

Programs of Study (Curricula-Credit)

Degrees, Diplomas & Certificates

Randolph Community College offers the Associate in Applied Science degree, the Associate in Arts degree, diplomas, and certificate programs.

■ Associate in Applied Science

Satisfactory completion of an approved program of no fewer than 64 semester credit hours is required.

■ Associate in Arts

Satisfactory completion of no fewer than 64 semester credit hours in liberal education and elective courses is required.

■ Diplomas & Certificates

Randolph Community College awards diplomas and certificates for a wide variety of educational programs. Diplomas are issued for completion of an approved program of no fewer than 36 semester credit hours. Certificates are issued for the completion of approved programs of no fewer than 12 semester credit hours, but less than 19.

Requirements for Degrees, Diplomas & Certificates

1. A minimum cumulative grade point average (GPA) of 2.0 and a 2.0 GPA in major courses are required. Students must have at least twice as many quality points as credit hours attempted in order to graduate.
2. All general and specific requirements of the College must be met, including fulfillment of all financial obligations.

Substitution courses taken by students for completion of their degree or diploma must be approved by the dean of Student Services. The occurrence of substitutions will be very limited and must be of special nature. Requests for course substitutions are to be made through academic advisors.

Curricula

Degrees, diplomas, and/or certificates are offered in the following areas of study by Randolph Community College. Programs are described on pages 57–116 in the order listed below. Required courses for each program are listed by semester. Each course is coded as follows to indicate the category for program completion per community college guidelines: **c=core course**, **g=general education course**, **om=other major course**, **co=concentration course**, **or=other required course**. Individuals interested in any of the following curriculum programs should contact the admissions office in Student Services for an application and more information.

The Associate in Arts (College Transfer) program provides opportunities for students to complete course work that will transfer to four-year colleges and universities as baccalaureate credit. RCC complies with the 1997 Comprehensive Articulation Agreement between the North Carolina Community College System and the University of North Carolina System which guarantees transfer credit for students who complete degree requirements. This degree is designed to prepare students to continue their education as juniors in their field of study.

Developmental Studies

English
Math
Reading
Science

Associate Degrees, Diplomas & Certificates

■ General Education Department

Associate in Arts (College Transfer) – Associate Degree (day & evening)

Biotechnology (collaborative program*) – Associate Degree (day & evening)

Pre-Major in Business Administration – Associate Degree (day & evening)

■ Business Technology Department

Accounting – Associate Degree (day & evening)

Business Administration – Associate Degree (day & evening)

Global Logistics (collaborative program*) – Associate Degree (day & evening)

Information Systems – Associate Degree (day & evening)

Information Systems: Network Administration & Support Concentration – Associate Degree & Certificate (day & evening)

Office Systems Technology – Associate Degree & Certificate (day & evening)

■ Health Occupations Department

Associate Degree Nursing – Associate Degree (day)

General Occupational Technology – Diploma (day)

Nursing Assistant (for Huskins students only) – Certificate (day)

Physical Therapist Assistant (collaborative program*) – Associate Degree (day)

Radiography – Associate Degree (day)

■ Human Services Department

Basic Law Enforcement Training – Certificate (day & evening)

Criminal Justice Technology – Associate Degree (day & evening)

Early Childhood Associate – Associate Degree & Diploma (day & evening); Early Childhood Certificate (day & evening); Early Childhood Administrative Certificate (day & evening)

Early Childhood Associate – Teacher Associate (evening)

■ Mechanical & Industrial Department

Autobody Repair – Diploma (day); Certificate (evening)

Automotive Systems Technology – Associate Degree & Diploma (day)

Electric Lineman Technology (collaborative program*) for employees of electric membership companies only – Associate Degree (day & evening)

Electrical/Electronics Technology – Associate Degree, Diploma & Certificate (day & evening)

Industrial Systems Technology – Associate Degree, Diploma & Certificate (day & evening)

Machining Technology – Associate Degree & Diploma (day); Certificate (day & evening)

Welding Technology – Certificate (evening)

■ Photographic Technology, Art, and Design Department

Advertising & Graphic Design – Associate Degree (day)

Interior Design – Associate Degree (day); Computer-Aided Drafting Certificate (evening)

Photographic Technology: Biomedical Photography Concentration – Associate Degree (day)

Photographic Technology: Commercial Photography Concentration – Associate Degree (day)

Photographic Technology: Photojournalism Concentration – Associate Degree (day)

Photographic Technology: Portrait Studio Management Concentration – Associate Degree (day)

**These programs are offered in conjunction with another community college.*

Developmental Studies

Randolph Community College offers a highly successful and innovative program to improve students' academic skills. Through the Developmental Studies Department and the Special Services Project, RCC offers students classroom and one-on-one instruction in reading comprehension, math, writing, and science.

