

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 1976-77

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

Vol. 6. No. 1

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ACADEMIC CALENDAR

for School Year 1976-77

SPRING QUARTER 1976

March March March	22 24 29	Registration Classes begin Last day to add classes and register late
April April	16 30	Good Friday (no classes) Last day to change from audit to credit or credit to audit
May	28	Classes end: Last day to drop a class with grade of "W" assigned
June June	1-3 5	Final Examinations Commencement
		SUMMER QUARTER 1976*
June June	10 14	Registration Classes begin (See Summer Schedule)
July July July	5 16 19	Independence Day Holiday (no classes) First Summer Term ends Begin second Summer Term
August	20	Summer Quarter ends
		FALL QUARTER 1976
September September September	23	Registration ,Classes begin Last day to add classes or register late
November	5	Last day to change from audit to credit or credit to audit.
November November		Last day to withdraw from class and receive a "W" Holiday — Thanksgiving (no classes)
December	3	Last class meetings and evaluations
December	6	Grades due in Admission's Office
		WINTER QUARTER 1977
January January January	3 5 12	Registration Classes begin Last day to add classes or register late
February	15	Last day to change from audit to credit or credit to audit. Last day to withdraw from class and receive a "W"
March March	9-15 17	Last class meetings and evaluation Grades due in Admission's Office

^{*}See page 19 for registration procedures and fees for Summer Quarter.

SPRING QUARTER 1977

		of real to Committee to the
March March	23 25	Registration Classes begin
April April	1 8	Last day to add classes or register late Holiday — Good Friday (no classes)
May	5	Last day to change from audit to credit or credit to audit. Last day to withdraw from class and receive a "W"
May June	30- 3	Last class meetings and evaluations
June June	4 6	Graduation Grades due in Admission's Office
		SUMMER QUARTER 1977*
		First Session
June June June June	8 10 14 30	Registration Classes begin (see summer schedule) Last day to add classes or register late Last day to withdraw from classes
July July	4 15	Holiday — Independence Day Last class meeting and evaluation
		Second Session
July July	18 20	Classes begin Last day to add classes or register late
August August	5 19	Last day to withdraw from classes Last class
		Full Term
June June June	8 10 17	Registration Classes begin Last day to add classes or register late
July July	4 22	Holiday — Independence Day Last day to withdraw from classes
August August	15-19 22	Last class meetings and evaluation Grades due in Admission's Office

^{*}See page 19 for registration procedures and fees for Summer Quarter.

CALENDAR FOR 1976

JANUARY	FEBRUARY	MARCH	APRIL
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS
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	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	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	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	JUNE	JULY	AUGUST
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	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	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	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	OCTOBER	NOVEMBER	DECEMBER
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	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	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	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

CALENDAR FOR 1977

JANUARY	FEBRUARY	MARCH	APRIL
SMTWTFS	SMTWTFS	SMTWTFS	SMTWTFS
1	1 2 3 4 5	1 2 3 4 5	1 2
2 3 4 5 6 7 8	6 7 8 9 10 11 12	6 7 8 9 10 11 12	3 4 5 6 7 8 9
9 10 11 12 13 14 15	13 14 15 16 17 18 19	13 14 15 16 17 18 19	10 11 12 13 14 15 16
16 17 18 19 20 21 22	20 21 22 23 24 25 26	20 21 22 23 24 25 26	17 18 19 20 21 22 23
23 24 25 26 27 28 29	27 28	27 28 29 30 31	24 25 26 27 28 29 30
30 31			
MAY	JUNE	JULY	AUGUST
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8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9	7 8 9 10 11 12 13
15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16	14 15 16 17 18 19 20
22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23	21 22 23 24 25 26 27
29 30 31	26 27 28 29 30	24 25 26 27 28 29 30	28 29 30 31
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SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1 2 3	1	1 2 3 4 5	1 2 3
4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10
11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17
18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24
25 26 27 28 29 30	23 24 25 26 27 28 29	27 28 29 30	25 26 27 28 29 30 31
	30 31		
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ROANE STATE COMMUNITY COLLEGE DIRECTORY FOR CORRESPONDENCE

Inquiries will receive attention if addressed to the administrative office below at Roane State Community College, Harriman, Tennessee 37748.

Admission	Director of Admissions and Records
Career Education Programs Chai	rman of Division of Career Education
Community Services	Director of Community Services
Degree Requirements	Dean of Instruction
Evaluation of Credits	Director of Admissions and Records
Financial and Business Affairs	Business Manager
Graduation Requirements	Dean of Instruction
Guidance and Counseling Services	Dean of Student Personnel Services
Pre-Professional Curricula	Dean of Instruction
Public Information	Director of Public Information
Registration	Director of Admissions and Records
Scholarships and Loans	Director of Student Financial Aid
Student Organizations	Dean of Student Personnel Services
Testing Services Director	of Counseling and Guidance Services
Transcripts	Director of Admissions and Records
Veterans' Affairs	Veterans' Affairs Coordinator
Withdrawal	Director of Admissions and Records

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 4:30 p.m.

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. Ben Kimbrough, Vice-Chairman	Clarksville
Dr. Kenneth Ezell	
Mr. Dale Glover	Obion
Mr. James H. Jones, Jr.	Mt. Pleasant
Mr. J. Frank Taylor	Huntingdon
Mrs. Johnella H. Martin	Nashville
Dr. Claude C. Bond	Chattanooga
Miss Ella V. Ross	Johnson City
Mr. Charles J. Liner	Athens
Mr. George M. Klepper, Jr	Memphis
Mr. J. Howard Warf	-
Mr. David White	Knoxville

ROANE STATE COMMUNITY COLLEGE

COLLEGE PERSONNEL

Administrative Officers

PresidentCUYL	ER A. DUNBAR
Dean of Instruction HAROLD L.	UNDERWOOD
Dean of Student Personnel ServicesWAL	TER S. PATTON
Business ManagerJ. AL	TON JOHNSON
Administrative Staff	
Director of Community ServicesPA	UL GOLDBERG
Director of Student Financial AidCU	RTIS WHALEN
LibrarianJOH1	N R. NEEDHAM
Director of Admissions and RecordsLOU	ISE R. GREENE
Director of Institutional ResearchFR	ED H. MARTIN
Director of Computer OperationsWILI	LIAM MURRAY
Director of Athletics	PHILLIP ALLEN
Director of Public Information J.	AMES A. JOYCE
Director of Guidance and CounselingGA	ARY DUNFORD
Divisional Heads	
Chairman, Division of Career EducationW. CARR	OLL MARSALIS
Chairman, Division of EducationJ.	AMES C. PERRY
Chairman, Division of HumanitiesNA	NCY A. FISHER
Chairman, Division of Mathematics and Science	
Chairman, Division of Social Science	RY HEIDINGER

ADMINISTRATION AND FACULTY

B.S., Middle Tennessee State University — Health, Physical Education, Recreation
B.S., Middle Tennessee State University — Health, Physical Education, Recreation M.Ed., Middle Tennessee State University — Health, Physical Education, Recreation
ALLEN, PHILLIP
B.S., Western Kentucky University — Physical Education M.S., University of Tennessee — Recreation
ATKINSON, EDWARD R., JR
B.A., Southwestern at Memphis — English M.A., George Peabody College — English
M.A., George Peabody College — English
M.A., Austin Peay State University — Psychology
BARNES, DELORISE C
B.S., Livingston College — Business Education M.S., University of Tennessee — Office Administration, Educational Psychology A.B.D., University of Tennessee — Vocational Technical Education
BARNES, RICHARD VERLE
A.B.J., University of Georgia — Magazine and Newspaper Journalism M.A., University of Georgia — Journalism and Communication
M.A., University of Georgia — Journalism and Communication
Ed.D., University of Florida (Pending) — Curriculum and Instruction
BERTHELOT, RONALD
B.S., Southeastern Louisiana University — Industrial Technology M.S. University of Tennessee — Industrial Education
Additional Graduate work, University of South Florida and University of Tennessee
BILBREY, JUNE A
BOULDIN, CHARLES L
B.A. David Lipscomb College — Mathematics
M.S., Middle Tennessee State University — Mathematics
Additional Graduate work, University of Tennessee
BREAZEALE, WAYNE L
B.S., University of Kentucky — Business Administration
M.S., University of Tennessee — Guidance Additional Graduate work, University of Tennessee
BROWN, JAMES E
B.A., Athens College — Art
M.A., University of Alabama — Art
Additional Graduate work, University of North Carolina
BRYANT, GAY
B.S., West Georgia College — Business Education
M.S., University of Tennessee — Business Education
CALVERT, MARJORIE H
B.A., Skidmore College — Psychology
M.L.S., Rutgers University — Library Service
CHARTON, FRANK L
B.A., George Peabody College — Social Studies M.A., Michigan State University — Geography
Ph.D., Michigan State University — Geography
CHRISTIAN ALEFTAP Developmental Studies
CHRISTIAN, ALEETA P
CHRISTIAN, FLOYD
A.B., Birmingham Southern — Mathematics
M.A., Samford University — Mathematics
Ph.D., University of Mississippi — Mathematics
DAVIS, BEULAH ANNEnglish
B.A., Carson-Newman College — English
M.A., East Tennessee State University — English
Ed.S., George Peabody College — English

DAVIS, JAMES H. English B.S., Middle Tennessee State University — Business Management M.A., Middle Tennessee State University — English
DORAN, JAMIE T
DUNBAR, CUYLER A
DUNFORD, GARY
EDWARDS, LINDA M(Botany) Biology B.S., University of Tennessee — Botany M.S., University of Tennessee — Botany
FISHER, BRUCE ALBERT
FISHER, NANCY A
FLOYD, STEVEN LEE
FRITTS, HARRY A.B., Carson-Newman — Bible, Religious Education M.S., University of Tennessee — Music Education
GEBBIA, PHILIP PAUL
GOLDBERG, PAUL
GREENE, LOUISE R
HEIDINGER, GARYSociology and Chairman, Social Science Department B.S., Bethel College — History M.A., George Peabody College — History Additional Graduate Work, University of Mississippi, Auburn University, Alabama A&M University, and University of Tennessee
HOAGLAND, JUDY KNOWLES
HOAGLAND, WILLIAM
HOLDER, MABRE M

HOWARD, BENJAMIN S	English, German
B.A., University of Tennessee - M.A., University of Tennessee Ph.D., University of Georgia —	— English — German - Comparative Literature niversity of North Carolina and Ludwig-Maximilians
ISABEL, LINDA LOUISE B.S., LeMoyne College — Mat M.S.E., Arkansas State Univer-	hematics sity — Guidance
JENNINGS, ROBERT B.E.E.E., Vanderbilt Universit Ph.D., Vanderbilt University –	y — Electrical Engineering - Electrical Engineering
JOHNSON, J. ALTON B.S., North Georgia College —	Business Administration Business Manager
JOHNSON, JUDITH MAE B.S., University of Tennessee – M.S., University of Tennessee	
JONES, KATHY R B.A., David Lipscomb College M.Ed., Middle Tennessee State	— Speech e University — Reading
JORDAN, BERNARD B.A., B.S., Syracuse University M.Ed., Northeastern Universit Additional Graduate work, Ge	Vocational Counselor University of Illinois — Mathematics y — Education orge Peabody College
JOYCE, JAMES A B.A., Emory and Henry Colleg M.S., University of Tennessee	e — French and German Broadcasting and Journalism
	c Education
B.S., Tennessee Technological B.S., Tennessee Technological M.S.T., Middle Tennessee Stat Additional Graduate work, Ur	University — Mathematics Secondary Education to University — Mathematics
KLIMA, BEVERLY BARTLE B.S., Georgia Institute of Tech	Y
KNOX, MARTHA SHELDON A.B., University of Tennessee M.A., University of Tennessee Additional Graduate work, Un	N
KRING, JAMES B B.S., Maryville College — Biol M.S., University of Tennessee	ogy — Botany
LANDERS, ANDY G B.S., Tennessee Tech Universi M.A., Tennessee Tech Universi	ty — Health and Physical Education tity — Health and Physical Education tity — Health and Physical Education
MARSALIS, CARROLL B.A., Mississippi College — Po M.A., University of Mississipp Additional Graduate work, Au	
MARTIN, FREDRIC H B.S., University of Tennessee M.S., University of Tennessee Ed.D., University of Tennessee	

