continuing Education
JONES, KATHY R
JORDAN, BERNARD E
JOYCE, JAMES A
KARR, CLAIRE E
KENNEDY, STEPHEN D

KIRKPATRICK, MELVIN A		
Assistant Professor of Mathematics B.S., Tennessee Technological University—Mathematics, Secondary Edu-		
cation M.S.T., Middle Tennessee State University—Mathematics		
Additional Graduate Work, University of Tennessee		
KLIMA, B. BARTLEY Department Head, Engineering Technology Instructor of Chemical Engineering B.S., Georgia Institute of Technology—Chemical Engineering		
KNOX, MARTHA CDirector of Continuing Education		
A.B., University of Tennessee—English		
M.A., University of Tennessee—English		
Additional Graduate Work, University of Tennessee		
KRING, JAMES B		
B.S., Maryville College—Biology		
M.S., University of Tennessee—Botany		
LANDERS, ANDY G Assistant Professor of Physical Education		
B.S., Tennessee Technological University—Health and Physical Education M.A., Tennessee Technological University—Health and Physical Education		
MARSALIS, W. CARROLL		
Associate Professor of Political Science		
B.A., Mississippi College—Political Science, Constitutional Law		
M.A., University of Mississippi—Political Science		
Additional Graduate Work, Auburn University		
MARTIN, FREDRIC HDean of Administrative Services		
B.S., University of Tennessee—Science Education		
M.S., University of Tennessee—Science Education		
Ed. D., University of Tennessee—Curriculum and Instruction		
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		
B.S., Indiana University—Medical Records Administration		
R.R.A., Registered Record Administrator		
MOORE, MICHAEL L		
B.S., Indiana University—Business Administration		
M.B.A., University of Tennessee—Accounting		
C.P.A., State of Tennessee		
NAMKUNG, I. AGNESAssistant Professor of Computer Science		
B.S., Korea University—Mathematics		
M.S., University of Tennessee—Computer Science		
M.Ed., Yonsei University—Mathematics		
Ed. D., University of Tennessee—Curriculum and Instruction		

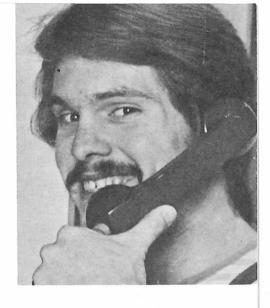
NEEDHAM, JOHN R
NELSON, GERALD H
NISWANDER, JULIA A
ORTON, THOMAS H
PARKS, REBECCA L
PARSONS, STEVE J
PATTON, WALTER S
POLLARD, OWEN J
PORTERFIELD, DELLA N
POULIN, GERALD D
POWERS, ANNE D
RANDOLPH, HELEN E
RUDOLPH, JOHNNIE J
SAFDIE, ROBERT
M.A., Middle Tellilessee State University—General Chilical

SAIDAK, LANCE R
SAMS, EDWIN B
SIENKNECHT, MARTHA E
SIMMONS, LINDA J
SMITH, PHILIP L
SWEET, DAVID G
TEETER, W. SCOTT
THOMAS, BOBBY F Department Head, Business and Economics Instructor of Business
B.S., University of Tennessee—Marketing M.B.A., University of Tennessee—Industrial/Personnel Management
THOMPSON, J. RONALD
THOMPSON, JOANN W
UNDERWOOD, HAROLD L
WINKLES, BILLY B
WOOLLY, JAMES MCoordinator of Music and Band Director Assistant Professor
B.S.E., University of Arkansas—Music M.S.E., University of Arkansas—Music Ph.D., University of Southern Mississippi—Music
WORKS, LARRY P

Additional Graduate Work, University of Wyoming









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. This new building has become increasingly important due to the tremendous growth of the college. From Fall Quarter 1973 to Fall Quarter 1976, enrollment at the college increased 125 percent.

#### 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**

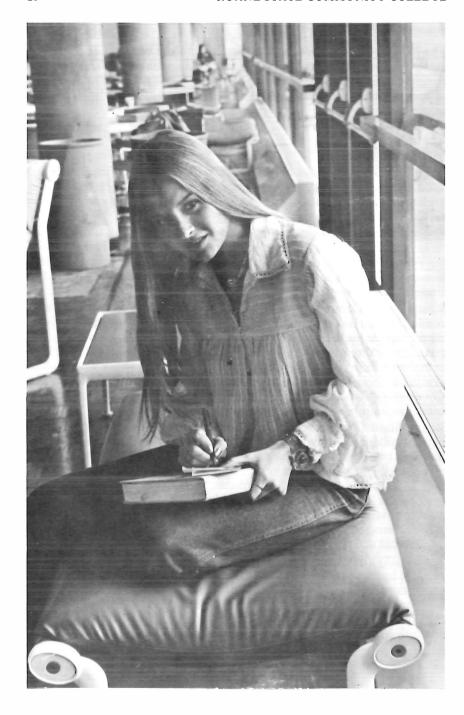
The educational offerings of Roane State Community College are based upon the belief that development of the individual for a useful and productive life in a democratic society is a primary obligation of the public educational system.

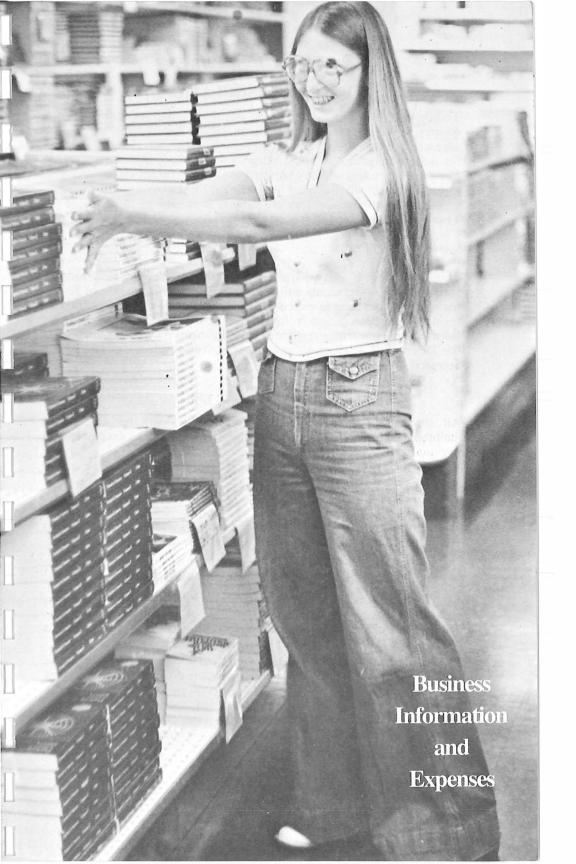
Roane State Community College accepts as its purpose the development of the cultural, intellectual, physical, and vocational resources of the people of the surrounding area through qualified teaching, professional counseling and guidance, and comprehensive services offered to students and community.

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. 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.

NO DEFERRAL OF FEES AND TUITIONS.

#### **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.

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.

#### SUMMER QUARTER FEES

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

Students may register for the entire quarter, for the two separate terms, or for only one of the separate terms. 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 11 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 election, he 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.

Summer school refunds will follow a posted schedule different from the regular refund schedule.

#### **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.
- Late Registration Fee—Students failing to complete the registration requirements on the appointed registration day will be assessed a late registration fee of \$0.50 per quarter hour not to exceed \$5.00. This fee is not refundable.
- Change of Schedule Fee—Students changing schedules after registration day will be assessed a fee of \$3.00. This fee is not refundable. No charge is made if the change is initiated by the College.

Replacement of Lost I.D. Card—\$1.00

- **Laboratory Fee**—A fee of \$2.50 per quarter is assessed for all biological and physical science courses.
- Physical Education Fees—A fee for certain physical education courses which are conducted in facilities not owned by the College will be assessed at the rate charged by the owner of the facility. This fee is refundable only to the extent allowed by the owner.
- 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

Musical Instrument Rental Fee—\$5.00 per quarter.

Lock or Key Replacement Fee—\$3.00

Late or Early Examination Fee—A \$5.00 fee is assessed for students taking examinations after the appointed time for the examination. Arrangements must have been made with the instructor of the class. No late examination will be administered without the presentation of a paid receipt from the Business Office to the instructor. This fee is not refundable.

**Graduation Fee**—Graduating students are assessed a fee of \$10.00 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.

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.

#### **REFUNDS**

Students withdrawing from class are entitled to a partial refund according to the following schedule:

Period of Enrollment	Percentage of Refund
On or before first class day	100%
Two through seven days	
Eight through fourteen days	
Fifteen through twenty-one days	
Twenty-two through twenty-eight days	
After twenty-eight days	No Refund

Summer school refunds follow a posted schedule different from the regular schedule.

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 or the maximum quarterly tuition and/or maintenance fee.

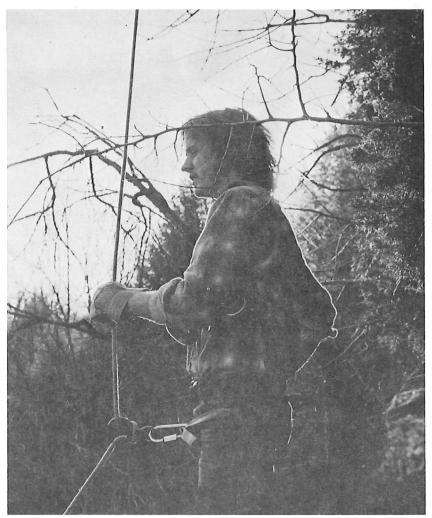
When classes are cancelled by the College, students are entitled to a full refund subject to the limitation in the immediately preceding paragraph.

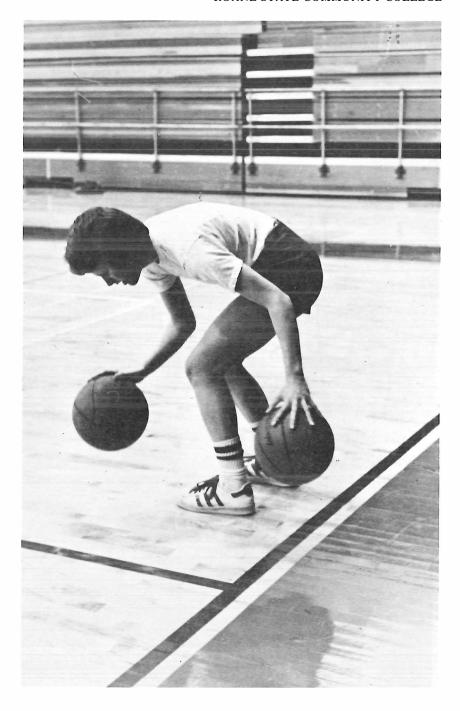
Refunds are calculated from the date of the official notification by the student to the Office of Admissions and Records that he is withdrawing. Students failing to notify the Office of Admissions and Records of withdrawal will forfeit all rights to a refund.

#### **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.

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.









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

- 1. 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.
- 2. File an application for admission and submit a non-refundable application fee of \$5.00. The application form must have all appropriate spaces completed.
- 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, Iowa City, Iowa 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.
- 5. Applicants who have not completed one year of American History in high school must agree to take 9 quarter hours of American History their first year at Roane State.

# TRANSFER STUDENTS FROM OTHER COLLEGES AND UNIVERSITIES

1. Degree seeking applicants who have attended another college or university will be considered a transfer student and will be required

to furnish transcripts of all previous college work from each institution he/she has attended.

- 2. 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 36 quarter hours, an official high school transcript is also required.
- 7. Freshmen transfer students must furnish the college with certified ACT scores. If the transfer student has not taken the ACT, then he may be required to take the ACT battery during his first quarter of attendance at Roane State Community College.