Developmental Studies courses exist as prerequisites to General Education courses. Please see the section "General Admissions Requirements for Curriculum Programs" on pages 13 – 14 for information concerning placement testing. Students who do not remove prerequisites through test scores or prior credit must take the appropriate math, reading, or English courses in Developmental Studies prior to enrolling in certain General Education courses. Developmental Studies classes are offered day and evening to accommodate every student who needs them. Grades earned in Developmental Studies are not included in the student's grade point average, and credit hours earned do not count toward graduation.

The purpose of Special Services is to increase the retention and graduation of disadvantaged students. By the terms of the federal grant which supports Special Services, disadvantaged students are defined as those who are first-generation college students, those who have academic need, those who have financial need, or those who have disabilities that substantially impair their ability to perform academically. The mission of Special Services is to compensate for disadvantages by providing academic services and personal support to qualified students.

The missions of Developmental Studies and Special Services are to provide rigorous academic challenges and adequate personal support to ensure the academic success of the students at Randolph Community College.

DEVELOPMENTAL STUDIES

Courses Offered*

		<u>Hours/Week</u>		<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Credit</u>
ENG 085	Reading & Writing Foundations	5	0	5
ENG 090	Composition Strategies	3	0	3
MAT 060	Essential Mathematics	3	2	4
MAT 070	Introductory Algebra	3	2	4
MAT 080	Intermediate Algebra	3	2	4
RED 090	Improved College Reading	3	2	4
SCI 095	Developmental Science	3	4	5

*In each of the courses listed, a student must have a passing average in the course and a passing score on an exit test to receive course credit.

Course descriptions are on pages 121 – 168.

General Education Department

■ Associate in Arts (College Transfer)

[A10100] Degree (Day & Evening)

The Associate in Arts (College Transfer) program is designed for students who wish to attend RCC for their freshman and sophomore years of college and who plan to complete a baccalaureate degree at a four-year college or university. Students who complete the program, with 64-65 total semester hours credit, will receive an Associate in Arts degree and will be able to transfer to constituent institutions of the University of North Carolina with junior status if grades in all courses are “C” or better. (To be considered for junior status at one of the UNC institutions, community college transfer students must meet the same requirements set for native students in that university with respect to such things as grade point average and credit hours accumulated.)

The Associate in Arts degree also includes a 44 hour general education core with courses in English composition, humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. The general education core transfer component is portable and transferable as a block across the North Carolina Community College System and from that system to UNC institutions, whether or not the transferring student has earned the associate degree. (To be eligible for inclusion in this policy, a student must have an overall grade point average of 2.0 on a 4.0 scale at the time of transfer and a grade of “C” or better in all general education core courses.) The transcripts of students who transfer before completing the general education core will be evaluated on a course-by-course basis by the receiving institution.

Students planning to transfer to a private college or university should consult personnel at that institution for information concerning transferability of courses.

Students should consult their academic advisor for help with course selection. Students must pass placement tests to qualify for certain Associate in Arts (College Transfer) courses. Developmental Studies courses are available for those who need them.