McADAMS, H. VAL Electronics
B.S., Mississippi State University — Electrical Engineering M.S., Mississippi State University — Electrical Engineering
MINTER, ANNE P
MOORE, ALICE A
MOORE, MICHAEL L
MURRAY, WILLIAM
NEEDHAM, JOHN R
ORTON, THOMAS H
PARSONS, STEVE
PATTON, WALTER S
PERRY, JAMES C
POLLARD, OWEN J
POULIN, GERALD DAVID
POWERS, ANNE D
RANDOLPH, HELEN
SAMS, EDWIN B English B.A., Mars Hill College — English M.A., University of Tennessee — English

SIENKNECHT, MARTHA E
B.A., University of North Carolina — History
M.A., Vanderbilt University — English, History
Additional Graduate work, University of Tennessee
SIMMONS, LINDA History
B.A., Blue Mountain College — Social Science, History
M.S.S., University of Mississippi — History, Political Science
SMITH, PHILIP LARRY CETA Counselor
B.S., University of Tennessee — Psychology
M.S., University of Tennessee — Educational Psychology
STEPHENS, KENNETH WAYNE
B.S., Middle Tennessee State University — Business Management
M.B.A., Middle Tennessee State University — Business Management
THOMPSON, IRA JOANN
B.S., Tennessee Technological University — Health and Physical Education
M.S., University of Tennessee — Guidance
UNDERWOOD, HAROLD LDean of Instruction
B.S., Mississippi State — Science Education
M.S.C.S., University of Mississippi — Mathematics
Ed.D., Auburn University — Educational Administration
VANCIL, CHRISTOPHER N
B.S., Murray State University — Mathematics
M.A., Murray State University — Mathematics
WARREN, JIMCETA Project Director
B.S., Tennessee Technological University — Agriculture Education
M.S., Tennessee Technological University — Biology
WHALEN, CURTIS
B.S., Memphis State University — Secondary Education
M.Ed., Memphis State University — Educational Administration
Additional Graduate work, University of Tennessee
WINKLES, BILLY B
B.S., University of Tennessee — Engineering Physics Ph.D., University of Tennessee — Physics
WORKS, LARRY P
B.S., East Tennessee State University — Health and Physical Education M.S., University of Montana — Health, Physical Education and Psychology
YATES, WILLIAM B
B.A., Tennessee Wesleyan College — History M.A., University of Tennessee — Public Address and Theatre Arts
YORK, KINCH M Superintendent of Buildings and Grounds Memphis State University
ZACHRY, JOEL GLEN Biology
B.S., Tennessee Technological University — Education M.S., Middle Tennessee State University — Biology
Additional Graduate work, Middle Tennessee State University and University of
Tennessee
1 CHIEGGOO



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.

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 potentialities. Thus, students are encouraged to actively participate in the social, cultural and intellectual activities of the college and its community.

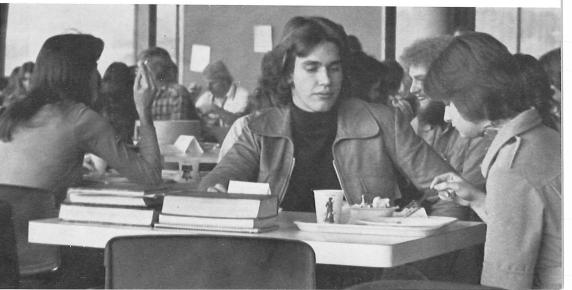
Specifically, Roane State attempts to fulfill its role in the educational process by: (a) Promoting a liberal admissions policy; (b) Developing a broad curriculum of superior quality; (c) Supporting a position of low fees for its students; (d) Maintaining a fundamental orientation toward the area it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







Business Information and Expenses



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 \$24.00 per quarter hour, not to exceed \$284.00 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 six dollars and fifty cents per quarter hour, not to exceed \$75.00 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 the 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 by mail during the fourth calendar week of the quarter.

IMPORTANT NOTICE

The State Board of Regents, at the June 1976 meeting, increased maintenance fees to \$84.00 per quarter. The following fees are now applicable:

MAINTENANCE FEES

All students, both resident and non-resident, will be assessed a maintenance fee of \$7.00 per quarter hour, not to exceed \$84.00 per quarter. Out-of-State students must additionally pay tuition as explained below.

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.

SUMMER QUARTER FEES

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. The Business Office will assist a student in selecting a plan that is to the advantage of the student.



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 \$6.50 per quarter hour not to exceed \$75.00 or if they wish to be assessed at the rate of \$6.50 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 \$75.00. 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, it 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.

Locker Rental Fee — \$1.00 per quarter.

Lock 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 be 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
Seven calendar days or less	80%
Eight through fourteen days	
Fifteen through twenty-one days	40%
Twenty-two through twenty-eight days	20%
After twenty-eight days	

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 G.E.D. 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, Tenn. 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. Any applicant who has 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 has attended

- Transcripts are not accepted from students. A certified copy must be mailed directly to the Office of Admissions, Roane State Community College.
- 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. The application for admission, and official transcripts must be received in sufficient time prior to registration to be evaluated.
- 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 admissions 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 than 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 & 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 G.E.D. 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 G.E.D. 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. If after 24 quarter hours have been successfully completed (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.
- 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, mathematics, 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 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 military service may be awarded six hours of physical education and nine hours of military service 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 fu-

ture and that his good attitude and diligent study will stand him in good stead after graduation.

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

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

- 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

Student 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.
- 2. Secure clearance signatures (in sequence) from (1) Adviser (2) Instructor of each course for which student is registered (3) Library (4) Admissions Office and (5)) Business Office.
- 3. Return forms to Admissions Office.

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 page 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:

- Secure a schedule adjustment form from the Admissions and Records Office;
- Present the complete form to the Business Office and pay appropriate fees;
- 3. 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 the course the student did not attend, or the student taking a course without receiving credit.

SOCIAL SECURITY ADMINISTRATION

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

VETERANS' AFFAIRS

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

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 titled G.E.D. 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.



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, helath services, and transfer assistance.

ORIENTATION FOR STUDENTS

All new students meet at the time indicated in 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 is 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 you as a student undue concern may disrupt 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.

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 intermim vacation periods. Coverage is extended to provide up to 48 hours of actual travel time while enroute between home and school prior to the opening of school.

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

TRAFFIC REGULATIONS

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

Detailed regulations are contained in the "Student Handbook." It shall be the student's responsibility to familiarize himself 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 three 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 financial situation. The amount of the grant ranges between \$226. and \$862. 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 by 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 recieve 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 \$2.20 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. In addition, students should 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 are 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 the inter faith 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 but, 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, promoting cooperation among students, faculty and administration, and working for the common good of Roane State.

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

VETERANS AFFAIRS

Roane State Community College cooperates with the Veterans Administration in providing educational opportunities for veterans. Persons desiring information as to eligibility and programs of instruction should contact the Veterans Affairs Coordinator in Room C9 at Roane State Community College.

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 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 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. Adults will be charged \$1.00 and school age students (through high school) will be charged \$.50 for admission.



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 interest 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.
- 3. Absences are counted from the first scheduled meeting of the class.

IMPORTANT: Non-attendance does not constitute a withdrawal from classes or from the College. Procedures to follow to formally drop a course (see page 29) or to withdraw from the College (see page 28) 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:

Grade	D.	Quality Points Awarded Per Quarter Hour
	=	i ci Quartei Houi
Α	Outstanding	4
В	Above Average	3
C	Average	2

D	Passing but below average	1
	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 interpreted as such.

At the discretion of the Dean of Instruction, selected courses may be offered, using a pass-fail grading system. A "P" indicates a passing grade in such cases. Students would receive 2.0 quality points per credit hour for a "P" and no quality points for an "F". In all cases, the student would have the option of being graded by pass-fail, or the standard "A, B, C, D, F" method.

Repeated Courses

A student may repeat a course upon approval of his 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.

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 experi-

ence prior to enrollment; (3) to offer a continuity of courses to give the student an opportunity to explore his interests and abilities in several fields of study so that he may plan more realistically for a continuation of his 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 certain specifically 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, including 3 quarters of physical education activity. (Students who complete at least 60% of their degree requirements during the evening or at off campus locations may be excused from physical education activity courses. However, the total number of hours for graduation will not be reduced.)
- 2. A minimum of the final 36 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 students quality point average on courses taken at Roane State Community College; his 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 academic pursuits without undue penalty and hardship. The two cores are as follows:

GENERAL CORE CURRICULUM

	Minimum Quarter
Area of Study Humanities	Hours Required
Humanities	15
Mathematics*	5
Natural Science	8
Social Science	15
Related Courses	50
Physical Education Activities	3

^{*}Mathematics requirement of three (3) hours for Music Education majors.

CAREER EDUCATION CORE CURRICULUM

	Minimum Quarter
Area of Study	Hours Required
Humanities	9
Mathematics	
Social Science	3
Physical Education Activities	3
Related Courses	27

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 ordinarily allowed to graduate under the requirements of the catalog of the year in which he enters the College. If a student begins work on a degree and fails to complete the requirements, he must, after five years from the date he entered, reorganize his degree plan to conform to the current catalog. Time spend on active military duty is not considered a part of this five-year period.

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.

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.

DIVISIONS OF INSTRUCTION

Education

Developmental Studies

Education Health

Physical Education

Psychology Reading

Humanities

Art English Journalism Language Music Philosophy Speech

Mathematics and Science

Biology Chemistry General Science Mathematics Physics Engineering

Social Science

Geography History Political Science Sociology

Career Education

Accounting Technology
Business and Commerce
Computer Science Technology
Dietetic Technology

Economics

Electrical and Electronics

Technology

Engineering Technology
Fire Science Technology

General Business Administration

General Clerical

Hotel-Motel-Restaurant Management

Medical Records Technology

Operating Engineering Technology Police Science and Criminology

Technology

Recreation Management and Administration Technology

Secretarial Science

Supervision and Management

Continuing Education and Community Services

Degree Programs

Seminars Conferences Workshops

Community Services

EVENING PROGRAM

Roane State Community College offers courses during the evening for the convenience of students who are unable to attend day classes. Courses offered in the evening program may also be taken by day students with schedule conflicts or by students who for one reason or another cannot attend school during the day. All courses offered regularly in the day school may be offered in the evening upon sufficient demand. Two full years of college training can be completed at night 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. An experienced counselor is available to those students desiring help in planning a degree or a certificate program.

CONTINUING EDUCATION AND COMMUNITY SERVICES

Continuing Education

Roane State Community College is dedicated to the philosophy that education is a never-ending process. Thus, the college makes every effort to offer the advantages of at least a part of its total program to every person in the community who is capable of benefiting from the experience. The Continuing Education program is designed primarily for adults in the community who desire to take courses for credit toward a college degree or who desire non-credit courses for their personal enrichment.

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 Services 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 interest 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 eduation at the college level.

The gap between the skilled craftsman 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 craftsman. 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 and administration 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. The degrees and programs include the following:

TRANSFER PROGRAMS

Associate of Arts — General

Associate of Arts — Art

Associate of Arts — Music

Associate of Arts — Pre-Law

Associate of Science — General

Associate of Science — Art Education

Associate of Science — Business Administration

Associate of Science — Business Education

Associate of Science — Chemistry

Associate of Science — Elementary Education

Associate of Science — Health, Physical Education, and Recreation

Associate of Science — Mathematics or Physical Science

Associate of Science — Music Education

Associate of Science — Pre-Dentistry

Associate of Science — Pre-Engineering

Associate of Science — Pre-Law

Associate of Science — Pre-Medicine

Associate of Science — Pre-Pharmacy

Associate of Science — Secondary Education

Associate of Science — Technology

CAREER EDUCATION PROGRAMS

Career education curriculums are designed as terminal and they are recommended for students who desire to enter into the world of work after two years of training. Roane State Community College takes no responsibility for the transfer of work in its career education programs to four-year institutions. This policy should in no way be interpreted as to cause doubt concerning the merit or academic value of the career education programs. They are academically equal to any program offered by the College, but are not in all cases specifically designed as transferable work. They include:

Associate of Science — Accounting Technology

Associate of Science — Computer Science Technology

Associate of Science — Dietetic Technology

Associate of Science — Electrical and Electronics Technology

Associate of Science — Engineering Technology

Associate of Science — Fire Science Technology

Associate of Science — General Business Administration

Associate of Science — General Clerical

Associate of Science — Hotel-Motel-Restaurant Management

Associate of Science — Management and Supervision Technology

Associate of Science — Medical Records Technology

Associate of Science — Operating Engineering Technology

Associate of Science — Police Science and Criminology Technology

Associate of Science — Recreation Management and Administration

Technology

Associate of Science — Secretarial Science

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.