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 has been accepted for admission, or he 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 must have a transcript from the other college submitted and approved before he may reenter. Applications will receive favorable consideration only if the applicant is eligible for readmission under all college regulations.

#### CLASSIFICATION

For administration 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 some work 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.

#### Transfer Student

Admission as a transfer student will be based upon the student's high school record and his success in college. Critical consideration will be given to the conditions under which he 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 recommended 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.

### Special Student—Adult

A student who has passed his 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.

### Foreign Student

An applicant who is not a citizen of the United States is classified as a foreign student. Those applicants whose native language is not English shall, in addition to the requirements for a regular student, submit TOEFL scores and evidence of capability of paying all college and living expenses for one year.

#### ADMISSION WITH ADVANCED STANDING

#### **Advanced Placement**

Under certain conditions advanced placement may be granted. Roane State Community College may grant advanced placement and credit for courses in which the student has demonstrated satisfactory achievement. Each applicant under this plan is to show satisfactory achievement on the College Level Examination Program (CLEP). CLEP scores may be accepted for departmental credit where applicable on a pass/fail basis, using the CLEP Center's recommended cut off scores. Credit earned through the College Level Examination Program is posted on the student's permanent academic record. Students must register for any course for which credit is granted as a result of departmental proficiency examination.

These examinations are scored by CEEB and forwarded to the College. Upon receipt of tests showing satisfactory achievement scores, the College may, with the recommendation of the department concerned evaluate the results and grant advanced placement with credit.

Individual Departments may recommend advanced placement based upon the level of achievement attained on departmentally designed examinations together with an evaluation of the student's background.

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.

All advanced placement must be approved by the Dean of Instruction.

#### Course Exemption

High School graduates with exceptional scholastic records or those who have been enrolled in high school accelerated or honor sections may apply to take proficiency tests in beginning English, history, mathema-

tics, science, or other subjects where exemption may be justified. Applications to take proficiency tests in one or more of the subject areas must be received in letter form by the Office of Admissions at least four weeks prior to the date specified for registration in the college calendar. In English, students making 25 or better on the ACT test may sign up for

In English, students making 25 or better on the ACT test 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 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 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 is building his future and that his good attitude and diligent study will stand him 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.

#### 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

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 will be notified of academic deficiency if after attempting 24 hours at Roane State Community College that student's cumulative GPA is less than 1.5. A student having attempted 60 hours or more at Roane State Community College must maintain a cumulative GPA of 1.75 to avoid academic deficiency status.

# **Academic Suspension**

After one quarter on academic deficiency a student who does not show improvement in his GPA may be placed on academic suspension for one quarter.

Any 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.

#### **Grounds for Dismissal**

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

- 1. Failure to meet minimum academic standards as stated in the above section.
- 2. Conduct of an unacceptable nature (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 finanical 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 3 and 4 with the grade of "W." Withdrawal after this date, must be approved by the Dean of Instruction. 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 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 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 Dean of Instruction 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:

- 1. 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.
- 4. 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 certifiying 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, or

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 student. Other classifications, i.e., special student-credit and special student-non-credit (see pages 30 and 31), are not qualifying.

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.

Current Veterans Administration regulations require that Veterans placed on academic probation must attain a GPA of 1.5, or higher, the first quarter of enrollment following the quarter of academic deficiency, if he has attempted 24-59 hours. If he has attempted 60 hours or more at Roane State, he must attain a GPA of 1.75, or higher, at the end of the first quarter of enrollment following the quarter of academic probation. In any case, the average must be sufficiently high, and must be maintained, to allow graduation without an undue extension of training time. Veterans placed on academic suspension may be required by the Veterans Administration to undergo counseling before educational benefits are reinstated.

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 may not be claimed for pay.

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 has been properly enrolled.

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.

Course substitution must be processed and approved as described on page 52 before a course is claimed for payment. Further information is available from 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.

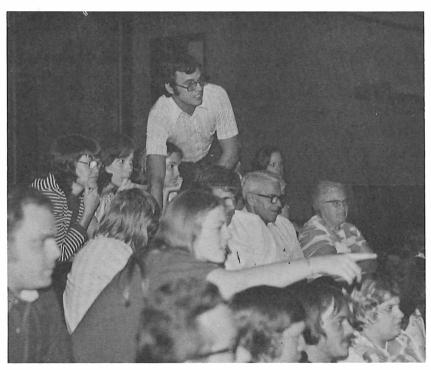
Satisfactory scores on the test enable the person to apply to his high school for an equivalency diploma. Persons who feel inadequately prepared to take the GED test can obtain assistance by taking a course entitled GED Preparation for High School Equivalency Diploma at the college.

#### **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 CENTER**

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

Detailed regulations are contained in the "Student Handbook." It shall be the student's responsibility to familiarize himself 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 in an acceptable way may receive disciplinary dismissal; or, if the proper committee sees fit, he 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 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:

Roane State Community College Academic/Leadership Scholarships American Contract Bridge League Scholarship (Tennessee Valley Unit 165)

Kingston Lions Club Optometry Scholarship

Rockwood Business & Professional Women's Club

Mrs. Joe Bernard Memorial Scholarship

Roane County Council of Home Demonstration Clubs Scholarship Phil Resseguie Memorial Scholarship

Roane State Veterans Club Scholarship

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 Tuition Grants**

In 1971, the Tennessee Student Assistance Corporation was created to administer the Tennessee Tuition Grant 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, 60, or 90 days.

#### PART-TIME EMPLOYMENT

## **College Work-Study Program**

Under the College Work-Study Program, funded jointly by College and Federal Government 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 15 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 should also obtain the application for the Tennessee Tuition Grant and the Basic Educational Opportunity Grant from the College or from high school guidance offices.

June 1st 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.

# **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 advisor 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 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 is participating; (4) must not have won a varsity letter within the last two years at a college in the sport he 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 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.



# Academic Information





# 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 in his 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 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 00) or to withdraw from the College (see page 00) 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. The maximum load is 18 quarter hours of credit. Any student desiring to take more than 18 quarter hours of credit must make application to the Dean of Instruction and be approved prior to registration. A full-time student is one who is carrying 12 or more quarter hours of credit.

#### GRADING SYSTEM

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

	Quality Points Awarded
Grade	Per Quarter Hour
A Outstanding	4
B Above Average	3
C Average	2
D Passing but below average	1
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:

I Incomplete
N Audit: no grade or credit
NC No credit—no grade
P 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 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

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

interpreted as such.

A student may repeat a course upon approval of his 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 the 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 advisor, the Division Chairperson, and the Dean of Instruction. A form for this approval is available from the advisors 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 the student an opportunity to explore interests and abilities in several fields of study so that he/she may plan more realistically for the continuation of his/her 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.

- 3. 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).
- 4. 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

	Minimum Quarter
Area of Study	<b>Hours Required</b>
English Composition	
Humanities <sup>1</sup>	
American History	
Natural/Physical Science <sup>2</sup>	
Mathematics	
Physical Education Activities <sup>3</sup>	

<sup>&</sup>lt;sup>1</sup>Any course offered in the Humanities Division.

#### CAREER EDUCATION CORE CURRICULUM

	Minimum Quarter
Area of Study	Hours Required
American History	
Humanities (To include six hou	
Physical Education Activities	

<sup>&</sup>lt;sup>2</sup>Requirement must be met from the same sequence.

<sup>&</sup>lt;sup>3</sup>Students 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.

#### GRADUATION

All students must complete the general requirements as prescribed by the College and specific requirements set forth for the Associate Degree 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 entered the college or under the catalog in effect at the time of graduation, provided that not more than five years has elapsed in the interim. If more than five years has 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 over-all average 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

Art Music
English Philosophy
Journalism Speech

Language

#### Mathematics and Science

Biology Mathematics Chemistry Physics

General Science

#### Social Science

Geography Psychology History Sociology

Political Science

#### **Career Education**

Business and Commerce
Computer Science
Cooperative Education
Dietetics
Economics
Electronics
Engineering

Hotel-Motel-Restaurant
Management
Medical Records
Military Science
Police Science
Recreation
Secretarial Science

Fire Science 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 advisors 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 advisors 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 may work with the scientist or engineer as a laboratory assistant or on some special assignment involving the skills of the skilled craftsperson. He may work with the medical profession as a technically trained person in the many areas that now exist in medical science. He 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, computer science technology, dietetic technology, electronics technology, fire science technology, general business administration, general clerical, hotel-motel-restaurant management, medical record technology, secretarial science, recreation management, administrative technology, management and supervision technology, and police science. The programs are constructed so that the student may seek employment at the completion of his 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 transfer program.

# **SUMMARY OF PROGRAM OFFERINGS**

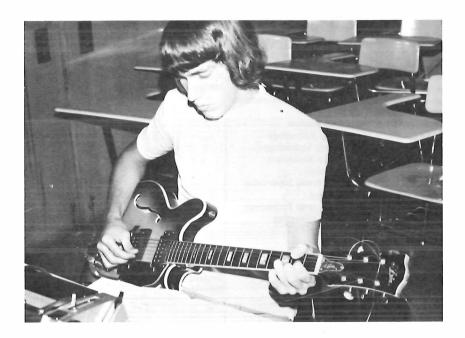
DIVISION	MAJOR	OPTION WITHIN MAJOR	DEGREE
Humanities	General	Art	AA
		General	AA
Humanities		Music	AA
Social Science		Social Science	AA
Humanities	General	Art	AS
Education	-	Art Education	AS
Math/Science		Biology	AS
Career Education		Business Administration	AS
Education		Business Education	AS
Math/Science		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	- 2	Pre-Engineering	AS
Math/Science		Pre-Med, Pre-Dentistry, Pre-Phar	macv AS
Math/Science		Pre-Nursing	AS
Education		Secondary Education	AS
Social Science		Social Science	AS
Education		Special Education	AS
Career Education		Technology	AS
	Computer Technology	1 55	AS
Career Education			AS
	Electrical and Electronics		110
	Technology		AS
Career Education	Engineering Technology	Chemical Engineering	AS
Career Education		Civil Engineering	AS
Career Education		Electrical Engineering	AS
Career Education		Mechanical Engineering	AS
Career Education		Nuclear Engineering	AS
Career Education	General Business Administration	Treeten Zinginierinig	AS
Career Education			AS
	Secretarial Science		AS
	Accounting Technology		AS
	Fire Science Technology		AS
	Hotel-Motel-Restaurant		110
ourou zaaaunun	Management		AS
Career Education	Management and Supervision		110
	Technology		AS
Career Education	Medical Records Technology		AS
Career Education	Operating Engineering Technology		AS
Career Education			AS
	Recreation Management		AS
Career Education	Technology		AS
Career Education	Civil Engineering	Drafting and Design	Certificate
Career Education		Surveying	Certificate
Career Education	Electronics		Certificate
	General Clerical		Certificate

#### 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 students 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 and 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  Humanities <sup>1</sup> Sophomore English  Mathematics <sup>2</sup>	6
HIS 2110, 20, 30	Physical/Natural Science <sup>3</sup> Survey of American History Physical Education Activity.	I, II, III9
		TOTAL 48

<sup>&</sup>lt;sup>1</sup>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.

<sup>&</sup>lt;sup>2</sup>If not specified in option selected, student may choose any mathematics course offered.

<sup>&</sup>lt;sup>3</sup>If 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	9
	Art Electives	12
SPE 2410	Basic Speech Communication	3
	Social Science	6 -
	Electives <sup>1</sup>	12
		_
	Option Sub-total	51
	Core Requirements	48
	TOT	ΓAL 99

<sup>&</sup>lt;sup>1</sup>To 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.