CERTIFICATE OF PROFICIENCY PROGRAMS

Certificate — Design and Drafting

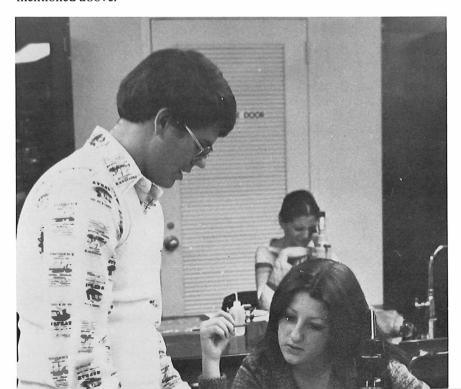
Certificate — Electronics Technology

Certificate — General Clerical

Certificate — Surveying

DEGREE AND CERTIFICATION PROGRAMS

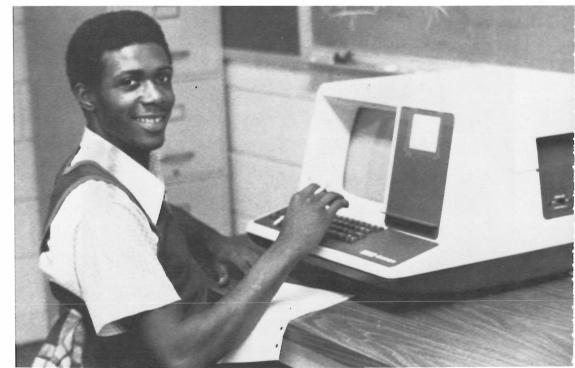
The following pages contain, in outline form, the degree and certificate programs of study and the summaries of required hours for all of the programs mentioned above.





Degree Programs and Courses of Study





TRANSFER PROGRAMS

ASSOCIATE OF ARTS (GENERAL)

This program is designed for students who desire to transfer to a four-year college or university but who have not decided on a major. It meets the requirements for the first two years of most liberal arts curriculums leading to the Bachelor of Arts Degree.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
SPE 2410	Basic Speech Communication	3
	Mathematics1	
	Fine Arts	
	Foreign Languages ²	9-18
	History ¹	9
	Natural Science	12
	Physical Education Activity	3
	Electives ³	33-24

TOTAL HOURS 99

ASSOCIATE OF ARTS (ART)

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 college or university. The 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.

Catalog	Course	Quarter
Number	Title	Hours
ART 1110, 20, 30	Basic Studio I, II, III	9
ART 2010, 20, 30	Art History Survey I, II, III	
	Art Electives	
ENG 1010, 20, 30	Composition I, II, III	9
SPE 2410	Basic Speech Communication	
	Sophomore English	
	Western Civilization or American History	

Student preference or senior institution requirement.

²Senior Institution requirement.

³To include six hours of Social Studies.

Foreign Language	9
Physical Education Activity	3
Math	6
Natural Science	8
Social Science	6
Electives	9

TOTAL HOURS 101

ASSOCIATE OF ARTS (MUSIC)

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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
ENG 1010, 20, 30	Composition I, II, III	9
MAT 1110, 20	Introduction to Analysis I, II	
or	or	
MAT 2310, 20	Concepts of Mathematics I, II	6
MUS 1110, 20, 30	Beginning Theory I, II, III	
MUS 2110, 20, 30	Advanced Theory I, II, III	12
MUS 2010, 20, 30	Introduction to Music Literature I, II, III	
	History ¹	9
	Applied Instruction	12
	Ensemble	6
	Natural Science	
	Physical Education Activity	
	Social Science	6
	Electives	

TOTAL HOURS 101

ASSOCIATE OF ARTS ASSOCIATE OF SCIENCE (PRE LAW)

The first two years of the Memphis State University or The University of Tennessee baccalaureate degree program in pre-law may be met by the completion of the Associate of Arts Degree (General) or the Associate of Science Degree (General) curriculum at Roane State Community College.

¹Student preference or senior institution requirement.

ASSOCIATE OF SCIENCE (GENERAL)

With an appropriate choice of electives, a student can, in following this program, earn an Associate of Science Degree at Roane State Community College and also complete the lower division requirements for the Bachelor of Science Degree at a four-year college or university.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course	Quarter
Number	Title	Hours
	Humanities (To include ENG 1010, 20, 30)	15
	Mathematics	
	Natural Science	12
	Social Science	15
	Physical Education Activity	3
	Electives	
	TOTAL HOUR	RS 99

NOTE: Several transfer programs to meet specific career goals can be fulfilled in the Associate of Science (General) curriculum. Two examples are outlined. Additional study programs can be devised to meet other specialized needs.

ASSOCIATE OF SCIENCE (GENERAL) (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	Course	Quarter
Number	Title	Hours
BIO 1110, 20, 30	General Biology I, II, III ¹	12
BIO 2610	Genetics	4
BIO 2620	Cell Biology	
BIO 2630	Ecology	4
CHE 1110, 20, 30	General Chemistry I, II, III	12
ENG 1010, 20, 30	Composition I, II, III	9
,	Sophomore English	
	Speech	3
	Western Civilization or American History	9
MAT 1110, 20, 30	Introduction to Analysis I, II, III	
, , ,	Physical Education Activity	3
	Social Science Electives	9
	Electives ²	
		-

¹Students with at least 2 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.

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

ASSOCIATE OF SCIENCE (GENERAL) (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 for 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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BIO 2310, 20, 30	Anatomy and Physiology I, II, III	12
BIO 2510	Microbiology	4
BIO 2610	Genetics	4
CHE 1010, 20, 30	Basic Chemistry I, II, III	12
ENG 1010, 20, 30	Composition I. II. III	9
MAT 1110, 20	Introduction to Analysis I, II	6
PSY 1010, 20, 30	General Psychology I, II, III	9
PSY 2410	Child Psychology	3
PSY 2420	Child Psychology	3
SOC 2010	Introduction to Sociology	3
SOC 2020	Social Institutions	3
SOC 2030	Social Problems	3
SOC 2110	Introduction to Cultural Anthropology	3
SOC 2120	Introduction to Prehistory and Archaeology	3
	Humanities Electives	6
	Physical Education Activity	3
	History	9
	Electives	4
		99

ASSOCIATE OF SCIENCE (ART EDUCATION)

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 Number	Course	Quarter
Number	Title	Hours
ART 1110	Basic Studio I	3
ART 1810	School Art	3
ART 2010, 20, 30	Art History Survey I, II, III	9
EDU 2010	Introduction to Education	3

ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
HEA 2210	Personal Health	3
	Western Civilization or American History	
MAT 2310, 20	Concepts of Mathematics I, II	6
	Physical Education Activity	3
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
	Natural Science	12
	Social Science electives	6
	Electives	9
j.)	Art Electives	6

TOTAL HOURS 99

ASSOCIATE OF SCIENCE (BUSINESS ADMINISTRATION)

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.

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, III ¹	9
ECO 2010, 20, 30	Principles of Economics I, II, III	9
ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
MAT 1110, 20, 30	Introduction to Analysis I, II, III ²	9-10
MAT 2510	Elementary Statistics	3
PSY 1010, 20	General Psychology I, II	6
SOC 2010	Introduction to Sociology	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
,	Natural Science	
	Physical Education Activity	3.
	Electives	15

TOTAL HOURS 99-100

 $^{^{\}rm I}\, BUS$ 2250 may be substituted for BUS 2230. $^{\rm 2}Or$ MAT 2610, 20.

ASSOCIATE OF SCIENCE (BUSINESS EDUCATION)

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.

SUMMARY OF REQUIRED HOURS

Catalog Number	Course Title	Quarter Hours
	Biology ¹	12
BUS 1010	Introduction to Business	3
BUS 2210, 20, 30	Principles of Accounting I, II, III ²	9
ECO 2010, 20, 30	Principles of Economics I, II, III	9
ENG 1010, 20, 30	Composition I, II, III	9
, -,-	Sophomore English ³	9
	History	9
MAT 1110, 20, 30	HistoryIntroduction to Analysis I, II, III	9
PSY 1010, 20	General Psychology I, II Basic Speech Communication Typing I, II, III Shorthand I, II, III ⁴	6
SPE 2410	Basic Speech Communication	3
SSC 1010, 20, 30	Typing I. II, III	9
SSC 1110, 20, 30	Shorthand I, II, III4	0-15
SSC 2010	Typing IV	3
SSC 2110, 20	Shorthand IV, V ⁴	0-10
	Physical Education Activity	3
	Electives	6

TOTAL HOURS 99-124

ASSOCIATE OF SCIENCE (ELEMENTARY EDUCATION)

The elementary education curriculum is designed for a student who wishes to take the first two years of a program toward certification. It 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 or 1810	Art Appreciation or School Art	3
BIO 1110, 20, 30	General Biology I, II, III	
	or	
	Natural Science	
EDU 2010	Introduction to Education	3

¹Take BIO 1110, 20, 30.

²BUS 2250 may be substituted for BUS 2230.

³Take ENG 2110, 20, 30.

⁴Taken only if student wishes to be certified in shorthand.

EDU 2710	Reading in the Elementary Schools	3
ENG 1010, 20, 30	Composition I, II, III	
, ,	Sophomore English	9
GGY 1010	Physical Geography I	3
HEA 2210	Personal Health	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
MAT 2310, 20, 30	Concepts of Math I, II, III	9
PSY 1010	General Psychology I	3
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	3
SPE 2410	Basic Speech Communication	
	Physical Education Activity	
	Electives I	
	<u>-</u>	_

TOTAL HOURS 99

¹The 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. II	6
GGY 1020	Physical Geography II	3
GGY 2110	World Regional Geography I	3
PED 2810	Physical Eduation in the Elementary	
	Schools	3
PED 2850	Playgound Leadership	3

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:

One course in team activity
One course in individual activity
One course in dance activity

ASSOCIATE OF SCIENCE (HEALTH, PHYSICAL EDUCATION, AND RECREATION)

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	Ougstan
Number	Title	Quarter Hours
BIO 1110, 20, 30	General Biology I, II, III	12
EDU 2010	Introduction to Education	
ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
HEA 2210	Personal Health	3
HEA 2310	Safety and First Aid	3
HIS 2110, 20, 30	Survey of American History I, II, III	9
PED 2710	Introduction to Physical Education	
PED 2720	Individual and Dual Sports	
PED 2810	P.E. in the Elementary Schools	3
	Recreation Electives	6
PSY 2210	Educational Psychology	3
SPE 2410	Basic Speech Communication	3
	Physical Education Activity	3
	Electives	15
	Social Science Electives	
	Math Electives	6

TOTAL HOURS 99

ASSOCIATE OF SCIENCE (MATHEMATICS OR PHYSICAL SCIENCE)

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.

Course	Quarter
2	Hours
General Chemistry I, II, III ¹	12
Composition I, II, III	9
Sophomore English	9
Western Civilization or American History	9
redits to be taken from the following:	
Trigonometry	3
Symoblic Logic	3
Pre-Calculus	5
Calculus and Analytic Geometry	
	20
Differential Equations	5
Physical Education Activity	3
	Title General Chemistry I, II, IIII Composition I, II, IIII Sophomore English Western Civilization or American History

PHY 2110, 20, 30	Physics I, II, III		
	Social Science Electives	9	
	Electives	12	
		-	
		TOTAL HOLIRS 100	

¹A student choosing to major in mathematics may substitute a three-quarter (12 quarter hour) sequence in biology.

ASSOCIATE OF SCIENCE (CHEMISTRY)

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

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
CHE 1110, 20, 30	General Chemistry I, II, III	12
ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
	Western Civilization or American History	9
CHE 2310, 20, 30	Organic Chemistry I, II, III	12
CHE 2210	Quantitative Analysis	4
PHY 2110, 20, 30	Physics I, II, III	12
MAT 1210	Trigonometry	
OF	or	
MAT 1500	Pre-Calculus	3 or 5
MAT 2610, 2620	Calculus and Analytic Geometry I, II ¹	
MAT 2630 or 2710	Calculus and Analytic Geometry III or	
2000 01 21 10	Differential Equations	5
	Physical Education Activity	3
	Physical Education Activity Social Science Electives	6
	Electives	

TOTAL HOURS 99

ASSOCIATE OF SCIENCE (MUSIC EDUCATION)

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.

Catalog	Course	Quarter
Number	Title	Hours
EDU 2010	Introduction to Education	3
ENG 1010, 20, 30	Composition I, II, III	9

¹Exceptional students may start in Mat 2610.

HEA 2210	Personal Health3
MUS 1110, 20, 30	Beginning Theory I, II, III12
MUS 2010, 20, 30	Introduction to Music Literature I, II, III9
MUS 2110, 20, 30	Advanced Theory I, II, III12
MUS 1610, 20	Class Piano ¹ 2
PSY 1010	General Psychology3
PSY 2210	Educational Psychology3
PSY 2410	Child Psychology I3
	History6
	Humanities electives6
	Mathematics3
	Natural Science8
	Applied Instruction in Major Area9
	Ensembles6
	Physical Education Activity3

¹Students may take a proficiency examination to satisfy this requirement. If passed, these hours may be made up in music electives.

TOTAL HOURS 100

ASSOCIATE OF SCIENCE (PRE-ENGINEERING)

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.

	•	
Catalog	Course	Ouarter
Number	Title	Hours
CHE 1110, 20, 30	General Chemistry I, II, III	12
ENG 1010, 20, 30	Composition I, II, III	9
, ,	Sophomore English	9
	Western Civilization or American History	9
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1100	Introduction to Engineering	3
ERG 2010, 20	Engineering Mechanics I, II	6
ERG 2110	Thermodynamics	3
MAT 1500	Pre-Calculus ¹	5
MAT 2610, 20, 30, 40	Calculus and Analytic Geometry I, II, III, IV	
MAT 2710	Differential Equations	5
	Physical Education Activity	3
PHY 2110, 20, 30	Physics I, II, III	12
	-	
	TOTAL HOUR	S 102

¹Exceptional students may start in MAT 2610. This would be a 25 hour mathematics requirement instead of 30 hours, leaving 5 hours elective.

ASSOCIATE OF SCIENCE (PRE-MEDICINE, PRE-DENTISTRY, PRE-PHARMACY)

This unified basic curriculum in pre-medicine, pre-dentistry, and prepharmacy is designed to prepare a student for entrance to 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	Course	Ouarter
Number	Title	Hours
BIO 1110, 20, 30	General Biology I, II, III ¹	12
CHE 1110, 20, 30	General Chemistry I, II, III	12
CHE 2310, 20, 30	Organic Chemistry I, II, III	12
ENG 1010, 20, 30	Composition I, II, III	9
• •	Sophomore English	9
MAT 1110, 20, 30	Introduction to Analysis I, II, III	9
PHY 2010, 20, 30	General Physics I, II, III	12
, ,	History ²	9
	Physical Education Activity	3
	Humanities Electives	3
	Social Science Electives	
	Electives	

TOTAL HOURS 105

ASSOCIATE OF SCIENCE (SECONDARY EDUCATION)

The secondary education curriculum is designed for a student who wishes to take the first two years of a program toward certification. It 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.

A student desiring to teach in a subject area on the secondary education level may also have the option of completing the Associate of Arts Degree (General) or the Associate of Science Degree (General) curriculum at Roane State Community College. Such a student will concentrate in a ma-

¹Students with at least 2 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.

²Student preference or senior institution requirement.

jor area and take Introduction to Education, Educational Psychology, and Child Psychology in lieu of general electives in these curriculums. The degree program will be planned by the 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
ART or MUS	Art Appreciation or Music Appreciation	3
EDU 2010	Introduction to Education	3
ENG 1010, 20, 30	Composition I, II, III	9
	Sophomore English	9
HEA 2210	Personal Health	3
	Western Civilization or American History	9
MAT: 2310, 20	Concepts of Mathematics I, II	
PSY 1010, 20	General Psychology I, II	6
PSY 2210	Educational Psychology	3
PSY 2410	Child Psychology	3
SPE 2410	Child Psychology	3
	Natural Science	12
	Physical Education ActivitySocial Science Electives	6
	Electives	
		-
	TOTAL HOU	JRS 99

ASSOCIATE OF SCIENCE (TECHNOLOGY)

This program is designed for the student who plans to obtain a B.S. degree in technology or industrial education. The curriculum includes basic science courses and eighteen elective hours in technical studies.

Catalog	Course	Quarter
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
ENG 1010, 20, 30	Composition I, II, III	9
ERG 1010, 20	Engineering Graphics I, II	6
HIS 2110, 20, 30	Survey of American History I, II, III	9
MAT 1000	Calculator and Slide Rule	1
MAT 1050	Algebra and Trigonometry I	5
MAT 1500	Pre-Calculus	
MAT 2610	Calculus and Analytic Geometry I	5
PHY 2010, 20, 30	General Physics I, II, III	12
	Technology Electives	18
	Sophomore English	9
	Physical Education Activities	3
	•	

CAREER EDUCATION PROGRAMS

ASSOCIATE OF SCIENCE (COMPUTER SCIENCE TECHNOLOGY)

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 its 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 Number	Course Title	Quarter Hours
CST 1010 CST 1020 CST 2310 ENG 1010, 20, 30 MAT 2510	Basic Core Introduction to Data Processing Introduction to Programming Introduction to Systems Analysis Composition I, II, III Elementary Statistics Physical Education Activity	3 9 3
	SUB-TOT	AL 24
Catalog Number	Course Title	Quarter Hours
BUS 1010 BUS 1810 BUS 1820 BUS 2210, 20, 30 BUS 2910 CST 2220, 30 CST 2410, 20	Business Option Introduction to Business Business Mathematics Finance Mathematics Principles of Accounting I, II, III Management and Supervision I COBOL Programming I, II Systems Analysis I, II	3 9 3 6

CST 2510 CST 2610 CST 2700 ECO 2010, 20, 30 MAT 1050 PHL 1310 PSY 2610 SPE 2440	Advanced Computing and Programming Systems3 Management Information Systems3 Management of EDP Function3 Principles of Economics I, II, III9 Algebra and Trigonometry I		
		Sub-Total 77	
		TOTAL 101	
Catalog	Course	Quarte	
Number	Title	Hour	S
CHE 1010, 20, 30	Scientific Option Basic Chemistry I, II, III	12	
CST 1210	Assembler Language Programming	3	
CST 2210	FORTRAN Programming	3	
	Sophomore EnglishSurvey of American History I, II, III	9	
HIS 2110, 20, 30	Survey of American History I, II, III.	9	
MAT 1500	Pre-Calculus	5	
MAT 2610, 20 MAT 2650	Calculus and Analytic Geometry I, II	10	
PHY 2110, 20, 30	Linear Algebra		
1111 2110, 20, 20	Physics I, II, IIISocial Science Electives	3	
	Electives		
		Sub-Total 75	
		TOTAL 99	

ASSOCIATE OF SCIENCE (DIETETIC TECHNOLOGY)

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 and rewarding career. The concept of a two-year training program for dietetic technicians is fully endorsed by The American Dietetic Association.

Catalog	Course	Quarter
Number	Title	Hours
BIO 2310, 20	Anatomy and Physiology I, II	8
BIO 2510	Microbiology	4
BUS 1810	Business Mathematics	3
BUS 2910	Management and Supervision I	3

CHE 1010, 20, 30	Basic Chemistry I, II, III	12
CST 1010	Introduction to Data Processing	3
DFT 1010	Fundamentals of Food Service	3
DFT 1020	Food Principles	
DFT 1030	Advanced Menu Planning and Quality Food	3
DFT 2110	Food Purchasing and Cost Control	
DFT 2210	Principles of Nutrition	3
DFT 2220	Therapeutic Nutrition	3
DFT 2310	Food Systems Administration	3
DFT 2410	Sanitation and Safety	3
	Physical Education Activity	3
DFT 1810, 20	Field Experience I, II	5
DFT 2810, 20, 30	Field Experience III, IV, V	12
ENG 1010, 20, 30	Composition I, II, III	9
HMT 2110	Food Distribution	
HMT 2120	Quality Food Preparation	3
POL 1010	Fundamentals of American Government	
PSY 1010, 20	General Psychology I, II	6
SOC 2010	Introduction to Sociology	3
	_	

TOTAL HOURS 104

ASSOCIATE OF SCIENCE (ELECTRICAL AND ELECTRONICS TECHNOLOGY)

This 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.

Catalog	Course	Quarter
	0011110	Quarter
Number	Title	Hours
BUS 1850	Personal Finance	3
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
ERG 1010	Engineering Graphics I	3
EET 1010, 20	Electric Circuits I, II	6
EET 1015, 25	Electric Circuits I, II Lab	2
EET 1210	Materials and Construction Practices	2
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
MAT 1010, 20	Technical Math I, II ¹	6
SOC 2010	Introduction to Sociology	3
	Technical Electives ²	21
	Natural or Physical Science Electives	6

Physical Education Activity	3
Social Sciences or Humanities Electives	
Electives	9

TOTAL HOURS 99-100

SUB-TOTAL 66

ASSOCIATE OF SCIENCE (ENGINEERING TECHNOLOGY)

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 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
ENG 1010, 20	Composition I. II	6
ENG 2820	Technical Writing	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 1100	Introduction to Engineering	3
ERG 1110	Applied Mechanics I	3
EET 1010, 20	Electric Circuits I, II	6
MAT 1050	Algebra and Trigonometry 1	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 Activity	3
	Social Science Electives	6

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

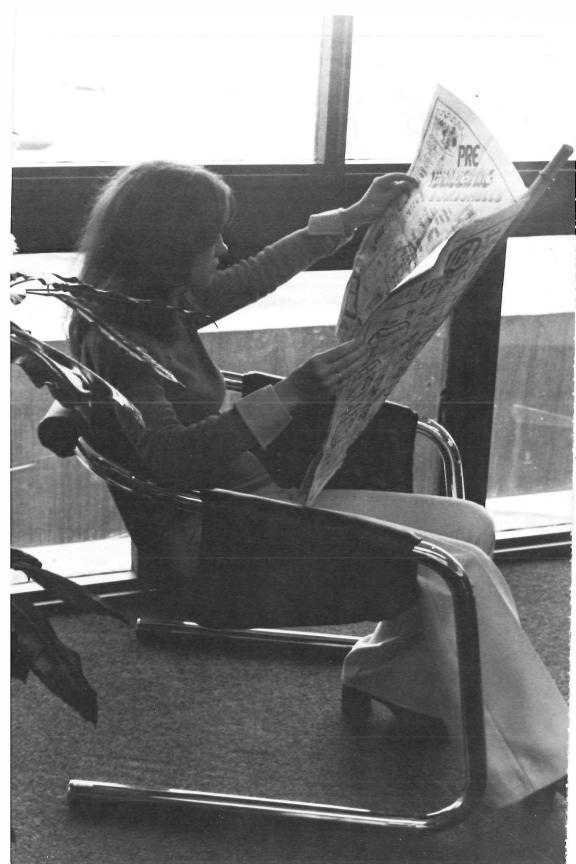
¹MAT 1050 may be substituted for MAT 1010, 20.

²To be selected from electrical and electronics courses with Division Chairman approval.