	Catalog	Course	Quarter
1	Number	Title	Hours
	ART 1110	Basic Studio I	3
ŀ	ART 1810	School Art	3
	ART 2010, 20, 30	Art History Survey I, II, III	9
1	EDU 2010	Introduction to Education	
	HEA 2210	Personal Health	3
	MAT 2310, 20	Concepts of Mathematics I, II	6
	PSY 1010, 20	General Psychology I, II	6
	PSY 2210	Educational Psychology	3
	SPE 2410	Basic Speech Communication	3
		Art Electives	
1		Social Science Electives	
		Sophomore English (In addition to	0
1		core requirements)	
		Electives	6
De la			-
		Option Sub-total	
		Less the courses which are	– 9
		in the core requirements	
		Core Requirements	48
		mor	
		TO	ΓAL 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	4 4 12 9 9 3
	Option Sub-total  Less the courses which are in the core requirements  Core Requirements	48

<sup>&</sup>lt;sup>1</sup>Students 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.

<sup>&</sup>lt;sup>2</sup>Recommended electives might include additional biology or math, geography, physics, organic chemistry, economics, or psychology.

# SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 2210, 20, 30	Principles of Accounting I, II,	III¹9
ECO 2010, 20, 30	Principles of Economics I, II, I	
MAT 1110, 20, 30	Introduction to Analysis I, II, I	
PSY 1010, 20	General Psychology I, II	
SOC 2010	Introduction to Sociology	
3002010	Electives	
	Option Sub-total	54
	Less the courses which are	
	in the core requirements	
	Core Requirements	
	Core requirements	
	T	ОТАІ 99

<sup>&</sup>lt;sup>1</sup>BUS 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.

Catalog	Course	Quarter
Number	Title	Hours
BIO 1110, 20, 30	General Biology I, II, III	12
BUS 1010	Introduction to Business	3
BUS 2210, 20, 30	Principles of Accounting I, II, III <sup>1</sup>	9
ECO 2010, 20, 30	Principles of Economics I, II, III.	9
EDU 2010	Introduction to Education	3
MAT 1110, 20, 30	Introduction to Analysis I, II, III.	9
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
SSC 1010, 20, 30	Typing I, II, III	
SSC 2010	Typing IV	
SPE 2410	Basic Speech Communication	

<sup>&</sup>lt;sup>2</sup>Or MAT 2610, 20.

Sophomore English (In addition to
core requirement)
Shorthand I, II, III <sup>2</sup> 0-15
Shorthand IV <sup>2</sup> 0-5
Option Sub-total72-92
Less the courses which are
in the core requirements $\dots -21$
Core Requirements48
<del></del>
TOTAL 99-119

<sup>&</sup>lt;sup>1</sup>BUS 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	Course	Quarter
Number	Title	Hours
CHE 1110, 20, 30	General Chemistry I, II, III	12
CHE 2310, 20, 30	Organic Chemistry I, II, III	12
CHE 2210	Quantitative Analysis	
PHY 2110, 20, 30	Physics I, II, III	
MAT 2610, 20, 30	Calculus and Analytic	
,	Geometry I <sup>1</sup> , II, III <sup>2</sup>	15
	Social Science Electives	6
	Electives	
	Option Sub-total	67
	Less the courses which are	
	in the core requirements	15
8/	Core Requirements	
	-	N <del></del>
	TO	TAL 100

<sup>&</sup>lt;sup>1</sup>Certain students may need MAT 1210 or MAT 1500 before MAT 2610.

<sup>&</sup>lt;sup>2</sup>Taken only if student wishes to be certified in shorthand.

<sup>&</sup>lt;sup>2</sup>MAT 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.

SUMMART OF REQUIRED HOURS			
Catalog	Course	Quarter	
Number	Title	Hours	
ART 1810	School Art	3	
BIO 1110, 20, 30	General Biology I, II, III	12	
EDU 1110	Introduction to Early Childhood		
	Education	3	
EDU 2410	Human Growth and Development.		
EDU 2810	Child Development From Infancy		
	Through Age Eight	3	
EDU 2820	Creative Activities and Experiences	for	
	Young Children	3	
EDU 2910, 20	Prospective Teacher Cooperative		
	Practicum I, II	6	
EDU 2930	Field Experiences in Early Childho	od	
	Education	3	
HEA 2310	Safety and First Aid		
HEA 2410	Community Health		
MAT 2310, 20, 30	Concepts of Mathematics I, II, III	9	
MUS 1010	Music Appreciation		
PE D 2810	Teaching Physical Education in the		
	Elementary Schools		
PSY 1010	General Psychology I		
PSY 2210	Educational Psychology		
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		
	TOTA	AL 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	Course	Quarter
Number	Title	Hours
ART 1010	Art Appreciation <sup>1</sup>	3
EDU 2010	Introduction to Education	3
EDU 2710	Reading in the Elementary Schools	
GGY 1010	Physical Geography I	
HEA 2210	Personal Health	3
HEA 2410	Community Health	
MAT 2310, 20, 30	Concepts of Mathematics I, II, III	
PED 2810	Teaching Physical Education in the	
	Elementary Schools	3
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	
SPE 2410	Basic Speech Communication	
	Sophomore English (In addition to	
	core requirement)	3
	Electives <sup>2</sup>	12
*\		
	Option Sub-total	60
	Less the courses which are	
	in the core requirements	9
	Core Requirements	48
		7
	TOTA	L 99

<sup>&</sup>lt;sup>1</sup>Art 1810 may be substituted for Art 1010.

<sup>&</sup>lt;sup>2</sup>The 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 II3
GGY 2110	World Regional Geography I 3
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	Course	Quarter
Number	Title	Hours
	Electives <sup>1</sup>	51
	Option Sub-total	51
	Core Requirements	48
	TO	OTAL 99

<sup>&</sup>lt;sup>1</sup>To 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	Course	Quarter
Number	Title	Hours
BIO 1110, 20, 30	General Biology I, II, III	12
EDU 2010	Introduction to Education	3
HEA 2210	Personal Health	3
HEA 2310	Safety and First Aid	3
HEA 2410	Community Health	
MAT 2310, 20	Concepts of Mathematics I, II	
PED 2710	Introduction to Physical Education	
PED 2720	Teaching Individual and Dual Spo	orts 3
PED 2810	Teaching Physical Education in	
	Elementary Schools	3
PSY 1010, 20	General Psychology I, II	
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	3
SPE 2410	Basic Speech Communication	
	Recreation Electives	
	Social Science Electives	6
	Sophomore English (In addition to	core
	requirement)	
	Electives	
	Option Sub-total	72
	Less the courses which are	
	in the core requirements	21
	Core Requirements	
	ТОТ	TAL 99

#### 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 <sup>1</sup> .	
<b>MATHEMATICS: 28</b>	3 credits to be taken from the foll	owing:28
3MAT 1210	Trigonometry	3
MAT 1310	Symbolic Logic	3
MAT 1500	Pre-Calculus	

MAT 2510	Elementary Statistics3
MAT 2610, 20,	Calculus and Analytic
30, 40	Geometry I, II, III, IV20
MAT 2650	Linear Algebra3
MAT 2710	Differential Equations5
PHY 2110, 20, 30	Physics I, II, III
	Social Science Electives9
	Electives
201 0.7	
	Option Sub-total66
	Less the courses which are
	in the core requirements15
	Core Requirements48
	man tarte intigra a
	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	
W .	Applied Instruction in Music	12

 $<sup>^1\</sup>mathrm{A}$  student choosing a nemphasis in mathematics may substitute a three quarter (12 quarter hour) sequence in biology.

Ensemble
Option Sub-total57 Less the courses which are
in the core requirements6 Core Requirements48
TOTAL 99

<sup>&</sup>lt;sup>1</sup>Must 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.

Catalog		uarter
Number		Hours
EDU 2010	Introduction to Education	3
HEA 2210	Personal Health	3
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
PSY 1010	General Psychology I	
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	
SPE 2410	Basic Speech Communication	
	Applied Instruction to Major Areas	9
	Ensemble	
	÷	
	Option Sub-total	63
	Less the courses which are	
	in the core requirements	6
	Core Requirements	
	·	
	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

Semmant of Regulary Hours		
Catalog	Course	Quarter
Number	Title	Hours
CHE 1110, 20, 30	General Chemistry I, II, III	12
ERG 1010, 20	Engineering Graphics I, II	
ERG 1100	Introduction to Engineering	
ERG 2010, 20	Engineering Mechanics I, II	6
ERG 2110	Thermodynamics	3
MAT 1500	Pre-Calculus <sup>1</sup>	0-5
MAT 2610, 20, 30, 40	Calculus and Analytic	
	Geometry I, II, III, IV	20
MAT 2710	Differential Equations	5
PHY 2110, 20, 30	Physics I, II, III	12
	Electives	5-0
	Option Sub-total	
	Less the courses which are	1.5
	in the core requirements	
	Core Requirements	48
	mam.	
	TOTA	L 105

<sup>&</sup>lt;sup>1</sup>Exceptional 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 choice to determine specific requirements for admission.

### SUMMARY OF REQUIRED HOURS

Catalog Number BIO 1110, 20, 30 CHE 1110, 20, 30 CHE 2310, 20, 30 MAT 1110, 20, 30 PHY 2010, 20, 30	Course Title General Biology I, II, III <sup>1</sup> General Chemistry I, II, III Organic Chemistry I, II, III Introduction to Analysis I, II, General Physics I, II, III Social Science Electives Electives	
	Option Sub-total Less the courses which are in the core requirement Core Requirements	re s15

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	
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
	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 <sup>1</sup>	3
EDU 2010	Introduction to Education	3
HEA 2210	Personal Health	3
HEA 2410	Community Health	3
MAT 2310, 20	Concepts of Mathematics I, II <sup>2</sup>	6
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	3
SPE 2410	Basic Speech Communication	
	Social Science Electives	6

Sophomore English (In addition to core
requirements)
Electives <sup>3</sup>
<u></u>
Option Sub-total60
Less the courses which are
in the core requirements $\dots -9$
Core Requirements48
<u></u>
TOTAL 99

<sup>&</sup>lt;sup>1</sup>MUS 1010 may be substituted for ART 1010.

#### SOCIAL SCIENCE OPTION

The social science curriculum is designed to assist students planning to complete the baccalureate 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 advisor and become acquainted with any pre-transfer requirements the receiving institution may stipulate.

	bemmint of Required hours	
Catalog	Course	Quarter
Number	Title	Hours
SPE 2410	Basic Speech Communication	3
	Sophomore English (In addition to core requirement) <sup>1</sup>	3
	Mathematics (In addition to core requirement)	3
	Humanities Electives <sup>1</sup>	3
	Social Science Electives	42
	Electives <sup>1</sup>	
	Option Sub-total Less the courses which are	57
	in the core requirements	–6
	Core Requirements	48
	TOTA	L 99

<sup>&</sup>lt;sup>1</sup>Students 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.

<sup>&</sup>lt;sup>2</sup>Students planning to teach mathematics should take a higher mathematics sequence.

<sup>&</sup>lt;sup>3</sup>Electives 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.