Catalog Number	Course Title	Quarter Hours
CHE 1120 CHE 1130 CHE 2310, 20 CHT 2010, 20, 30 CHT 2110 CHT 2210, 20 CHT 2410 ERG 1120 ERG 2110	Chemical Engineering Technology Op General Chemistry II (satisfies core requir General Chemistry III	ements)
		OTAL 37
	TOTAL HO	
Catalog Number	Course Title	Quarter Hours
CET 2010 CET 2110, 20 CET 2210 CET 2220 CET 2250 ERG 2210	Civil Engineering Technology Option Construction Planning Surveying I, II Soil Mechanics Hydraulics Structural Analysis Strength of Materials	3
	SUB-T	OTAL 23
Plus eith	er of the following technical elective sequence	
CET 2310 CET 2410 CET 2510 CET 2810	Technology Sequence Concrete Technology Traffic and Transportation Technology Bituminous Technology Route Surveying and Highway Design	3 3 3
	SUB-7	TOTAL 12
	TOTAL H	OURS 101
OR		
CET 2610 CET 2620 CET 2710 CET 2720	Design Sequence Reinforced Concrete Design Advanced Reinforced Concrete Design Structural Steel Design Advanced Structural Steel Design	3 3
	SUB-7	TOTAL 12
	TOTAL H	OURS 101

Catalog Number		Course Title	Quarter Hours
EET 10 EET 10 EET 13 EET 13 EET 23 EET 25 EET 25 EET 25 ERG 2 PHY 20	125 110, 20 115 125 110 115 110	Electrical Engineering Technology Option Electric Circuits I Lab Electric Circuits II Lab Electronics I, II Electronics I Lab Digital Electronics I Digital Electronics I Lab Industrial Electronics I Electronics I	1 6 1 3 1 3 1
	T01 1.4 C.1		L 21
	Plus either of t	he following technical elective sequences	
EET 12 EET 13 EET 22 EET 22 EET 23 EET 23	330 335 210 250 220	Electronics Sequence Materials and Construction Practices	3 1 3 3
		SUB-TOTA	L 14
		TOTAL HOURS	101
OR			
EET 16 EET 16		Power and Industrial Sequence Electrical Systems Design I, II Elements of Electrical Generation, Transmission and Distribution	
EET 16	535	Elements of Electrical Generation,	
EET 25 EET 25		Transmission and Distribution LabIndustrial Electronics II	3
		SUB-TOTA	L 14
		TOTAL HOURS	101

Catalog Number	Course Title	Quarter Hours
	Mechanical Engineering Technology Option	1
CST 1010 ERG 1120	Introduction to Data Processing	3
MET 1010, 20	Applied Mechanics II	3 6
MET 1110	Materials of Industry	3
MET 1210	Materials of IndustryIndustrial Organizations and Institutions	3
MET 1310	Hydraulics and PneumaticsGeneral Physics II (satisfies core requirement)	3
PHY 2020	Electives	
	Licetives	
	SUB-TOTA	L 24
Plus either of	the following technical elective sequences	
	Design Sequence	•
ERG 2210 MET 2010	Strength of Materials	3
MET 2010 MET 2110	Piping Drafting Machine Design	3
MET 2210	Basic Tool Design	4
MET 2310	Design Problems	4
	SUB-TOTA	L 17
	TOTAL HOURS	107
	Production Sequence	
MET 2410	Methods and Operations Analysis	4
MET 2510	Statistics and Quality Control	3
MET 2610	Plant Layout and Materials Handling	4
MET 2710 MET 2810	Process Planning Production Problems	4 4
WIE1 2010	1 Todaedon 1 Tooleins	
	SUB-TOTA	L 19
	TOTAL HOURS	109
Catalog	Course	Quarter
Number	Title	Hours
ERG 1120	Nuclear Engineering Technology Option Applied Mechanics II	3
ERG 2110	Thermodynamics	3
MAT 2620	Calculus and Analytic Geometry IIIntroduction to Nuclear Technology	5
NUC 1010	Introduction to Nuclear Technology	3
NUC 2010 NUC 2110	Nuclear Physics	3
NUC 2120	Radiation Protection	3
NUC 2310	Reactor Analysis and Design	3
NUC 2510	Nuclear Laboratory	3
NUC 2710 Phy 2020	Radioisotopes	3
PHY 2030	General Physics II (satisfies core requirement) General Physics III	4
	Technical Electives	
	SUB-TOTA	L 39
	TOTAL HOURS	
	TOTAL HOURS	3 103



ASSOCIATE OF SCIENCE (GENERAL BUSINESS ADMINISTRATION) (Two-Year)

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. The 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 Number BUS 1010 BUS 1810 BUS 1820 BUS 1850 BUS 2310 BUS 2320 BUS 2410 BUS 2520 CST 1010 ECO 2010, 20, 30 ENG 1010, 20 ENG 2820 PSY 1010, 20 PSY 2610 SOC 2010 SPE 2410	Course Title Introduction to Business Business Mathematics Finance Mathematics Personal Finance Income Tax Accounting-Personal Income Tax-Business Business Machines I-Computational Legal Environment for Business Business Law Introduction to Data Processing Principles of Economics I, II, III Composition I, II Technical Writing General Psychology I, II Psychological Aspects of Management Introduction to Sociology Basic Speech Communication Physical Education Activity Business Electives Electives	33333333333333333333
Catalog Number BUS 2900 BUS 2270, 80 BUS 2810 BUS 2830	Course Title Small Business Option Small Business Management Managerial Accounting I, II Salesmanship Marketing.	Quarter Hours363
	SUB-TOTA Total houi	

Catalog Number	Course Title	Quarte Hours
	General Business Option	120000
BUS 2210, 20, 30	Principles of Accounting I, II, III	9
BUS 2250	Cost Accounting	3
CST 1020	Introduction to Programming	3
	SUB-TOT.	AL 15
		-
	TOTAL HOU	RS 99



ASSOCIATE OF SCIENCE (GENERAL CLERICAL)

(Two-Year)

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 to function more effectively in the business world.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 1110	Business Communications	3
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	
BUS 1850	Personal Finance	
BUS 2210, 20, 30	Principles of Accounting I, II, III ¹	9
BUS 2410	Business Machines-Computational	3
BUS 2420	Business Machines-Duplication	3
BUS 2510	Legal Environment for Business	3
COE 1010	Cooperative Education I ²	3
CST 1010	Introduction to Data Processing	3
ECO 2010, 20	Principles of Economics I, II	6
ENG 1010, 20, 30	Composition I, II, III	9
HIS 1030	Survey of Western Civilization III	3
PSY 1010, 20	General Psychology I, II	6
PSY 2610	Psychological Aspects of Management	3
SPE 2410	Basic Speech Communication	3
SSC 1010, 20, 30	Typing I, II, III	9
SSC 1210	Machine Transcription	3
SSC 2010	Typing IV	3
SSC 2210	Office Practice	3
SSC 2210 SSC 2810	Report Writing/Records Management	
33C 2010	Physical Education Activity	2
	Electives	12
	LIEGUIVES	1 2

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

²Or a course approved by the Division Chairman.

ASSOCIATE OF SCIENCE (SECRETARIAL SCIENCE) (Two-Year)

The two-year program in secretarial science is designed to prepare a professional secretary in the many aspects of secretarial work in the modern business, medical, or legal office. Proficiency is developed in the skills of typewriting, shorthand dictation, transcription, office machines, and office management. The wide scope of courses offered in this program will provide an opportunity for the student to increase his 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	Quartei
Number	Title	Hours
	Basic Core	
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	3
BUS 1110	Business Communications	3
BUS 2210	Principles of Accounting I	3
BUS 2410	Business Machines-Computation	nal3
BUS 2420	Business Machines-Duplication	3
BUS 2510	Legal Environment for Business	s3
COE 1010	Cooperative Education I ¹	3
CST 1010	Introduction to Data Processing	g3
ECO 2010	Principles of Economics I	3
ENG 1010, 20	Composition I, IISurvey of Western Civilization	6
HIS 1030	Survey of Western Civilization	III3
PSY 1010	General Psychology I	3
SSC 1010, 20, 30	Typing I, II, III	9
SSC 1110, 20, 30	Shorthand I, II, III	15
SSC 1210	Machine Transcription	3
SSC 2010	Typing IV	3
SSC 2210	Office Practice	3
SPE 2410	Basic Speech Communication	3
SSC 2810	Report Writing/Records Manag	gement3
	Physical Education Activity	3

SUB-TOTAL 84

¹Or a course approved by the Division Chairman.

Catalog Number	Course Title	Quarter Hours
BUS 2220 ECO 2010 SSC 2110	Executive Secretary Option Principles of Accounting II Principles of Economics II Shorthand IV Electives	3 5
	SUB-TOTA	L 17
	TOTAL HOUR	S 101
Catalog Number	Course Title Legal Secretary Option	Quarter Hours
SSC 2310 SSC 2320 SSC 2330	Legal Secretary I Legal Secretary II Legal Transcription Electives	3 9
	SUB-TOTA	AL 18
	TOTAL HOUR	S 102
Catalog Number	Course Title Medical Secretary Option	Quarter Hours
MRT 1210 MRT 1220 MRT 1230	Medical Terminology I	3 3
	SUB-TOTA	AL 18
	TOTAL HOUR	S 102

ASSOCIATE OF SCIENCE (ACCOUNTING TECHNOLOGY)

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

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 1010	Introduction to Business	
BUS 1810	Business Mathematics	
BUS 1820	Finance Mathematics	3
BUS 2210, 20, 30	Principles of Accounting I, II, III	
BUS 2250	Cost Accounting	3
BUS 2310, 20	Cost Accounting Income Tax Accounting I, II	6
BUS 2410	Business Machines I-Computational	3
BUS 2510	Legal Environment for Business	3
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	3
ECO 2010, 20, 30	Principles of Economics I, II, III	9
ENG 1010, 20, 30	Composition I, II, III	9
ENG 2820	Technical Writing	3
MAT 1110	Introduction to Analysis I	3
MAT 2510	Elementary Statistics	3
PSY 2610	Psychological Aspects of Management	3
	Physical Education Activity	3
	Electives	12

ASSOCIATE OF SCIENCE (FIRE SCIENCE TECHNOLOGY)

This 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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
BUS 2910	Management and Supervision I	3
CST 1010	Introduction to Data Processing	3
EET 1110, 20	Electric Fundamentals 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	3
FST 1010	Introduction to Fire Science	3
FST 1020	Municipal Fire Protection	3
FST 1030	Industrial Hazards	3
FST 1110	Construction Codes and Fire	
	Protection Standards	3
FST 2010	Fire Fighting Strategy	3
FST 2230	Water Suppression Systems	3
FST 2110	Inspection Principles and Practices	4
FST 2120	Principles of Hydraulics	3
FST 2210	Flammable Materials	3
FST 2220	Water Distribution	
	Physical Education Activity	3
FST 2510	Fire Protection Equipment and Systems	
FST 2610	Fire Department Administration	3
FST 2620	Seminar	
FST 2700	Practicum	
HEA 2310	Safety and First Aid	3
MAT 1010, 20	Technical Math I, II	6
POL 1030	State and Local Government in the U.S	3
	Natural Science	12
	Electives	3

ASSOCIATE OF SCIENCE (HOTEL-MOTEL-RESTAURANT MANAGEMENT)

This 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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarte
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	
BUS 1820	Finance Mathematics	
BUS 2210, 20, 30	Principles of Accounting I, II, III	9
BUS 2410	Business Machines I-Computational	
BUS 2510	Legal Environment for Business	
BUS 2520	Business Law	
BUS 2810	Salesmanship	3
BUS 2820	Retailing	3
BUS 2910, 20, 30	Management and Supervision I, II, III	9
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
HMT 1000	Introduction to Hotel-Motel-Restaurant	
	Management	3
HMT 1010	Hotel-Motel Front Office Procedure	
HMT 1110, 20, 30	Hotel-Motel-Restaurant Seminar I, II, III	9
HMT 2010	Hotel-Motel-Restaurant Practicum	
HMT 2110	Food Distribution	3
HMT 2120	Quality Food Preparation	3
FST 1030	Industrial Hazards	3
PSY 2610	Psychological Aspects of Management	3
SPE 2440	Business and Professional Speaking	3
	Physical Education Activity	
	Electives	12

ASSOCIATE OF SCIENCE (MANAGEMENT AND SUPERVISION TECHNOLOGY)

This program is designed for those 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	Course	Quarte
Number	Title	Hours
BUS 1010	Introduction to Business	3
BUS 1810	Business Mathematics	
BUS 1820	Finance Mathematics	3
BUS 1850	Personal Finance	
BUS 2270, 80	Managerial Accounting I, II	6
BUS 2410	Business Machines I-Computational	3
BUS 2510	Legal Environment for Business	
BUS 2520	Business Law	
BUS 2810	Salesmanship	
BUS 2820	Retailing	3
BUS 2830	Retailing Marketing	3
BUS 2910, 20, 30	Management and Supervision I, II, III	9
BUS 2940	Management Seminar	3
CST 1010	Introduction to Data Processing	3
ECO 2010, 20	Principles of Economics I, II	6
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
FST 1030	Industrial Hazards	3
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Management	3
SPE 2440	Business and Professional Speaking	3
	Physical Education Activity	3
	Electives	

ASSOCIATE OF SCIENCE (MEDICAL RECORDS TECHNOLOGY)