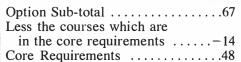
SUMMART OF REQUIRED HOURS		
Catalog	Course Quarter	
Number	Title Hours	
BIO 1110, 20, 30	General Biology I, II, III12	
EDU 1010	Orientation to the Education of the	
	Exceptional Child3	
EDU 2410	Human Growth and Development3	
EDU 2810	Child Development From Infancy Through Age Eight	
EDU 2910, 20	Prospective Teacher Cooperative	
	Practicum I, II6	
MAT 2310, 20, 30	Concepts of Mathematics I, II, III9	
MUS 1010	Music Appreciation3	
PED 2810	Teaching Physical Education in the	
	Elementary Schools3	
PSY 1010, 20	General Psychology I, II6	
PSY 2210	Educational Psychology3	
PSY 2510	Social Psychology3	
SOC 2010	Introduction to Sociology3	
SOC 2020	Social Institutions	
SOC 2110	Introduction to Cultural Anthropology3	
SPE 2410	Basic Speech Communication3	
	Sophomore English (In addition to core requirement)3	
	Electives3	
	Option Sub-total72	
	Less the courses which are	
	in the core requirements21	
	Core Requirements48	
	TOTAL 99	
	TOTAL 99	

#### **TECHNOLOGY OPTION**

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

### **SUMMARY OF REQUIRED HOURS**

Catalog	Course	Quarte
Number	Title	Hours
CST 1010	Introduction to Data Processing	3
CHE 1110, 20	General Chemistry I, II	8
EET 1010, 1020	Electric Circuits I, II	6
EET 1015, 1025	Electric Circuits I, II Lab	2
ERG 1010, 20	Engineering Graphics I, II	
MAT 1050	Algebra and Trigonometry I	5
MAT 1500	Pre-Calculus	5
MAT 2610	Calculus and Analytic Geometry I.	5
PHY 2010, 20, 30	General Physics I, II, III	12
	Technology Electives	15



TOTAL 101





### CAREER EDUCATION PROGRAMS

## 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 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 chooses the scientific option.

Catalog	Course	Quarter
Number	Title_	Hours
	Basic Core	
CST 1010	Introduction to Data Processin	g 3
CST 1020	Introduction to Programming.	3
CST 2310	Introduction to Systems Analysis	sis 3
ENG 1010, 20, 30	Composition I, II, III	9
MAT 2510	Elementary Statistics	3
	Physical Education Activities	3
		7
	т	OTAL 24

Catalog	Course	Quarter
Number	Title	Hours
	<b>Business Emphasis</b>	
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	3
BUS 1820	Finance Mathematics	
BUS 2210, 20, 30	Principles of Accounting I, II, III	
BUS 2910	Management and Supervision I	
CST 2220, 30	COBOL Programming I, II	6
CST 2410, 20	Systems Analysis I, II	6
CST 2510	Advanced Computing and Program	
	Systems	
CST 2610	Management Information Systems	
CST 2700	Management of EDP Function	
ECO 2010, 20, 30	Principles of Economics I, II, III	
HIS 2110, 20, 30	Survey of American History I, II,	
MAT 1050	Algebra and Trigonometry I	
PHL 1310	Symbolic Logic	3
PSY 2610	Psychological Aspects of Manager	
SPE 2440	Business and Professional Speaking	ıg 3
	Social Science Electives	
		-
	Sub-to	tal 77
	TOTA	AL 101
Catalog	Course	Ouarter

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2
.3
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2
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6
5

TOTAL 99

#### 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.

### **SUMMARY OF REQUIRED HOURS**

Catalog Number	Course Title	Quarter Hours
BIO 2310, 20	Anatomy and Physiology I, II	8
BIO 2510	Microbiology	
BUS 1810	Business Mathematics	3
BUS 2910	Management and Supervision I	
CHE 1010, 20, 30	Basic Chemistry I, II, III	
CST 1010	Introduction to Data Processing	
DFT 1010	Fundamentals of Food Service	
DFT 1020	Food Principles	3
DFT 1030	Advanced Menu Planning and Quali	
	Food	
DFT 1810, 20	Field Experience I, II	
DFT 2110	Food Purchasing and Cost Control	
DFT 2210	Principles of Nutrition	
DFT 2220	Therapeutic Nutrition	3
DFT 2310	Food Systems Administration	3
DFT 2410	Sanitation and Safety	3
DFT 2810, 20, 30	Field Experience III, IV, V	
ENG 1010, 20, 30	Composition I, II, III	
HIS 2110, 20, 30	Survey of American History I, II, I	
HMT 2110	Food Distribution	
HMT 2120	Quality Food Preparation	3
PSY 1010	General Psychology I	3
	Physical Education Activities	

TOTAL HOURS 104

## ELECTRICAL AND ELECTRONICS TECHNOLOGY Associate of Science

The Electrical and Electronics Technology program is intended to meet the need in industry for personnel capable of entry and advancement in the highly diversified electronics field involving research development, manufacturing, quality control, installation, and the service of electronic systems.

### **SUMMARY OF REQUIRED HOURS**

Catalog	Course	Quarter
Number	Title	Hours
BUS 1850	Personal Finance	3
EET 1010, 20	Electric Circuits I, II	
EET 1015, 25	Electric Circuits I, II Lab	
EET 1210	Materials and Construction Practice	
EET 1310, 20	Electronics I, II	6
EET 1315, 25	Electronics I, II Lab	2
EET 1410, 20	Electronics Drafting I, II	4
EET 1640	Electrical Wiring	4
EET 2310	Digital Electronics I	3
EET 2315	Digital Electronics I Lab	1
ENG 1010, 20	Composition I, II	
ENG 2820	Technical Writing	
ERG 1010	Engineering Graphics I	
HIS 2110, 20, 30	Survey of American History I, II, I	
MAT 1010, 20	Technical Math I, II <sup>1</sup>	
SOC 2010	Introduction to Sociology	3
	Technical Electives <sup>2</sup>	21
	Natural or Physical Science Elective	s6
	Physical Education Activities	
	Social Science or Humanities Elective	es6
	Electives	3

TOTAL HOURS 101-102

## 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 he will work, (2) the technical training

<sup>&</sup>lt;sup>1</sup>MAT 1050 may be substituted for MAT 1010, 20.

<sup>&</sup>lt;sup>2</sup>To be selected from electrical and electronics courses with Division Chairperson approval.

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	Course	Quarter
Number	Title	Hours
	Core Requirements	
CHE 1110	General Chemistry I	4
CST 2210	FORTRAN Programming	3
EET 1010, 20	Electric Circuits I, II	6
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	
ERG 1110	Applied Mechanics I	3
EET 1010, 20	Electric Circuits I, II	6
HIS 2110, 20, 30	Survey of American History I, II,	
MAT 1050	Algebra and Trigonometry I <sup>1</sup>	5
MAT 1500	Pre-Calculus	5
MAT 2610	Calculus and Analytic Geometry I	5
PHY 2010	General Physics I	4
PHY 2020 or	General Physics II or	
CHE 1120	General Chemistry II	4
	Physical Education Activities	3
	Sub-to	otal 69

<sup>&</sup>lt;sup>1</sup>Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

Catalog	Course	Quarter
Number	Title	Hours
	Chemical Engineering Tech	nology
	Option	
CHE 1120	General Chemistry II (satisfies	core
	requirements)	
CHE 1130	General Chemistry III	4
CHE 2310, 20	Organic Chemistry I, II	8
CHT 2010, 20, 30	Unit Operations I, II, III	9

CHT 2110 CHT 2210, 20 CHT 2410 ERG 1120 ERG 2110	Matter and Energy Balances	
	Sub-total 37	
	TOTAL HOURS 106	
Catalog Number  CET 2010 CET 2110, 20 CET 2210 CET 2220 CET 2250 ERG 2210	Course TitleQuarter HoursCivil Engineering Technology Option3Construction Planning3Surveying I, II8Soil Mechanics3Hydraulics3Structural Analysis3Strength of Materials3Sub-total23	
Plus <i>either</i> of the following technical elective sequences:		
CET 2310 CET 2410 CET 2510 CET 2810	Technology Sequence Concrete Technology	
	Sub-total 12	
	TOTAL HOURS 104	
	OR	
CET 2610 CET 2620 CET 2710 CET 2720	Design Sequence Reinforced Concrete Design	
	TOTAL HOURS 104	

	Catalog	Course	Quarter
	Number	Title	Hours
		Electrical Engineering Technolog	. <b>y</b>
	EET 1015 EET 1025 EET 1310, 20 EET 1315 EET 1325 EET 2310 EET 2315 EET 2510 EET 2515 ERG 2110 PHY 2020	Option  Electric Circuits I Lab  Electric Circuits II Lab  Electronics I, II  Electronics I Lab  Electronics II Lab  Digital Electronics I  Industrial Electronics and Control I  Industrial Electronics and Control I  Lab  Thermodynamics  General Physics II (satisfies core requirement)	1 6 1 3 1 3
		requirement)	
		Sub-tot	tal 21
	EET 1210 EET 1330 EET 2210 EET 2250 EET 2320 EET 2325	Electronics Sequence  Materials and Construction Practice Electronics III	3 1 3 3
		Sub-tota	14
		TOTAL HOUR	-
		OR	
	EET 1610, 20 EET 1630 EET 1635	Power and Industrial Sequence Electrical Systems Design I, II Elements of Electrical Generation, Transmission and Distribution Elements of Electrical Generation, Transmission and Distribution La	3

EET 2520 EET 2525	Industrial Electronics and Control II 3 Industrial Electronics and Control II Lab
	Sub-total 14
	TOTAL HOURS 104
Catalog	Course Quarter Title Hours
Number	Mechanical Engineering Technology Option
CST 1010 ERG 1120 MET 1010, 20 MET 1110 MET 1210 MET 1310 PHY 2020	Introduction to Data Processing
	Sub-total 21
Plus either of the	e following technical elective sequences:
ERG 2210 MET 2010 MET 2110 MET 2210 MET 2310	Design SequenceStrength of Materials3Piping Drafting3Machine Design3Basic Tool Design4Design Problems4
	Sub-total 17
	TOTAL HOURS 107
MET 2410 MET 2510 MET 2610 MET 2710 MET 2810	Production Sequence Methods and Operations Analysis
	TOTAL HOURS 109

a		
Catalog	Course Qua	
Number	Title Ho	urs
	Nuclear Engineering Technology Option	n
ERG 1120	Applied Mechanics II	
ERG 2110	Thermodynamics	.3
MAT 2620	Calculus and Analytic Geometry II	.5
NUC 1010	Introduction to Nuclear Technology	.3
NUC 2010	Nuclear Physics	.3
NUC 2110	Radiation Biology	.3
NUC 2120	Radiation Protection	.3
NUC 2310	Reactor Analysis and Design	
NUC 2510	Nuclear Laboratory	.3
NUC 2710	Radioisotopes	
PHY 2020	General Physics II (satisfies core requirement)	
PHY 2030	General Physics III	.4
	· · · · · · · · · · · · · · · · · · ·	
	Sub-total 3	36
		_
	TOTAL HOURS 10	)5

### **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.

Catalog	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	3
BUS 1820	Finance Mathematics	3
BUS 1850	Personal Finance	3
BUS 2310	Income Tax Accounting—Personal	3
BUS 2320	Income Tax Accounting—Business	3
BUS 2410	Business Machines—Computational	3
BUS 2510	Legal Environment for Business	3
BUS 2520	Business Law	3
CST 1010	Introduction to Data Processing	3

ECO 2010, 20, 30 ENG 1010, 20 ENG 2820 HIS 2110, 20, 30 PSY 1010, 20 PSY 2610 SOC 2010 SPE 2410	Principles of Economics I, I Composition I, II	
Catalog	Course	Quarter
Number	Title	Hours
	Small Business Emphasis	S
BUS 2270, 80	Managerial Accounting I, II	6
BUS 2810	Salesmanship	3
BUS 2830	Marketing	3
BUS 2900	Small Business Management	
		0.11.15
		Sub-total 15
	TOTAL	HOURS 99
Catalog	Course	Quarter
Number	Title	Hours
	General Business Empha	sis
BUS 2210, 20, 30	Principles of Accounting I,	
BUS 2250	Cost Accounting	3
CST 1020	Introduction to Programming	g 3
		· ·
		Sub-total 15
	TOTAI	HOURS 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 provide 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.

### SUMMARY OF REQUIRED HOURS

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Catalog	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	
BUS 2210, 20, 30	Principles of Accounting I, II, III <sup>1</sup>	9
BUS 2410	Business Machines-Computational.	3
BUS 2420	Business Machines-Duplication	3
BUS 2510	Legal Environment for Business	
COE 1010	Cooperative Education I <sup>2</sup>	
CST 1010	Introduction to Data Processing	
ECO 2010, 20	Principles of Economics I, II	
ENG 1010, 20, 30	Composition I, II, III	9
HIS 2110, 20, 30	Survey of American History I, II, I	II9
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Manageme	
SPE 2410	Basic Speech Communication	
SSC 1010, 20, 30	Typing I, II, III	
SSC 1210	Machine Transcription	
SSC 2010	Typing IV	
SSC 2210	Office Practice	3
SSC 2810	Report Writing/Records Management	
	Physical Education Activities	
	Electives	

TOTAL HOURS 102

### 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

<sup>&</sup>lt;sup>1</sup>BUS 2250 Cost Accounting may be substituted for BUS 2230.

<sup>&</sup>lt;sup>2</sup>Or a course approved by the Division Chairman.

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	Course	Quarter
Number	Title	Hours
	Basic Core	
BUS 1010	Introduction to Business	3
BUS 1110	Business Communications	3
BUS 1810	Business Mathematics	3
BUS 2210	Principles of Accounting I	
BUS 2410	Business Machines-Computational	
BUS 2420	Business Machines-Duplication	
BUS 2510	Legal Environment for Business	
COE 1010	Cooperative Education I <sup>1</sup>	
CST 1010	Introduction to Data Processing	
ECO 2010	Principles of Economics I	
ENG 1010, 20	Composition I, II	6
HIS 2110, 20, 30	Survey of American	
, ,	History I, II, III	9
PSY 1010	General Psychology I	3
SPE 2410	Basic Speech Communication	3
SSC 1010, 20, 30	Typing I, II, III	9
SSC 1110, 20, 30	Shorthand I, II, II	15
SSC 1210	Machine Transcription	
SSC 2010	Typing IV	3
SSC 2210	Office Practice	3
SSC 2810	Report Writing/Records Management	nt3
	Physical Education Activities	
		3
	SUB-TOT A	AL 90

<sup>1</sup>Or a course approved by the Division Chairman.

Catalog	Course	Quarter
Number	Title	Hours
	<b>Executive Secretary Emphasis</b>	
BUS 2220	Principles of Accounting II	3
ECO 2020	Principles of Economics II	3
SSC 2110	Shorthand IV	5
		V
	Sub-tota	ıl 11

TOTAL HOURS 101

Catalog	Course	Quarter
Number	Title	Hours
	Legal Secretary Emphasis	
SSC 2310	Legal Secretary I	3
SSC 2320	Legal Secretary II	
SSC 2330	Legal Transcription	
	Su	ıb-total 9
		-
	TOTAL H	OURS 99
Catalog	Course	Quartar
Number	Title	Quarter Hours
n umber	2000	
MDT 1210	Medical Secretary Emphasis	
MRT 1210	Medical Terminology I	
MRT 1220	Medical Terminology II	
MRT 1230	Medical Transcription	3
	Sı	ıb-total 9
	TOTAL H	OURS 99

## 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.

Catalog	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	
BUS 1810	Business Mathematics	3
BUS 1820	Finance Mathematics	3
BUS 2210, 20, 30	Principles of Accounting I, II, III.	
BUS 2250	Cost Accounting	3
BUS 2310, 20	Income Tax Accounting I, II	6
BUS 2410	Business Machines-Computational.	3
BUS 2510	Legal Environment for Business	
BUS 2520	Business Law	3
BUS 2710, 20, 30	Intermediate Accounting I, II, III.	9
CST 1010	Introduction to Data Processing	3
CST 1020	Introduction to Programming	3
CST 2100	Computer Applications in Accounting	ng3

ECO 2010, 20, 30	Principles of Economics I, II, III9
ENG 1010, 20, 30	Composition I, II, III9
ENG 2820	Technical Writing
HIS 2110, 20, 30	Survey of American History I, II, III9
MAT 1110	Introduction to Analysis I
MAT 2510	Elementary Statistics
PSY 2610	Psychological Aspects of Management 3
	Physical Education Activities3
	Electives

TOTAL HOURS 99

### 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 salesmen, fire insurance adjusters, or bureau raters.

Catalog	Course	Quarter
Number	Title	Hours
BUS 2910	Management and Supervision I	3
CST 1010	Introduction to Data Processing	3
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 1020	Municipal Fire Protection	
FST 1030	Industrial Hazards	3
FST 1110	Construction Codes and Fire	
	Protection Standards	3
FST 2010	Fire Fighting Strategy	3
FST 2110	Inspection Principles and Practices	4
FST 2120	Principles of Hydraulics	3
FST 2210	Flammable Materials	3
FST 2230	Water Suppression Systems	3
FST 2510	Fire Protection Equipment and Syste	ems .3
FST 2610	Fire Department Administration	
FST 2620	Seminar	
HEA 2310	Safety and First Aid	

HIS 2110, 20, 30	Survey of American
	History I, II, III9
MAT 1010, 20	Technical Math I, II6
POL 1030	State and Local Government in the U.S. 3
	Natural Science12
	Physical Education Activities3
	9 <del></del>
	momit violing 400

### TOTAL HOURS 103

### HOTEL-MOTEL-RESTAURANT MANAGEMENT

**Associate of Science** 

The Hotel-Motel-Restaurant Management curriculum prepares the student for mid-management employment in the hospitality industry. The team teaching concept is utilized in the program. On-the-job training through cooperative agreements with industry is a unique feature of the course of study.

Catalog	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	3
BUS 1820	Finance Mathematics	3
BUS 2210, 20, 30	Principles of Accounting I, II, III.	
BUS 2410	Business Machines-Computational .	
BUS 2510	Legal Environment for Business	
BUS 2520	Business Law	
BUS 2810	Salesmanship	
BUS 2820	Retailing	
BUS 2910, 20, 30	Management and Supervision I, II,	
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, I	
HMT 1000	Introduction to Hotel-Motel-Restau	rant
	Management	3
HMT 1010	Hotel-Motel Front Office Procedure	2 3
HMT 1110, 20, 30	Hotel-Motel-Restaurant	
	Seminar I, II, III	
HMT 2010	Hotel-Motel-Restaurant Practicum.	3
HMT 2110	Food Distribution	3
HMT 2120	Quality Food Preparation	3
PSY 2610	Psychological Aspects of Manageme	
SPE 2440	Business and Professional Speaking	3
	Physical Education Activities	3

## MANAGEMENT AND SUPERVISION TECHNOLOGY Associate of Science

The 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.

### **SUMMARY OF REQUIRED HOURS**

Catalog Number BUS 1010 BUS 1810 BUS 1820 BUS 1850 BUS 2270, 80 BUS 2410 BUS 2510 BUS 2520 BUS 2820 BUS 2820	Course Title Introduction to Business Business Mathematics Finance Mathematics Personal Finance Managerial Accounting I, II Business Machines-Computational Legal Environment for Business Business Law Salesmanship Retailing	3 3 6 3 3 3
BUS 2520	Business Law	3
20220		3
BUS 2910, 20, 30 BUS 2940	Management and Supervision I, II, Management Seminar	III9
CST 1010 ECO 2010, 20	Introduction to Data Processing Principles of Economics I, II	6
ENG 1010, 20 ENG 2820 FST 1030	Composition I, II	3
HIS 2110, 20, 30 PSY 1010, 20	Survey of American History I, II, General Psychology I, II	III9 6
PSY 2610 SPE 2440	Psychological Aspects of Manageme Business and Professional Speaking Physical Education Activities Electives	3

TOTAL HOURS 99

## MEDICAL RECORDS TECHNOLOGY

### **Associate of Science**

The Medical Records Technology program emphasizes specialized skills in the management of medical records. The medical records technician helps to provide accuracy and efficiency in the management of the patient's records. In smaller health facilities, the medical records

technician is in charge of the medical records room. Application of the didactic instruction is provided through clinical experience in local health facilities. The program is jointly accredited by the American Medical Record Association and the American Medical Association.

### **SUMMARY OF REQUIRED HOURS**

Catalog	Course	Quarter
Number	Title	Hours
BIO 2310, 20, 30	Anatomy and Physiology I, II,	III 12
BUS 1810	Business Mathematics	
CST 1010	Introduction to Data Processing	
ENG 1010, 20, 30	Composition I, II,III	
HIS 2110, 20, 30	Survey of American History I, I	I III 9
MRT 1010, 20, 30	Medical Records I, II, III	
MRT 1010, 20, 30 MRT 1210, 20	Medical Terminology I, II	
MRT 1210, 20 MRT 1230	Medical Transcription	
MRT 2310, 20, 30	Directed Practice I, II, III	0
MRT 2410	Advanced Medical Records	
MRT 2420	Office Supervision for the Medic	
14DE 0400	Record Supervisor	3
MRT 2430	Medical Records Seminar	
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Manag	gement3
SOC 2010	Introduction to Sociology	
SOC 2020	Social Institutions	3
SPE 2440	Business and Professional Speak	
SSC 1010	Typing I (or equivalent)	3
	Physical Education Activities	
	Electives	

TOTAL HOURS 99

# 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.

### SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 1850	Personal Finance	3
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,	
MAT 1010, 20	Technical Math I, II	
OET 1010	General Introduction to Operating	
	Engineering and History of the I	
	Movement	
OET 1020	Introduction to General Constructi	on
	Power Sources	2
OET 1030	Introduction to Basic Power Trains	
	Undercarriages	
OET 1040	Introduction to Basic Electricity,	
	Hydraulics, and Pneumatics	3
OET 1110, 20, 30	Apprenticeship Field	
	Experiences I, II, III	16
OET 1210	Introduction to Fuels, Oils, and	
	Lubricants	2
OET 1220	General Introduction to Welding, I	
	Soils, and Compaction	
OET 1230	Function of Grades and Grade Sta	
OET 1240	Introduction to Construction Equip	
OET 2540, 50	Apprenticeship Field Experiences I	
	Physical Education Activities	
	Program Electives	

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.

### SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 2510	Legal Environment for Business	3
BUS 2910	Management and Supervision I	3
CST 1010	Introduction to Data Processing	,3
ENG 1010, 20	Composition I, II	
ENG 2820	Technical Writing	
FST 1020	Municipal Fire Protection	3
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II,	III9
MAT 1010	Technical Math I	
PST 1010	Introduction to Law Enforcement	3
PST 1110, 20	Police Science I, II	6
PST 2010	Police Administration and Organiza	
PST 2130, 40	Police Science III, IV	6
PST 2200	Seminar in Police Problems	6
POL 1010	Fundamentals of American Govern	ment 3
POL 1020	United States National Governmen	t3
POL 1030	State and Local Government in the	
	United States	3
PSY 1010, 20	General Psychology I, II	6
PSY 2310	Abnormal Psychology	3
PSY 2420	Adolescent Psychology	3
SOC 2010	Introduction to Sociology	3
SOC 2020	Social Institutions	3
SOC 2030	Social Problems	3
SOC 2130	Introduction to Criminology	
	Physical Education Activities	
	Electives	3

TOTAL HOURS 99

# RECREATION MANAGEMENT AND ADMINISTRATION TECHNOLOGY

### **Associate of Science**

The Recreation Management and Administration Technology program leadership curriculum has been designed to provide the postsecondary student with: (1) the basic background information required to understand the environment within which he 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.

Catalog	Course	Quarter
Number	Title	Hours
ART 1810	School Art	3
BUS 1810	Business Mathematics	3
ENG 1010, 20, 30	Composition I, II, III	
,	Biological Science <sup>1</sup>	
HEA 2210	Personal Health	
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, I	
PED 2720	Teaching Individual and Dual Sports	
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Manageme	
REC 1010	Introduction to Recreation	
REC 1020	Social Recreation	
REC 1030	Outdoor Education	3
REC 1110	Team Sports	
REC 1310	Arts and Crafts	
REC 2010	Organization and Administration in	
	Recreation	3
REC 2310	Water Sports	3
REC 2410	Field Work	
SOC 2010	Introduction to Sociology	
SOC 2030	Social Problems	
SPE 2410	Basic Speech Communication	
SPE 2730	Introduction to Theatre	
	Program Electives	
	Physical Education Activities	
	-	-
	TOTAL HOURS	3 105

<sup>&</sup>lt;sup>1</sup>Students desiring an emphasis in Park Administration should take BIO 2210, 20.