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	3
BUS 2410	Business Machines I-Computational	3
CST 1010	Introduction to Data Processing	3
ENG 1010, 20, 30	Composition I, II, III	9
MRT 1010, 20, 30	Medical Records I, II, III	9
MRT 1210, 20	Medical Terminology I, II	6
MRT 1230	Medical Transcription	3
MRT 2310, 20, 30	Directed Practice I, II, III	9
MRT 2410	Advanced Medical Records	3
MRT 2420	Office Supervision for the Medical	
	Record Supervisor	3
MRT 2430	Medical Records Seminar	3
PSY 1010, 20	General Psychology I, II	
PSY 2610	Psychological Aspects of Management	
SOC 2010	Introduction to Sociology	3
SOC 2020	Social Institutions	3
SPE 2440	Business and Professional Speaking	3
SSC 1010	Typing I (or equivalent)	3
	Physical Education Activity	3
	Social Science Electives	3
	Electives	
	2.001.00	

ASSOCIATE OF SCIENCE (OPERATING ENGINEERING TECHNOLOGY)

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 Number	Course Title	Quarter Hours
BUS 1850	Personal Finance	3
EET 1110, 20	Electric Fundamentals I, II	6
ENG 1010	Composition I	3
ENG 2820	Technical Writing	3
FST 2020	Blue Print Reading	3
HEA 2310	Blue Print Reading	3
MAT 1010, 20	Technical Math I, II	6
OET 1010	General Introduction to Operating	
	Engineering and History of the Labor	
	Movement	2
OET 1020	Introduction to General Construction	
	Power Sources	2
OET 1030	Introduction to Basic Power Trains and	
	Undercarriages	2
OET 1040	Introduction to Basic Electricity,	
	Hydraulics, and Pneumatics	3
OET 1110, 20, 30	Apprenticeship Field Experiences I, II, III	
OET 1210	Introduction to Fuels, Oils, and Lubricants	
OET 1220	General Introduction to Welding, Rigging,	
	Soils, and Compaction	2
OET 1230	Function of Grades and Grade Stakes	2
OET 1240	Introduction to Construction Equipment	
OET 2540, 50	Apprenticeship Field Experiences IV, V	
	Program Electives	
	Social Science Electives	6

ASSOCIATE OF SCIENCE (POLICE SCIENCE AND CRIMINOLOGY EDUCATION)

This 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	Quartei
Number	Title	Hours
BUS 2910	Management and Supervision I	3
CST 1010	Introduction to Data Processing	
ENG 1010, 20	Composition I, II	6
ENG 2820	Technical Writing	3
FST 1020	Municipal Fire Protection	3
HEA 2310	Safety and First Aid	3
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 Organization	
PST 2130, 40	Police Science III, IV	6
PST 2200	Seminar in Police Problems	6
POL 1010	Fundamentals of American Government	3
POL 1020	United States National Government	3
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
SSC 1010	Typing I	3
SOC 2010	Introduction to Sociology	3
SOC 2020	Social Institutions	3
SOC 2030	Social Problems	3
SOC 2130	Introduction to Criminology	3
	Physical Education Activity	3
	Electives	12

ASSOCIATE OF SCIENCE (RECREATION MANAGEMENT AND ADMINISTRATION TECHNOLOGY)

The Recreation Management and Administration 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.

SUMMARY OF REQUIRED HOURS

Catalog	Course	Quarter
Number	Title	Hours
ART 1810	School Art	3
BUS 1810	Business Mathematics	3
ENG 1010, 20, 30	Composition I, II, III	9
,	Biological Science !	12
HEA 2210	Personal Health	3
HEA 2310	Safety and First Aid	3
PED 2720	Individual and Dual Sports	3
PSY 1010, 20	General Psychology I, II	6
PSY 2610	Psychological Aspects of Management	3
REC 1010	Introduction to Recreation	3
REC 1020	Social Recreation	
REC 1030	Outdoor Education	3
REC 1110	Team SportsArts and Crafts	3
REC 1310	Arts and Crafts	3
REC 2010	Organization and Administration in Recre	ation3
REC 2310	Water Sports	3
REC 2410	Field Work	3
SOC 2010	Introduction to Sociology	3
SOC 2030	Social Problems	3
SPE 2410	Basic Speech Communication	3
SPE 2730	Introduction to Theatre	3
	Program Electives	
	Physical Education Activity	6

¹Students 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	Quarte
Number	Title	Hours
CET 2010	Construction Planning	3
CET 2050, 60	Civil Drafting I, II	6
CET 2250	Structural Analysis	
CET 2610	Reinforced Concrete Design	3
CET 2620	Advanced Reinforced Concrete Design	3
CET 2710	Structural Steel Design	3
CET 2720	Structural Steel Design	3
CST 2210	FORTRAN Programming	3
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 1	5
MAT 1500	Pre-Calculus	5
MET 2010	Piping Drafting	3

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



CIVIL ENGINEERING — SURVEYING (CERTIFICATE)

SUMMARY OF REQUIRED HOURS

Catalog	Course	Ouarter
Number	Title	Hours
CET 2010	Construction Planning	3
CET 2110, 20	Surveying I, II	8
CET 2210	Soil Mechanics	3
CET 2410	Traffic and Transportation Technology	3
CET 2810	Route Surveying and Highway Design	3
ERG 1050	Elementary Mechanics	3
ERG 1010, 20	Engineering Graphics I, II	6
ERG 2210	Strength of Materials	3
ENG 2820	Technical WritingAlgebra and Trigonometry!	3
MAT 1050	Algebra and Trigonometry ¹	5
MAT 1500	Pre-Calculus	5

TOTAL HOURS 45

TOTAL HOURS 47

ELECTRONICS TECHNOLOGY (CERTIFICATE)

This 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.

Catalog	Course	Quarter
Number	Title	Hours
ENG 1010	Composition I	3
EET 1110, 20	Electric Fundamentals I, II	
EET 1010	Electric Circuits I	
EET 1140, 50	Electronic Communications I, II	10
EET 1160	Industrial Electronics Measurement and	
	Control	5
MAT 1050	Algebra and Trigonometry I	5
	Natural Science	12
	Social Science	3

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

GENERAL CLERICAL (CERTIFICATE)

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

SUMMARY OF REQUIRED HOURS

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

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 division of Continuing Education, 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

ANI
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
ART 2410 — Ceramics I

ART 2420 — Ceramics II
with instructor. 2 hours lecture — 4 hours studio
ART 2430 — Ceramics III
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
graphic processes. 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.
BIO 1110 — General Biology I
NOTE: Students with the equivalent of at least 2 years of high school biology or satisfactory ACT scores may elect BIO 2610, 20, 30 (see course descriptions) instead of BIO 1110, 20, 30.

BIO 1130 — General Biology 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
- -
BIO 2420 — Comparative Vertebrate Anatomy
3 hours lecture — 3 hours laboratory
BIO 2510 — Microbiology
BIO 2610 — Genetics
3 hours lecture — 2 hours laboratory
BIO 2620 — Cell Biology
3 hours lecture — 2 hours laboratory
BIO 2630 — Ecology

BUSINESS AND COMMERCE
BUS 1010 — Introduction to Business
BUS 1110 — Business Communications
transcription equipment. Job application and interviewing techniques are covered, along with techniques for more effective listening.
BUS 1810 — Business Mathematics
BUS 1820 — Finance Mathematics
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 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

DIIC 2010 Colognopolis 2 Cycdita
BUS 2810 — Salesmanship
industrial and consumer retailing, methods of market analysis, salesmanship
and sales methods.
BUS 2820 — Retailing
A study of the principles and practices of retailing including planning, policies,
and procedures of distribution.
BUS 2830 — Marketing
industries and commerce distribution of resources, factors of distribution and
transportation.
BUS 2900 — Small Business Management
An introductory course designed to provide an overview of the business en-
vironment and requirements for successfully operating a small business. Topics
covered will include forms of business, credit management, utilizing profession- als, information management, etc. Students must secure departmental approval
to take this course.
BUS 2910 — Management and Supervision I
BUS 2920 — Management and Supervision II 3 Credits
BUS 2930 — Management and Supervision III
A three course sequence designed to introduce the basic aspects of supervisory
development, to include the functions of management, communications skills,
interpersonal relations, motivation, morale, discipline, leadership, training and evaluation, decision making and self-development.
BUS 2940 — Management Seminar
management. Students are guided through individual projects and outside
research related to their area of concentration and employment training.
BUS 2950 — Labor Relations
A broad overview of the general nature of the labor-management relationship
as it exists. Specific areas studied include: historical, legal and structural environments which influence contractural content and labor relations; and the
examination of the negotiation, administration, and content of the labor
contract. Students must secure departmental approval to take this course.
CHEMISTRY
To receive credit for a Chemistry course, the lecture section must be ac-
companied by a laboratory session during the same quarter.
companied by a laboratory session during the same quarter.
CHF 1010 — Basic Chemistry I
CHE 1010 — Basic Chemistry I
atomic structure, periodic law, physical states of matter, chemical bonding,
types of compounds, gas laws. (Prerequisite: MAT 1110 or high school alge-
bra.)
CHE 1020 — Basic Chemistry II
aromatic organic chemistry.
CHE 1030 — Basic Chemistry III
A continuation with emphasis on functional groups, biochemistry, drugs, and
biologically active compounds.
3 hours lecture — 3 hours laboratory

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

CHE 1110 — General Chemistry I4 Credits

3 hours lecture — 3 hours laboratory

3 hours lecture — 3 hours laboratory

CHE 2320 — Organic Chemistry II 4 Credits

CHE 1030.)

3 hours lecture — 3 hours laboratory

CHEMICAL TECHNOLOGY

6 hours lecture — laboratory

6 hours lecture — laboratory

6 hours lecture — laboratory

4 hours lecture — laboratory

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....... 3 Credits Course will introduce the student to drafting practices pertinent to the field of Civil Engineering. Work will include topographic drawings, land layout, utility plans and profiles. (Prerequisite: ERG 1020.) 1 hour lecture — 5 hours laboratory Course will continue topic covered in Civil Drafting I with additional emphasis quired in steel and reinforced concrete will be covered. (Prerequisite: CET 2050.) 1 hour lecture — 6 hours laboratory Introduction to surveying, chaining and pacing, direct and profile leveling, measurements of angles, transit-tape-traversing, traverse analysis, calculation of areas, adjustment of instruments. (Prerequisite: MAT 1050 or MAT 1010 or 1020.) 3 hours lecture — 3 hours laboratory Basic complex circular curves, stadia surveying, topographic surveying analysis and preparation of topographic maps. Field work parallels classroom instruction. (Prerequisite: CET 21 10.) 3 hours lecture — 3 hours laboratory Physical properties of soils as applied to civil engineering; index properties, permeability, moisture-density, consolidation and shear strength. (Prerequisite: ERG 2210.) Principles of fluid flow and development of practical hydraulics resulting from study of fluid statics, flow of real fluid in pipes, multiple pipe lines, liquid flow in open channels, and fluid measurement techniques. (Prerequisite: ERG 1050 or ERG 1110.) 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.) 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
CET 2620 — Advanced Reinforced Concrete Design
Continuation of CET 2610. (Prerequisite: CET 2610.) CET 2710 — Structural Steel Design
CET 2720 — Advanced Structural Steel Design
CET 2810 — Route Surveying and Highway Design
COOPERATIVE EDUCATION
COE 1010 — Cooperative Education I
COE 1020 — Cooperative Education II
COE 1030 — Cooperative Education III
COE 1040 — Cooperative Education IV
COMPUTER SCIENCE TECHNOLOGY
CST 1010 — Introduction to Data Processing
CST 1020 — Introduction to Programming
CST 1210 — Assembler Language Programming
CST 2100 — Computer Applications in Accounting

- course should not be taken until completion of all the prerequisites listed below. (Prerequisites: BUS 2210, BUS 2220, and CST 1020.)

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 and recommendation of high school and college counselors.

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.