### CERTIFICATE OF PROFICIENCY PROGRAMS

## CIVIL ENGINEERING—DRAFTING AND DESIGN (CERTIFICATE)

### **SUMMARY OF REQUIRED HOURS**

	•	
Catalog	Course	Quarter
Number	Title	Hours
CET 2010	Construction Planning	3
CET 2050, 60	Civil Drafting I, II	
CET 2250	Structural Analysis	3
CET 2610	Reinforced Concrete Design	
CET 2620	Advanced Reinforced Concrete	
CET 2710	Structural Steel Design	
CET 2720	Advanced Structural Steel Desi	
CST 2210	FORTRAN Programming	
ENG 2820	Technical Writing	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1050	Elementary Mechanics	3
ERG 2210	Strength of Materials	3
EET 1410	Electronics Drafting I	2
MAT 1050	Algebra and Trigonometry <sup>1</sup>	
MAT 1500	Pre-Calculus	
MET 2010	Piping Drafting	
		( <del></del> )
	mom + r - rr	0.110.0

TOTAL HOURS 57

<sup>1</sup>Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

## CIVIL ENGINEERING—SURVEYING (CERTIFICATE)

Catalog	Course	Quarter
Number	Title	Hours
CET 2010	Construction Planning	3
CET 2110, 20	Surveying I, II	
CET 2210	Soil Mechanics	3
CET 2410	Traffic and Transportation Technological	ogy3
CET 2810	Route Surveying and Highway Desi	gn3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1050	Elementary Mechanics	3

ERG 2210 ENG 2820 MAT 1050 MAT 1500	Strength of Materials
	<del>y</del>

TOTAL HOURS 45

## 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
ENG 1010	Composition I	3
EET 1010	Electric Circuits I	
EET 1110, 20	Electric Fundamentals I, II	6
EET 1140, 50	Electronic Communications I, II.	
EET 1160	Industrial Electronics Measuremen	
	Control	5
MAT 1050	Algebra and Trigonometry I	5
	Natural Science	
	Social Science	3
		A 1/2

TOTAL HOURS 47

# 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 provide training for office work in a number of areas; for example—filing clerk, receptionist, typist, and numerous other general clerical job opportunities.

<sup>&</sup>lt;sup>1</sup>Student may substitute MAT 1010 and MAT 1020 for MAT 1050.

### SUMMARY OF REQUIRED HOURS

Course	Quarter
Title	Hours
Introduction to Business	3
Business Communications	3
Business Mathematics	3
Principles of Accounting I, II	6
Business Machines-Computational.	3
Business Machines-Duplication	3
Legal Environment for Business	3
Introduction to Data Processing	3
Principles of Economics I	3
Composition I	3
Typing I, II, III	9
Machine Transcription	3
Typing IV	3
Office Practice	3
Report Writing/Records Managemen	
	Title  Introduction to Business Business Communications Business Mathematics Principles of Accounting I, II Business Machines-Computational Business Machines-Duplication Legal Environment for Business Introduction to Data Processing Principles of Economics I Composition I Typing I, II, III Machine Transcription Typing IV Office Practice

### 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

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
ART 2030—Art History Survey III—Modern Art

nineteenth century to the present.

ART 2410—Ceramics I
ART 2420—Ceramics II
2 hours lecture—4 hours studio
ART 2430—Ceramics III
2 hours lecture—4 hours studio
ART 2510—Painting I
ART 2520—Painting II
ART 2530—Painting III
2 hours lecture—4 hours studio
ART 2610—Weaving I
ART 2620—Weaving II
ART 2710—Introduction to Printmaking
2 hours lecture—4 hours studio
ART 2720—Advanced Printmaking
2 hours lecture—4 hours studio
BIOLOGY
To receive credit for a Biology course, the lecture section must be accompanied by a laboratory session during the same quarter.

3 hours lecture—2 hours laboratory

An introduction to biology at the cellular and subcellular levels.

instructor.)

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 1120—General Biology II
BIO 1130—General Biology III
BIO 2210—Plant Kingdom I
BIO 2220—Plant Kingdom II
BIO 2310—Anatomy and Physiology I
BIO 2320—Anatomy and Physiology II
BIO 2330—Anatomy and Physiology III
BIO 2410—Invertebrate Zoology
3 hours lecture—3 hours laboratory

comparative anatomy of organ systems. (Prerequisite: BIO 1130 or consent of 3 hours lecture—3 hours laboratory

BIO 2510—Microbiology .......4 Credits An introductory course in microbiology dealing with bacteria, fungi, yeast, and viruses to include discussions of cell structure, identification, taxonomy, metabolism, genetics, resistance, infection, disease, immunity, microbiology of food products and industrial microbiology. (Prerequisite: BIO 1130 or 2330 or consent of instructor.) 3 hours lecture—3 hours laboratory BIO 2610—Genetics .......4 Credits A study of heredity including classical and modern principles and laboratory experiments involving several experimental organisms. (Prerequisite: BIO 1110, 20, 30, or consent of instructor, CHE 1030 or CHE 1130, and MAT 1130 are recommended.) 3 hours lecture—3 hours laboratory A study of cellular structure and function. (Prerequisite: BIO 1110, 1120, 1130, CHE 1010, 20, 30) 3 hours lecture—3 hours laboratory Relations between organisms and their environment. Includes human environmental problems. Laboratories consist of sampling techniques and field trips. (Prerequsite: BIO 1130) 3 hours lecture—3 hours laboratory 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 Orientation course designed to give an overall view of business as a framework for further detailed study into accounting, data processing, finance, real estate, management, retailing, and marketing. Included are vocational/career opportunities, business terminology, and an appreciation of the methods and procedures used by businessmen to arrive at decisions. A study of the essentials of English in business communication. The basic fundamentals in grammar and punctuation are applied to business letter writing. Emphasis is given on composing and dictating business letters into dictation/transcription equipment. Job application and interviewing techniques are covered along with techniques for more effective listening. The fundamentals of mathematics as applied to business. Emphasis on

problems involving discounts, simple and compound interest, insurance and

payroll.

bond markets, figuring consumer credit, and computing federal income taxes and social security benefits.
BUS 1850—Personal Finance
BUS 2010—Real Estate I
BUS 2020—Real Estate II
BUS 2030—Real Estate III
BUS 2050—Money and Banking
BUS 2210—Principles of Accounting I
BUS 2220—Principles of Accounting II
BUS 2230—Principles of Accounting III
BUS 2250—Cost Accounting

BUS 2270—Managerial Accounting I
BUS 2280—Managerial Accounting II
BUS 2310—Income Tax Accounting—Personal
BUS 2320—Income Tax Accounting—Business
BUS 2410—Business Machines—Computational
BUS 2420—Business Machines—Duplication
BUS 2510—Legal Environment for Business
BUS 2520—Business Law
BUS 2710—Intermediate Accounting I
BUS 2720—Intermediate Accounting II
BUS 2730—Intermediate Accounting III

BUS 2810—Salesmanship
BUS 2820—Retailing
BUS 2830—Marketing
BUS 2900—Small Business Management
BUS 2910—Management and Supervision I
BUS 2920—Management and Supervision II
BUS 2930—Management and Supervision III
BUS 2940—Management Seminar
BUS 2950—Labor Relations

# **CHEMISTRY**

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

CHE 1020—Basic Chemistry II
CHE 1030—Basic Chemistry III
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.
CHE 1110—General Chemistry I
CHE 1120—General Chemistry II
CHE 1130—General Chemistry III
3 hours lecture—3 hours laboratory
CHE 2210—Quantitative Analysis
CHE 2310—Organic Chemistry I
3 hours lecture—3 hours laboratory
CHE 2320—Organic Chemistry II
3 hours lecture—3 hours laboratory

CHE 2330—Organic Chemistry III ......4 Credits A continuation of CHE 2320 and including an introduction to proteins, amino acids, carbohydrates and fats. (Prerequisite: CHE 2320) 3 hours lecture—3 hours laboratory 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

CHT 2010—Unit Operations I
Presentation of and experiments in the basic ideas of Chemical Engineering.
Intended to familiarize the student with chemical process equipment and its
uses and applications.
uses and applications.

6 hours lecture—laboratory

- Continuation of Unit Operations I. Heat Transfer and Introduction to Mass Transfer Operations. 6 hours lecture—laboratory
- Continuation of Unit Operations II. Combined Heat and Mass Transfer Operations. 6 hours lecture—laboratory
- Problem solving course in the application and utilization of the basic laws of conservation of matter and energy as they are used in chemical engineering. 2 hours lecture—laboratory
- The study of the basic theories of quantitative analysis with stress on the theories of neutralization, precipitation, volumetric, and gravimetric analysis. (Prerequisite: CHE 1030.)

4 hours lecture—laboratory

CHT 2220—Quantitative Analysis II ......2 Credits A continuation of Quantitative Analysis I with emphasis on instrumental methods of analysis.

2 hours lecture—laboratory

Each student will select a problem in heat mass and/or momentum transfer, determine a solution and present a written and oral report to the instructor.

## CIVIL ENGINEERING TECHNOLOGY

CET 2010—Construction Planning ....... 3 Credits Introduction to the equipment used in civil engineering construction and the principles of construction planning.

CET 2050—Civil Drafting I
CET 2060—Civil Drafting II
CET 2110—Surveying I
3 hours lecture—3 hours laboratory
CET 2120—Surveying II
CET 2210—Soil Mechanics
Physical properties of soils as applied to civil engineering; index properties, permeability, moisture-density, consolidation and shear strength. (Prerequisite: ERG 2210)
CET 2220—Hydraulics
CET 2250—Structural Analysis
Analysis of statically determinate structures; shear and moment diagrams; influence lines; introduction to matrix algebra; introduction to statically indeterminate methods of analysis. (Prerequisite: ERG 1050 or ERG 1110) (Corequisite: ERG 2210)
CET 2310—Concrete Technology
Introduction to the properties of portland cement concrete; methods of designing concrete mixtures and the mixing, testing, and quality control during construction.
CET 2410—Traffic and Transportation Technology
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
Introduction to the properties of bituminous materials, primarily asphalt cement used in highway construction; testing of asphalt materials and the quality control of asphalt concrete mixtures.

CET 2610—Reinforced Concrete Design
CET 2620—Advanced Reinforced Concrete Design
CET 2710—Structural Steel Design
CET 2720—Advanced Structural Steel Design
CET 2810—Route Surveying and Highway Design

## **COOPERATIVE EDUCATION**

## COMPUTER SCIENCE TECHNOLOGY

CST 2100—Computer Applications in Accounting
CST 2210—FORTRAN Programming
CST 2220—COBOL Programming I
CST 2230—COBOL Programming II
CST 2310—Introduction to Systems Analysis
CST 2410—Systems Analysis I
CST 2420—System Analysis II
CST 2510—Advanced Computing and Programming Systems3 Credic This course involves writing and testing of all programs and documentation necessary to implement the systems developed in CST 2420. (Prerequisite CST 2420)
CST 2610—Management Information Systems
CST 2700—Management of EDP Function
CST 2910—Cooperative Seminar

## **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.

DVS 0510—Basic Communications I
DVS 0520—Basic Communications II
DVS 0530—Basic Communications III
DVS 0610—Basic Science I
DVS 0620—Basic Science II1-3 Credits
DVS 0630—Basic Science III
DVS 0710—Basic Mathematics I
DVS 0720—Basic Mathematics II
DVS 0730—Basic Mathematics III

#### DIETETIC TECHNOLOGY

DFT 1020—Food Principles
DFT 1030—Advanced Menu Planning and Quality Food
DFT 1810—Field Experience I
DFT 1820—Field Experience II
DFT 2110—Food Purchasing and Cost Control
DFT 2210—Principles of Nutrition
DFT 2220—Therapeutic Nutrition
DFT 2310—Food Systems Administration
DFT 2410—Sanitation and Safety
DFT 2810—Field Experience III

### **ECONOMICS**

# **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 2010—Introduction to Education
EDU 2110—Driver and Traffic Safety Education
EDU 2310—Audio-Visual Aids
EDU 2410—Human Growth and Development
EDU 2610—Public School Records
A study and use of forms and records used in school systems.
EDU 2710—Reading in the Elementary School
EDU 2730—Diagnostic Teaching of Reading
EDU 2810—Child Development from Infancy Through Age Eight3 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)
EDU 2820—Creative Activities and Experiences for Young Children .3 Credits 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 I Credits
EDU 2920—Prospective Teacher Cooperative Practicum II 3 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)

## **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 Fundamentals I
EET 1120—Electric Fundamentals II
EET 1140—Electronic Communications I 5 Credits
EET 1150—Electronic Communications II

4 hours lecture—2 hours laboratory

EET 1160—Industrial Electronics Measurement and Control5 Credits A study of devices, circuits and systems used in electronic measurement and controls in industry. This course is designed for the certificate program or electives for other than Electronics Technology students. (Prerequisite: EET 1130 or permission of the instructor.)  4 hours lecture—2 hours laboratory
EET 1210—Materials and Construction Practices
EET 1310—Electronics I
EET 1320—Electronics II
EET 1330—Electronics III
EET 1340—FCC License Preparation
EET 1315—Electronics Lab I
EET 1325—Electronics Lab II
EET 1335—Electronics Lab III
EET 1410—Electronics Drafting I
EET 1420—Electronics Drafting II
EET 1610—Electrical Systems Design I

EET 1620—Electrical System Design II
EET 1630—Elements of Electrical Generation, Transmission and Distribution
EET 1635—Elements of Electrical Generation, Transmission and Distribution Laboratory
EET 1640—Electrical Wiring
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 Laboratory1 Credit
EET 2525—Industrial Electronics and Control II Laboratory1 Credit Experimental verification of principles introduced in Industrial Electronics.  3 hours laboratory
EET 2530—AC/DC Machines
3 hours lecture—3 hours laboratory
EET 2540—Commercial Electronic System
EET 2560—Electrical Estimation and Pricing
<b>ENGINEERING</b>
ERG 1010—Engineering Graphics I
2 hours lecture—laboratory
ERG 1020—Engineering Graphics II
2 hours lecture-laboratory
ERG 1050—Elementary Mechanics
ERG 1100—Introduction to Engineering
ERG 1110—Applied Mechanics I
ERG 1120—Applied Mechanics II

ERG 2010—Engineering Mechanics I
ERG 2020—Engineering Mechanics II
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 1020—Municipal Fire Protection
FST 1030—Industrial Hazards
FST 1110—Construction Codes and Fire Protection Standards3 Credit A study of fire codes and standards. The course includes a study of moder 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
A study in applying the principles of hydraulics to fire fighting problems. Attention is also given to water supply problems.
FST 2230—Water Suppression Systems
FST 2510—Fire Protection Equipment and Systems
FST 2610—Fire Department Administration
FST 2620—Seminar
FST 2700—Practicum
FRENCH
FRE 1010—Beginning French I
FRE 1020—Beginning French II
FRE 1030—Beginning French III
FRE 2010—Intermediate French I
FRE 2020—Intermediate French II

FRE 2030—Intermediate French III
Advanced grammar and conversation through use of films, videotapes,
cassette tapes, filmstrips, computer programs and library readings. (Labora-
tory required.) (Prerequisite: FRE 2020)

## **GEOGRAPHY**

GEOGRAM III
GGY 1010—Physical Geography I
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.
GGY 1020—Physical Geography II
(Earth Physical Systems)
An investigation of the natural environment as a system comprised of

- An 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.

# **GEOLOGY**

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

It will provide first year training in geology for geology majors and will offer the student a comprehensive one-year geology course in contrast to the current one-quarter earth science offering. (However, NSC 1230—Survey of Earth Science should be continued for students wishing only a brief introduction to geology.)

126 ROANE STATE COMMUNITY COLLEGE The GEO 1610, 20, 30 sequence will provide the necessary background in geology in the proposed Mining Conservation Technology Program. The study of materials and structure of the earth. Topics include: identification of common rocks and minerals; the earth's interior as revealed by geophysical methods; processes and results of deformation, plate tectonics. (Prerequisite: Basic knowledge of algebra and geometry.) 3 hours lecture—3 hours laboratory The study of geologic processes in landform development. Topics include: ground water; wind and water erosion; deposition; glaciation; regional geomorphic features. Current problems in economic and environmental geology are discussed. (Prerequisite: GEO 1610) 3 hours lecture—3 hours laboratory The study of the earth's history, physical and biological, as interpreted from the rock and fossil records. Topics include: stratigraphy: paleontology: evolution of the North American continent; origin of the earth. (Prerequisite: GEO 1620) 3 hours lecture—3 hours laboratory **GERMAN** Introduction to the fundamentals of German grammar. Emphasis on vocabulary building and the German case system. (Course presupposes no prior German on the part of the student.) GRN 1020—Beginning German II ....... Credits Continues to build on skills developed in German 1010. Emphasis on the German verb and tense system. (Prerequisite: GRN 1010 or the consent of the instructor.) Completes survey of basic German grammar. The passive voice and the subjunctive. Elementary readings in German. (Prerequisite: GRN 1020 or the

consent of the instructor.)

Reading intermediate texts, grammar review, and oral practice. (Prerequisite: GRN 1030 or equivalent.) (Laboratory required.)

## 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.

HEA 2310—Safety and First Aid
HEA 2410—Community Health
HISTORY
HIS 1010—Survey of Western Civilization I
HIS 1020—Survey of Western Civilization II
HIS 1030—Survey of Western Civilization III
HIS 2110—Survey of American History I
HIS 2120—Survey of American History II
HIS 2130—Survey of American History III
HOTEL-MOTEL-RESTAURANT MANAGEMENT
HMT 1000—Introduction to Hotel-Motel-Restaurant Management3 Credits The hospitality field, its history, famous people, economic and social importance, and operations are the major areas of emphasis in this course.
HMT 1010—Hotel-Motel-Front Office Procedure
HMT 1110—Hotel-Motel-Restaurant Seminar I
HMT 1120—Hotel-Motel-Restaurant Seminar II

and equipment.
HMT 2010—Hotel-Motel-Restaurant Practicum
HMT 2110—Food Distribution
HMT 2120—Quality Food Preparation
HMT 2210—Hotel-Motel-Restaurant Accounting
HUMANITIES
HUM 2800-2899—Humanities Seminar
JOURNALISM
JRN 1110—Introduction to Mass Communications
JRN 1510—Journalism Practicum I1 Credit
JRN 1520—Journalism Practicum II
JRN 1530—Journalism Practicum III
JRN 2210—Writing for Mass Media

JRN 2220—Reporting 4 Credits
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
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
JRN 2520—Supervised Publications Work II
JRN 2530—Supervised Publications Work III
JRN 2750—Introduction to Broadcasting
MATHEMATICS
MAT 1010—Technical Math I
Algebraic expressions and operations, factoring, fractions, solving one- variable equations, linear and quadratic functions, graphing of functions. Primarily for technology students. Not to be taken in addition to MAT 1050. (Prerequisite: 1 year of high school algebra and geometry or consent of
instructor.)
MAT 1020—Technical Math II
MAT 1050—Algebra and Trigonometry I
trigonometry, logarithms, applications. Not to be taken in addition to MAT 1010 and MAT 1020. (Prerequisite: 1 year high school algebra and geometry or consent of instructor.)
trigonometry, logarithms, applications. Not to be taken in addition to MAT 1010 and MAT 1020. (Prerequisite: 1 year high school algebra and geometry or
trigonometry, logarithms, applications. Not to be taken in addition to MAT 1010 and MAT 1020. (Prerequisite: 1 year high school algebra and geometry or consent of instructor.)  MAT 1060—History of Mathematics
trigonometry, logarithms, applications. Not to be taken in addition to MAT 1010 and MAT 1020. (Prerequisite: 1 year high school algebra and geometry or consent of instructor.)  MAT 1060—History of Mathematics
trigonometry, logarithms, applications. Not to be taken in addition to MAT 1010 and MAT 1020. (Prerequisite: 1 year high school algebra and geometry or consent of instructor.)  MAT 1060—History of Mathematics

MAT 1130—Introduction to Analysis III

Systems of linear equations and inequalities, trigonometric functions, simple and compound interest, exponential and logarithmic functions. (Prerequisite: MAT 1120)
MAT 1210—Trigonometry
MAT 1310—Symbolic Logic
MAT 1500—Pre-Calculus
MAT 2310—Concepts of Mathematics I
MAT 2320—Concepts of Mathematics II
MAT 2330—Concepts of Mathematics III
MAT 2510—Elementary Statistics

include sampling, frequency distributions, elementary probability, binomial distributions, normal distributions, null hypothesis, rank correlation, significance of data. A statistical project of an elementary nature including collecting, presenting and interpreting data is required. Primarily for computer technology and accounting technology majors. (Prerequisite: A college level

algebra course or consent of the instructor.)

requisite: MAT 1130 or 2610.)

## **MECHANICAL TECHNOLOGY**

2 hours lecture—3 hours laboratory

2 hours lecture—3 hours laboratory

2 hours lecture—3 hours laboratory

1 hour lecture—6 hours laboratory

1 hour lecture—6 hours laboratory

1 hour lecture— 9 hours laboratory

3 hours lecture—3 hours laboratory

2 hours lecture—3 hours laboratory

is also made of the basic packaging and materials protection methods along with consideration of the specific types of equipment used in the movement of incoming, in-process, storage, and waste materials.

3 hours lecture—3 hours laboratory

3 hours lecture—3 hours laboratory

l hour lecture—9 hours laboratory

## MEDICAL RECORDS

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)  MRT 1210—Medical Terminology I		
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 II		consents, authorizations, release of information and handling medical records
Further study of medical terminology with emphasis on terminology as irelates to the systems of the body. (Corequisite: MRT 1020) (Prerequisite MRT 1210)  MRT 1230—Medical Transcription	N	Introduction to the principles of medical terminology and the use of word elements as building blocks for medical terminology. (Corequisite: MRT
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)  MRT 2310—Directed Practice I	N	Further study of medical terminology with emphasis on terminology as it relates to the systems of the body. (Corequisite: MRT 1020) (Prerequisite
Actual practice under the direction of a Medical Record Practitioner in a loca 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)  MRT 2320—Directed Practice II	N	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
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)  MRT 2330—Directed Practice III	N	Actual practice under the direction of a Medical Record Practitioner in a loca hospital department. Orientation to the admitting office and medical record department. Practice in the admitting and discharge procedure plus filing
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)  MRT 2410—Advanced Medical Records	M	Hospital practice in coding and indexing and in statistical compilation and reports. Actual practice in the release of information. (Prerequisite: MR7
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 Credit Introduction to the field of organization and management plus personne management. Instruction in office arrangement and design and equipmen selection. Laboratory experience in organization charts, procedure manuals budgets, and equipment purchasing. (Corequisite: MRT 2320)  MRT 2430—Medical Records Seminar	N	Hospital practice in medical transcription and other secretarial skills. Attendance at various medical meetings, minute taking and contact with the medical
Introduction to the field of organization and management plus personne management. Instruction in office arrangement and design and equipmen selection. Laboratory experience in organization charts, procedure manuals budgets, and equipment purchasing. (Corequisite: MRT 2320)  MRT 2430—Medical Records Seminar	N.	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
This quarter will be devoted to individual research projects to the group fo	N	Introduction to the field of organization and management plus personne management. Instruction in office arrangement and design and equipmen selection. Laboratory experience in organization charts, procedure manuals
	N	This quarter will be devoted to individual research projects to the group fo

# MILITARY SCIENCE (ROTC)

- MS 1110—Fundamentals of Military Leadership and Management ...3 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 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 a guidance counselor or the ROTC instructor.