DVS 0510 — Basic Communications I
DVS 0520 — Basic Communications II1-3 Credits
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 1-3 Credits
DVS 0730 — Basic Mathematics III
DIETETIC TECHNOLOGY
DFT 1010 — Fundamentals of Food Service
operation.
DFT 1020 — Food Principles
DFT 1030 — Advanced Menu Planning and Quality Food
DFT 1810 — Field Experience I
One lecture hour per week is devoted to orientation to the health field, the various professions within it and their relationships. Laboratory work consists of approximately 60 hours of supervised observation and practical experience designed to increase student understanding of dietetics as related to hospital dietary department function.
DFT 1820 — Field Experience II

Fundamentals of sound purchasing methods based on the analysis of quality food, accepted food standards, availability of food, legal regulations, and recommended ordering techniques. Methods of controlling food costs in relation to budgeting and purchasing. DFT 2210 — Principles of Nutrition 3 Credits Nutritive value and functions of food in the body, including personal and family nutritive requirements. This course is designed to relate the principles of nutrition to special and abnormal conditions. A study of dietary modification necessary as a result of medical or surgical problems is included. Routine hospital diets are studied and aid in planning modified diets is given. Management aspects of food service systems: organization, personnel, food and financial. DFT 2410 — Sanitation and Safety....... 3 Credits Detailed study of the control of bacteria in the food service industry. Good practices in housekeeping, sanitary food handling, and personal cleanliness. Practical problems concerned with protection of health and with prevention of food spoilage and contamination. Importance of safety and accident preven-This course provides approximately 60 hours of supervised observation and practical experience in a health care facility dietary department. It is planned to parallel content of major college courses and is a continuation of a series of supervised field experiences designed to develop practitioner competency. Five laboratory hours per week. This course provides approximately 90 hours of supervised observation and practical experience in a health care facility dietary department. It is planned to parallel content of major college courses and is a continuation of a series of supervised field experiences designed to develop practitioner competency. Seven and one-half laboratory hours per week. The student participates in approximately 180 hours of supervised experience in actual working situations on varying shifts in affiliated health care food service. This experience is designed to provide practical application of principles learned. One hour per week is scheduled at the college as a seminar session. One lecture, fifteen laboratory hours per week.

ECONOMICS

ECO 2030 — Principles of Economics III
EDUCATION
A short survey of the field of education in which the history of American education, present philosophies of education, major problems of education, present practices and the school as a social institution are considered.
EDU 2110 — Driver and Traffic Safety Education
EDU 2310 — Audio-Visual Aids
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 2910 — Prospective Teacher Cooperative Practicum I
EDU 2920 — Prospective Teacher Cooperative Practicum II
ELECTRONICS TECHNOLOGY
EET 1010 — Electric Circuits I
EET 1015 — Electric Circuits Lab I

EET 1025 — Electric Circuits Lab II
EET 1110 — Electric Fundamentals I
EET 1120 — Electric Fundamentals II
EET 1130 — Electronic Circuit Fundamentals
EET 1140 — Electronic Communications I 5 Credits
EET 1150 — Electronic Communications II
EET 1160 — Industrial Electronics Measurement and Control
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				
3 hours laboratory EET 1410 — Electronics Drafting I				
Basic drafting practices, use of instruments, theory of projections, and freehand sketching. Methods and principles of graphically presenting electronic information. Covers the principles of circuit layout and introduces the student to electronic symbols employed in electronic circuit schematics. I hour lecture — 3 hours laboratory				
This course is a study of the design of electrical service systems for residential, commercial and industrial applications. The student will learn to design electrical systems in accordance with local and national electrical codes. Topics included will be an introduction to electrical codes, types of conductors and cables, safety grounding, overcurrent protection, branch circuits, estimate of loads, and equipment selection. The student will be given practical problems in the layout and design of electrical service systems for residential, commercial and industrial locations. (Prerequisite: EET 1020.)				
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				
Distribution Laboratory				
Basic principles and practice of modern electrical wiring for residential, commercial and farm installations. Including installation of service entrance and ground, wiring of specific outlets and common switch legs, wiring of heavy appliances, modernization of installation, grounding theory and practice. Requirements of National Electrical Code are emphasized through course. 3 hours lecture — 3 hours laboratory				
EET 2210 — Electronics Project				
3 hours laboratory EET 2250 — Special Topics in Electronics				
EET 2260 — Electronic Troubleshooting				
EET 2310 — Digital Electronics I				
A study of binary number system, switching algebra and fundamental com-				
puter circuits. EET 2315 — Digital Electronics I Laboratory				

ERG 2010 — Engineering Mechanics I
Statics of particles and rigid bodies resultants of force systems, static equilib-
rium, friction, and moments. (Prerequisite: MAT 2610 and PHY 2110.) ERG 2020 — Engineering Mechanics II
Dynamics of particles and rigid bodies, kinematics, kinetics, Newton's laws, and impulse-momentum. (Prerequisite: ERG 2010.)
ERG 2110 — Thermodynamics
(Prerequisite: MAT 2610.) ERG 2210 — Strength of Materials
Stress; strain; Hooks's Law; extension, torsion, and bending of bars; plastic action. (Prerequisite: ERG 1050 or ERG 1110.)
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 three of the five courses offered — World Literature I, II, III, American Literature, or Ethnic Literature.
ENG 2110 — World Literature I
ENG 2120 — World Literature II
ENG 2130 — World Literature III
ENG 2140 — American Literature
ENG 2150 — Ethnic Literature
ENG 2310 — Children's Literature
ENG 2320 — Modern Grammar for Teachers

Theory and practice of the creation of fiction, drama, and poetry by the analysis of models and student manuscripts. (Permission of the instructor is re-
quired.)
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 Standards
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
FST 2220 — Water Distribution
FST 2230 — Water Suppression Systems
Study of the required standard for water supply; special hazards protection systems; automatic sprinklers and special extinquishing systems; automatic signaling and detection systems; rating organizations and underwriting agencies.

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 3 Credits				
FRE 1030 — Beginning French III				
Elementary grammar, pronunciation, conversation and simple readings. (Laboratory required.)				
FRE 2010 — Intermediate French I				
FRE 2020 — Intermediate French II				
FRE 2030 — Intermediate French III				
GEOGRAPHY				
GGY 1010 — Physical Geography I				
GGY 1020 — Physical Geography II				
(Earth Physical Systems) An investigation of the natural environment as a system comprised of landforms, soils, vegetation, and animals, each conditioned by climate. Topics of interest include volcanoes and earthquakes, stream erosion and mountain building, continental drifting and animal distributions, and soil formation and vegetation development. (No prerequisites)				
GGY 1030 — Introduction to Human Geography				
GGY 2110 — World Regional Geography I				

GGY 2120 — World Regional Geography II
GGY 2130 — World Regional Geography III
GGY 2210 — Introduction to Economic Geography
GERMAN
GRN 1010 — Beginning German I
GRN 1020 — Beginning German II
GRN 1030 — Beginning German III
GRN 2010 — Intermediate German I
GRN 2020 — Intermediate German II
GRN 2030 — Intermediate German III
HEALTH
HEA 2210 — Personal Health
A consideration of principles from the natural, biological, social, and behavioral sciences as they may be applied to healthful living. Emphasis on knowledge, attitudes, and practices related to self-direction of health behavior.
HEA 2310 — Safety and First Aid
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 Management 3 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				
HMT 1130 — Hotel-Motel-Restaurant Seminar III				
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				
newspapers, magazines, radio, television, film, advertising, public relations, the recording industry, press associations and specialized publications. Emphasis is on the content of the mass media and the effects the media have on society and				
individual citizens. JRN 1510 — Journalism Practicum I				
JRN 1520 — Journalism Practicum II				

JRN 1530 — Journalism Practicum III			
JRN 2210 — Writing for Mass Media 3 Credits			
A general course in writing for major types of mass communications media, with emphasis on news reporting. (Prerequisite: JRN 1110 and typing proficiency, or permission of instructor.)			
JRN 2220 — Reporting			
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 1 Credit			
JRN 2520 — Supervised Publications Work II 1 Credit			
JRN 2530 — Supervised Publications Work III 1 Credit			
A continuation of Journalism Practicum I, II, III.			
JRN 2750 — Introduction to Broadcasting			
A broad, basic course covering organization, comparative systems, regulatory and technical aspects of the broadcasting industry.			
MATHEMATICS			
MAT 1000 — Calculator and Slide Rule			
MAT 1010 — Technical Math I			
MAT 1020 — Technical Math II			
MAT 1050 — Algebra and Trigonometry I			
MAT 1060 — History of Mathematics			
MAT 1070 — Geometry			
MAT 1110 — Introduction to Analysis I			
MAT 1120 — Introduction to Analysis II			

MAT 1130 — Introduction to Analysis III
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
MAT 2550 — Probability and Statistics
MAT 2610 — Calculus and Analytic Geometry I
MAT 2620 — Calculus and Analytic Geometry II
MAT 2630 — Calculus and Analytic Geometry III
MAT 2640 — Calculus and Analytic Geometry IV

MECHANICAL TECHNOLOGY

2 hours lecture — 3 hours laboratory

2 hours lecture — 3 hours laboratory

hydraulics and pneumatics for power transmission and for control purposes. Both areas are treated as basic sciences with emphasis on mathematical analysis and the scientific method. It is recommended that individual term problems requiring a significant amount of handbook design be required for this course.

2 hours lecture — 3 hours laboratory

1 hour lecture — 6 hours laboratory

1 hour lecture — 6 hours laboratory

1 hour lecture — 9 hours laboratory

3 hours lecture — 3 hours laboratory

on the relationship of theoretical concepts to practical manufacturing operations and processes so that assignable causes and weaknesses in a process can be readily isolated and recognized.

2 hours lecture — 3 hours laboratory

3 hours lecture — 3 hours laboratory

3 hours lecture — 3 hours laboratory

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

1 hour lecture — 9 hours laboratory

MEDICAL RECORDS

MRT 1030 — Medical Records III
MRT 1210 — Terminology I
MRT 1220 — Terminology II
MRT 1230 — Medical Transcription
MRT 2310 — Directed Practice I
MRT 2320 — Directed Practice II
MRT 2330 — Directed Practice III
MRT 2410 — Advanced Medical Records
MRT 2420 — Office Supervision For The Medical Record Supervisor 3 Credits Introduction to the field of organization and management plus personnel management. Instruction in office arrangement and design and equipment selection. Laboratory experience in organization charts, procedure manuals, budgets, and equipment purchasing. (Corequisite: MRT 2320.)
MRT 2430 — Medical Records Seminar

MILITARY SCIENCE (ROTC)

Historical examples of effective and ineffective leadership and application of the principles of war. Practical exercises in leadership development.

- NOTE: Additional information concerning the Army Reserve Officer's Training Corps (ROTC) program may be obtained from the guidance counselor or the ROTC instructor

MUSIC

Theory and Literature
MUS 1010 — Music Appreciation
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
A beginning study of music, its terminology, and elements such as notes, scales, intervals, keys, triads, meter and smaller forms. Designed to acquaint the
student with notation, the keyboard, sight singing, and ear training. Offered for
non-music majors or for remedial study for music majors.
MUS 1110 — Beginning Theory I
MUS 1120 — Beginning Theory II
MUS 1130 — Beginning Theory III4 Credits
Ear training, sight singing, dictation, rhythmic reading, harmonic analysis,
written and keyboard harmony, two voice counterpoint, homophonic forms,
standard vocabulary of chords and inversions. Must be taken in sequence.
3 hours lecture — 2 hours laboratory
MUS 2010 — Introduction to Music Literature I
Designed to give the student a thorough grounding in music of Western civili-
zation from antiquity through the Renaissance. Students learn through class lecture, listening assignments, concert attendance and performance of repre-
sentative literature.
MUS 2020 — Introduction to Music Literature II
A continuation of MUS 2010, beginning with the Baroque era and continuing
through the Classic era.
MUS 2030 — Introduction to Music Literature III
A continuation of MUS 2020, dealing with the music of the nineteenth and
twentieth centuries.
MUS 2110 — Advanced Theory I
MUS 2120 — Advanced Theory II
MUS 2130 — Advanced Theory III
Four-part harmony using secondary dominants, modulation, harmonic analy-
sis, sight singing, ear training, melodic and harmonic dictation, keyboard
narmony Neappolitan and augmented civth chords diminished sevenths and
harmony. Neapolitan and augmented sixth chords, diminished sevenths and
other chromatic harmonies; analysis of early 19th century works; the sonata form. Further studies of musical forms, analysis of 19th and 20th century

works, serial composition, original composition. Three and four voice counterpoint, part writing, figured bass, binary and ternary forms. Must be taken in sequence.

Applied Music: Ensembles

Non-music majors are invited to participate in as many of the music courses as possible, particularly chorus and band.