#### **MUSIC**

THEORY AND LITERATURE

representative 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.
MUS 1020—Fundamentals of Music
MUS 1110—Beginning Theory I
MUS 1120—Beginning Theory II
MUS 1130—Beginning Theory III

MUS 2020—Introduction to Music Literature II
MUS 2030—Introduction to Music Literature III
MUS 2110—Advanced Theory I
MUS 2120—Advanced Theory II
MUS 2130—Advanced Theory III
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 1050—Chorus
MUS 1060—Madrigal Singers
MUS 1070—Small Instrumental Ensembles
MUS 1080—Concert Band
MUS 1090—Jazz Band

#### APPLIED MUSIC: CLASS INSTRUCTION

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

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MUS 1510—Class Lessons in Voice I
MUS 1520—Class Lessons in Voice II
MUS 1530—Class Lessons in Voice III
MUS 1610—Class Piano I
MUS 1620—Class Piano II
MUS 1630—Class Piano III

#### 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 Instruments2 Credits
MUS 2212-22-32—Individual Instruction in Brass Instruments 2 Credits
(Two lessons per week)
MUS 1311-21-31—Individual Instruction in Woodwinds

MUS 2311-21-31—Individual Instruction in Woodwinds
MUS 1312-22-32—Individual Instruction in Woodwinds
MUS 2312-22-32—Individual Instruction in Woodwinds
MUS 1411-21-31—Individual Instruction in Strings Credit
MUS 2411-21-31—Individual Instruction in Strings
MUS 1412-22-32—Individual Instruction in Strings
MUS 2412-22-32—Individual Instruction in Strings
MUS 1511-21-31—Individual Instruction in Organ 1 Credit
MUS 2511-21-31—Individual Instruction in Organ Credit (One lesson per week)
MUS 1512-22-32—Individual Instruction in Organ
MUS 2512-22-32—Individual Instruction in Organ
MUS 1711-21-31—Individual Instruction in Piano1 Credit
MUS 2711-21-31—Individual Instruction in Piano
MUS 1712-22-32—Individual Instruction in Piano
MUS 2712-22-32—Individual Instruction in Piano
MUS 1911-21-31—Individual Instruction in Voice Credit
MUS 2911-21-31—Individual Instruction in Voice
MUS 1912-22-32—Individual Instruction in Voice
MUS 2912-22-32—Individual Instruction in Voice
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 for additional science courses. However, these courses will not satisfy any part of the science requirements in chemistry, mathematics, physics, preengineering, pre-dentistry, pre-pharmacy, pre-medicine, pre-nursing, physical therapy, respiratory therapy, or medical technology.

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.

maintenance of concrete plants.

ROANE STATE COMMUNITY COLLEGE 143
<b>OET 2020—Grades and Plans for Operating Engineers</b>
<b>OET 2030—Mining and Tunneling Equipment</b>
OET 2110—Electrical Systems and Electronics
<b>OET 2120—Material Processing and Application4 Credits</b> To provide the trainee detailed information on all types of construction material, how it is processed, and procedures used in application of construction material.
OET 2130—General Construction Equipment, Structure of Components, Seals, and Sealants
OET 2210—Paving Equipment
OET 2220—Revolving Shovel and Crane Equipment
OET 2230—Repair and Rebuilding of Internal Combustion Engines 2 Credits To provide the trainee detailed information on the repair and rebuilding of engines used in heavy construction equipment and in support equipment.
OET 2240—Crushing, Screening, and Washing Plants
OET 2310—Tools, Parts, and Housekeeping
OET 2320—Concrete Plants

problems of life.

East and West.

systems. (Same as MAT 1310)

144	ROANE STATE COMMUNITY COLLEGE
To provide the trainee detail hoisting and handling equipm description, uses, servicing, requirements, minor adjustn	and Handling Equipment
To provide the trainee detail	lic Systems and Pneumatic Equipment .4 Credits ed information on the repair of hydraulic systems sed on heavy duty construction equipment and
	<b>connent Repair4 Credits</b> ed information on the repair of all components of ent.
OET 2540—Apprenticeship Fi	eld Experiences IV9 Credits
Field Course (on the job program will consist of about with one or more general standards of the IUOE. The standards of the IUOE.	eld Experiences V
I	PHILOSOPHY
PHL 1010—Introduction to Ph A study of problems that co nature of the world and his	ilosophy
PHL 1110—Elementary Logic Study of the principles of re and the use of logic as a pra	

Critical analysis of the principal ethical theories and their application to the

Logical symbolism, truth tables, propositional calculus, properties of formal

Introduction to the study of religion through selected historical traditions,

Introduction to the study of religion through selected religious problems and

alternatives in the modern and post-modern world.

## PHYSICAL EDUCATION

PED 1000, 1001, 1002, 1003, 1004, 1005—Adaptive Physical Education 1 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 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 2210—Softball
PED 2310—Swimming
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 Sports
PED 2730—Sports Officiating
PED 2810—Teaching Physical Education in the Elementary Schools3 Credits Study of theories and activities for physical education in the lower grades. Problems in supervision, program planning, instructional methods in both individual and group activities are emphasized.
PED 2850—Playground Leadership

## **PHYSICS**

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 2110-20-3 are normally offered only once a year, beginning in the fa quarter. Students planning to enroll in Physics must therefor begin the sequence in the fall.	ıll
PHY 2010—General Physics I	its or
3 hours lecture—3 hours laboratory	
PHY 2020—General Physics II	its
PHY 2030—General Physics III	its rn
PHY 2110—Physics I	its
PHY 2120—Physics II	
PHY 2130—Physics III	its nd ce
3 hours lecture—3 hours laboratory	
1	
DOLLOR COLENOR AND ODIMINOLOGY EDUCATION	. т
POLICE SCIENCE AND CRIMINOLOGY EDUCATION	
POLICE SCIENCE AND CRIMINOLOGY EDUCATION PST 1010—Introduction to Law Enforcement	its
PST 1010—Introduction to Law Enforcement	its ic- its nd to
PST 1010—Introduction to Law Enforcement	its ic- its nd to gn- its
PST 1010—Introduction to Law Enforcement	its its its its its its of its of
PST 1010—Introduction to Law Enforcement	its nd to gn- its ve nd its of th ce its us

PST 2140—Police Science IV	ues will and ina-
PST 2200—Seminar in Police Problems	
PST 2310—Introduction to Corrections	tes; ent;

#### **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 1030—General Psychology III
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 Management
PEADING

### **READING**

 presented in accordance with each student's needs, as determined through pretesting and individual conferences.

3 hours per week—lecture and laboratory

3 hours per week—lecture and laboratory

3 hours per week—lecture and laboratory

3 hours per week.

#### RECREATION

## SECRETARIAL SCIENCE

Development of te involved in comp tabulations, and ty	
Continued develor ing speed and acci- tions, and manusc	ment of typewriting techniques with emphasis on increas- racy in typing business reports, correspondence, tabula- ripts. (Prerequisite: SSC 1010 or equivalent) hours per week—lecture and laboratory
Continued emphas timed production of typewriters includiers. (Prerequisite:	I
Theory of Gregg dictation and trans	d I
Further application ment of ability to re on the typewriter is transcripts are intr	d II
Continued develor emphasis on speed or equivalent)	d III
Development of equipment with em	Franscription
Continuation of sp (Prerequisite: SSC	2
Improvement of all emphasis on the de equivalent)	IIV

ROMNE STATE COMMONTT COLLEGE
SSC 2210—Office Practice
SSC 2310—Legal Secretary I
SSC 2320—Legal Secretary II
SSC 2330—Legal Transcription
SSC 2810—Report Writing/Records Management
SOCIAL SCIENCE
SS 1110-1190—Social Science Seminar
SOCIOLOGY
SOC 2010—Introduction to Sociology
SOC 2020—Social Institutions
SOC 2030—Social Problems
SOC 2110—Introduction to Cultural Anthropology
ideology, technology, and art.

154	ROANE STATE COMMUNITY COLLEGE
An introductory survey of hum	istory and Archaeology
An analysis of the nature and e and delinquent behavior and t	ainology
An analytical and practical exa	amily
	SPANISH
SPA 1010—Beginning Spanish I (No prerequisite)	
SPA 1020—Beginning Spanish II (Prerequisite: SPA 1010)	3 Credits
Elementary grammar, pronunc	I
SPA 2010—Intermediate Spanish (Prerequisite: SPA 1030)	I3 Credits
SPA 2020—Intermediate Spanish (Prerequisite: SPA 2010)	II3 Credits
Advanced grammar and con-	Versation through use of films, videotapes, buter programs and library readings. (Laborat-PA 2020)
	SPEECH
A study of the principles of voice	n
SDF 2410 Rosic Speech Commu	nication 3 Credits

SPE 1020—Voice and Articul	ation
A study of the principles of	voice and speech production. Attention is given to
the individual student's abil	ity and development of vocal skills. (No prerequis-
ite)	

Designed to introduce the student to the basic principles and techniques of public speaking. Emphasis in class is placed upon the selection of subjects and supporting materials, the organization of the speech, and the oral and physical aspects of delivery.

programs.

programs.

ROANE STATE COMMONTLY COLLEGE
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

## **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

#### **COLLEGE COMMITTEES**

Academic/Curriculum Council
Admissions and Retentions Committee
Athletic Committee
Awards and Graduation Committee
Cafeteria Committee
Discipline Committee
Executive Council
Faculty Council
Financial Aid Committee
Library Committee
Publications Committee
Professional Growth 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 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 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 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 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. This is termed Unofficial Withdrawal.

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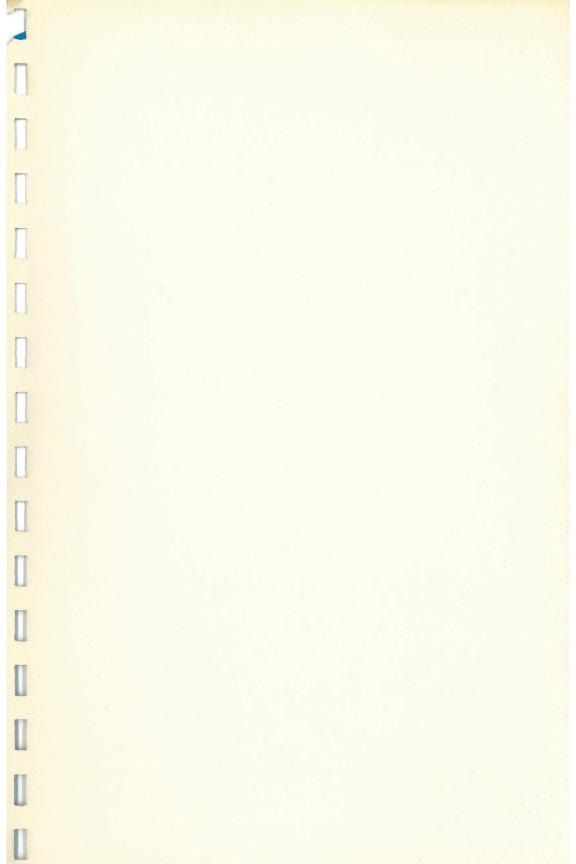
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