Applied Music: Class Instruction

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

MUS 1510 — Class Lessons in Voice I	1 Credit
MUS 1520 — Class Lessons in Voice II	1 Credit
MUS 1530 — Class Lessons in Voice III	1 Credit
Group instruction in basic techniques of breath control, tone pro	oduction, dic-
tion, phrasing and interpretation using simple song repertoire, w	ith suggested
songs suitable for solos. A study of the vocal instrument and stage	presence will
be included. Meets twice weekly. Daily practice required. Not for	or the student
whose major is voice	

" Hobe Hajor is voice.	
MUS 1610 — Class Piano I	it
MUS 1620 — Class Piano II	it
MUS 1630 — Class Piano III	it
Group instruction in basic keyboard technique for students with no prior train	1-
ing in piano. Electronic pianos will be used. Meets twice per week. Daily practice of the pianos will be used.	2-

tice required.

Applied Music: Individual Instruction

Private lessons in voice, organ, piano, or other instruments may be taken each quarter for one or two quarter hours credit. Any student may take private lessons but only students performing at the college level will receive academic credit. Scheduling preferences will be given to full-time music majors. Students receive 25 minutes of private instruction per week per quarter hour of credit.

Requirements include appearance in solo classes and performance before a faculty board at the close of each quarter. A recital is required for music majors in their applied major field during their second year of study. 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. Practice requirements established by instructor.

MUS 1211-21-31 — Individual Instruction in Brass Instruments 1 Credit
MUS 2211-21-31 — Individual Instruction in Brass Instruments
MUS 1212-22-32 — Individual Instruction in Brass Instruments 2 Credits
MUS 2212-22-32 — Individual Instruction in Brass Instruments 2 Credits (Two lessons per week)
MUS 1311-21-31 — Individual Instruction in Woodwinds 1 Credit
MUS 2311-21-31 — Individual Instruction in Woodwinds
MUS 1312-22-32 — Individual Instruction in Woodwinds 2 Credits
MUS 2312-22-32 — Individual Instruction in Woodwinds
MUS 1411-21-31 — Individual Instruction in Strings 1 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
MUS 1512-22-32 — Individual Instruction in Organ
MUS 2512-22-32 — Individual Instruction in Organ
MUS 1711-21-31 — Individual Instruction in Piano
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 1 Credit
MUS 2911-21-31 — Individual Instruction in Voice
MUS 1912-22-32 — 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

Five survey courses are offered to provide the student with a brief exposure to various disciplines in the natural sciences. The courses are intended for the student who does not desire a three-quarter sequential science course. The survey courses are also designed to aid the student in determining the curriculum which he would like to pursue or to better prepare him for additional courses in the sciences.

The survey courses have no prerequisites, and may be taken individually or in any sequence. For fulfillment of natural science requirements, also see listings under Biology, Chemistry, and Physics.

NUCLEAR TECHNOLOGY

NUC 2110 — Radiation Biology
NUC 2120 — Radiation Protection
NUC 2310 — Reactor Analysis and Design
NUC 2510 — Nuclear Laboratory
NUC 2710 — Radioisotopes
OPERATING ENGINEERING TECHNOLOGY
OET 1010 — General Introduction to Operating Engineering and History
of the Labor Movement
OET 1020 — Introduction to General Construction Power Sources
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; as 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 & Undercarriages
OET 1040 — Introduction to Basic Electricity, Hydraulics, & Pneumatics 3 Credits To provide the trainee with a basic knowledge of electricity and the knowledge to perform checks and preventive maintenance on electrical motors and basic circuits. Also provides a general knowledge of the principles of hydraulics to include definitions, advantages, relationship of pressure and force, and its ever- yday applications.
OET 1110 — Apprenticeship Field Experiences I
OET 1120 — Apprenticeship Field Experiences II
OET 1130 — Apprenticeship Field Experiences III
a journeyman or higher, employed by the contractor, a member of the joint committee, IUOE, and a college representative.
OET 1210 — Introduction to Fuels, Oil, and Lubricants

OET 1220 — General Introduction to Welding, Rigging, Soils and
Compaction
OET 1230 — The Function of Grades and Grade Stakes
OET 1240 — Introduction to Construction Equipment
OET 2010 — Earth-moving Equipment
OET 2020 — Grades and Plans for Operating Engineers
OET 2030 — Mining and Tunneling Equipment
OET 2110 — Electrical Systems and Electronics
OET 2120 — Material Processing and Application
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
OET 2240 — Crushing, Screening, and Washing Plants

OET 2310 — Tools, Parts, and Housekeeping
OET 2320 — Concrete Plants
OET 2330 — Material Hoisting and Handling Equipment
OET 2410 — Repair of Hydraulic Systems and Pneumatic Equipment 4 Credits To provide the trainee detailed information on the repair of hydraulic systems and pneumatic equipment used on heavy duty construction equipment and support equipment.
OET 2420 — Heavy Duty Component Repair
OET 2540 — Apprenticeship Field Experiences IV
OET 2550 — Apprenticeship Field Experiences V
PHILOSOPHY
PHL 1010 — Introduction to Philosophy
PHL 1110 — Elementary Logic
PHL 1210 — Elementary Ethics
PHL 1310 — Symbolic Logic
PHL 2010 — Religions and Culture: Religions in History
PHL 2020 — Religion and Culture: Contemporary Issues

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 — Men and Women (Separate Classes)...1 Credit This course is designed for those interested in improving or maintaining physi-PED 1020 — Snow Skiing I 1 Credit A working knowledge of ski equipment, safety procedures, as well as the fundamentals of walking, turning and climbing. A special fee as designated in class schedule will be charged for this course. PED 1110 — Archery...... 1 Credit Introduces the student to archery through a brief study of its history with emphasis on the fundamentals of shooting the bow. Instruction and practice in the fundamentals of badminton. PED 1310 — Basketball 1 Credit Practice of fundamentals as well as the various types of play. PED 1320 — Advanced Basketball 1 Credit A continuation of PED 1310. Emphasis on skill, strategy, and competition. (Prerequisite: PED 1310 or consent of instructor.) PED 1410 — Bowling 1 Credit Presents the proper selection of equipment, correct method of approach and release of the bowling ball, and scoring. A fee of not more than \$10.00 per quarter may be charged for this activity. PED 1420 — Intermediate Bowling...... 1 Credit Continuation of skills acquired in Beginning Bowling. More emphasis is placed on individual techniques and self-improvement. (Prerequisite: Bowling 1410 or consent of instructor.) A fee of not more than \$10.00 per quarter may be charged for this activity. PED 1510 — Folk Dance...... 1 Credit Instruction in dances from various countries, including square dances. PED 1610 — Beginning Golf1 Credit To acquaint the beginning player with correct swing, selection, and use of the various clubs and basic fundamentals. skills & strategies. (Prerequisite: PED 1610 or consent of instructor.) Instruction and practice in the fundamental skills of soccer. Basic movement and dance techniques; emphasis on communicative skills, creativity, and improvisation. PED 1910 — Beginning Weight Training1 Credit An introduction to the proper techniques and practices of weight training. PED 1920 — Intermediate Weight Training....... 1 Credit A continuation of PED 1910. Students will also develop and implement a personalized weight training program for their individual use. (Prerequisite: PED 19 10 or consent of instructor.) PED 2210 — Softball......1 Credit Instruction and practice in the fundamentals of catching, batting, and backing

up other positions. Rules and strategies will also be studied.

PED 2310 — Swinuning
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 — Physical Education in the Elementary Schools
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.
PHY 2010 — General Physics I
PHY 2020 — General Physics II
PHY 2030 — General Physics III
PHY 2110 — Physics I
PHY 2120 — Physics II
PHY 2130 — Physics III
3 hours lecture — 3 hours laboratory

PC	OLICE SCIENCE AND CRIMINOLOGY EDUCATION
F	1010 — Introduction to Law Enforcement
s n	1110 — Police Science I
A	1120 — Police Science II
r	2010 — Police Administration and Organization
A C	2130 — Police Science III
A li	2140 — Police Science IV

and narcotic preparations, and crime scene searches.

laboratory periods, will emphasize the proper handling and examination of evidence, fingerprinting, photography, glass fractures, casts and molds, narcotics

POLITICAL SCIENCE

POL 1010 — Fundamentals of American Government
An introduction to the setting and foundations of American politics with
emphasis on citizen attitudes and values, national and state constitutions, polit-
ical parties, interest groups, public opinion, and voting.

PSYCHOLOGY

FSTCHOLOGI
PSY 1010 — General Psychology I
PSY 1020 — General Psychology II
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 — Applied Psychology
PSY 2450 — Human Development Seminar
PSY 2510 — Social Psychology

A study of the application of psychological principles to business and other areas involving management. Representative topics to be covered will include supervision, communications, human relation skills, scientific and humanistic management, and group dynamics. READING REA 1010 — Foundation for College Reading I 3 Credits This course is designed to assist the student in developing reading skills that are necessary for college success. The materials surveyed will be in the humanities, the social sciences, science, and mathematics. Study skills are presented in accordance with each student's needs, as determined through prefesting and individual conferences. 4 hours per week — lecture and laboratory Continuation of Reading 1010. (3 hours per week.) 4 hours per week — lecture and laboratory REA 1030 — College Reading...... 3 Credits This course is designed to aid the student who has done average work in college courses to extend comprehension, vocabulary, study methods, and ratebuilding skills. Each student's reading efficiency is diagnosed and a program is designed to fit his individual needs. The reading requirements are correlated with needs experienced by the student in other classes. 4 hours per week — lecture and laboratory This course is designed to improve the reading efficiency of the above average student. Though initial attention is given to reading speed, extension of vocabulary, comprehension and study skills are encouraged. (3 hours per week.) RECREATION Introduces the basic fundamentals of the nature, scope, and significance of organized recreation services. It includes study of factors involved in the operation of basic recreation units, major program areas, organizational patterns, and the inter-relationship of special agencies and institutions which serve the recreation needs of society. Introduces methods and materials for planning, organizing, and conducting social activities for groups of various sizes and ages in a variety of social situations. Emphasis is on the mechanics of planning and presenting a repertoire of activities for social recreation events. Major activities will be discussed, played, and/or demonstrated. Includes study of the history, development, and trends of outdoor recreation, conservation, and organized camping. Emphasis is on laboratory work, field trips, and the development of outdoor skills. Offers a survey of the basic terminology, skills, and rules of selected team sports and their use in recreation. Emphasis is upon knowledge and understanding of the organization, administration, and promotion of sports rather than mastery of performance skills. REC 1310 — Arts and Crafts 3 Credits

Demonstrates the methods and materials used in arts and crafts projects for a variety of recreational settings: school, camp, playground, recreation center,

and club. Emphasis is on constructing, administering, promoting, and teaching crafts.

SECRETARIAL SCIENCE

5 hours per week — lecture and laboratory

SSC 1020 — Typing II
SSC 1030 — Typing III
SSC 1110 — Shorthand I
SSC 1120 — Shorthand II
SSC 1130 — Shorthand III
SSC 1210 — Machine Transcription
SSC 2010 — Typing IV
SSC 2110 — Shorthand IV
5 hours per week — lecture and laboratory
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
SOC 2120 — Introduction to Prehistory and Archaeology
SOC 2130 — Introduction to Criminology
SOC 2140 — Marriage and the Family
SPANISH
SPA 1010 — Beginning Spanish I
SPA 1020 — Beginning Spanish II
SPA 1030 — Beginning Spanish III
SPA 2010 — Intermediate Spanish I
SPA 2020 — Intermediate Spanish II

SPA 2030 — Intermediate Spanish III
SPEECH
SPE 1020 — Voice and Articulation
SPE 2410 — Basic Speech Communication
SPE 2430 — Interpersonal Communication
SPE 2440 — Business and Professional Speaking
SPE 2450 — Debate
SPE 2710 — Oral Interpretation
SPE 2720 — Fundamentals of Acting
SPE 2730 — Introduction to Theatre
SPE 2740 — Fundamentals of Theatrical Production

TECHNOLOGY



Councils and Committees

EXECUTIVE COUNCIL

President
Dean of Instruction
Dean of Student Personnel Services
Business Manager

COLLEGE COMMITTEES

Academic/Curriculum Council
Administrative Council
Admissions and Retentions Committee
Athletic Committee
Awards and Graduation Committee
Cafeteria Committee
Counseling Advisory Committee
Discipline Committee
Faculty Affairs Committee
Faculty Benefits Committee
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 last September through early June, with the fourth quarter as a summer session.
 - Classification A student's status in respect to progress toward the completion of his curriculum based upon the number of hours or courses to his credit at the time of his 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 college because he 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 (scholar-ships 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 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. The course section number designates the time the class meets, the location and the instructor for the course.
- 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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