ASSOCIATE IN ARTS (COLLEGE TRANSFER) – DAY & EVENING

Courses Offered - Degree

	<u>Hours/Week</u>		<u>Sem. Hrs.</u>
	<u>Class</u>	<u>Lab</u>	<u>Credit</u>
General Education Core (44 Semester Hours Credit)*			
English Composition (6 Semester Hours Credit)			
ENG 111 Expository Writing (<i>required</i>)	3	0	3
<i>Select one course from the following:</i>			
ENG 112 Argument-Based Research	3	0	3
ENG 113 Literature-Based Research	3	0	3
ENG 114 Professional Research & Reporting	3	0	3
*Students must meet the receiving university’s foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.			
Humanities/Fine Arts (12 Semester Hours Credit)*			
<i>Select four courses with at least three different prefixes from those listed below. At least one course must be a literature course (ENG prefix).</i>			
ART 111 Art Appreciation	3	0	3
ART 114 Art History Survey I	3	0	3
ART 115 Art History Survey II	3	0	3
ASL 111 Elementary American Sign Language I	3	0	3
ASL 112 Elementary American Sign Language II	3	0	3
ASL 211 Intermediate Sign Language I	3	0	3
ASL 212 Intermediate American Sign Language II	3	0	3
DAN 110 Dance Appreciation	3	0	3
DRA 111 Theatre Appreciation	3	0	3
DRA 112 Literature of Theatre	3	0	3
ENG 131 Introduction to Literature	3	0	3
ENG 231 American Literature I	3	0	3
ENG 232 American Literature II	3	0	3
ENG 233 Major American Writers	3	0	3
ENG 241 British Literature I	3	0	3

ENG 242	British Literature II	3	0	3
ENG 243	Major British Writers	3	0	3
ENG 251	Western World Literature I	3	0	3
ENG 252	Western World Literature II	3	0	3
FRE 111	Elementary French I	3	0	3
FRE 112	Elementary French II	3	0	3
FRE 211	Intermediate French I	3	0	3
FRE 212	Intermediate French II	3	0	3
HUM 110	Technology & Society	3	0	3
HUM 120	Cultural Studies	3	0	3
HUM 121	The Nature of America	3	0	3
HUM 122	Southern Culture	3	0	3
HUM 130	Myth in Human Culture	3	0	3
HUM 150	American Women's Studies	3	0	3
HUM 160	Introduction to Film	2	2	3
HUM 220	Human Values & Meaning	3	0	3
MUS 110	Music Appreciation	3	0	3
MUS 112	Introduction to Jazz	3	0	3
MUS 114	Non-Western Music	3	0	3
PHI 210	History of Philosophy	3	0	3
PHI 215	Philosophical Issues	3	0	3
PHI 240	Introduction to Ethics	3	0	3
REL 110	World Religions	3	0	3
REL 211	Introduction to Old Testament	3	0	3
REL 212	Introduction to New Testament	3	0	3
REL 221	Religion in America	3	0	3
SPA 111	Elementary Spanish I	3	0	3
SPA 112	Elementary Spanish II	3	0	3
SPA 211	Intermediate Spanish I	3	0	3
SPA 212	Intermediate Spanish II	3	0	3

*Three semester hours credit in speech/communication may be substituted for three semester hours credit in Humanities/Fine Arts. Speech/communication may not substitute for the literature requirement.

Social/Behavioral Sciences (12 Semester Hours Credit)

Select four courses with at least three different prefixes from those listed below. At least one course must be a history course (HIS prefix).

ANT 210	General Anthropology	3	0	3
ANT 220	Cultural Anthropology	3	0	3
ANT 221	Comparative Cultures	3	0	3
ANT 240	Archaeology	3	0	3
ECO 151	Survey of Economics	3	0	3
ECO 251	Principles of Microeconomics	3	0	3
ECO 252	Principles of Macroeconomics	3	0	3
HIS 121	Western Civilization I	3	0	3
HIS 122	Western Civilization II	3	0	3
HIS 131	American History I	3	0	3
HIS 132	American History II	3	0	3
POL 110	Introduction to Political Science	3	0	3
POL 120	American Government	3	0	3
POL 210	Comparative Government	3	0	3
POL 220	International Relations	3	0	3
PSY 150	General Psychology	3	0	3
PSY 237	Social Psychology	3	0	3
PSY 241	Developmental Psychology	3	0	3
PSY 281	Abnormal Psychology	3	0	3
SOC 210	Introduction to Sociology	3	0	3
SOC 213	Sociology of the Family	3	0	3
SOC 220	Social Problems	3	0	3

Natural Sciences/Mathematics (14 Semester Hours Credit)

Natural Sciences (8 Semester Hours Credit)

BIO 111	General Biology I	3	3	4
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BIO 112	General Biology II	3	3	4
BIO 120	Introductory Botany	3	3	4
BIO 140	Environmental Biology	3	0	3
BIO 140A	Environmental Biology Lab	0	3	1
CHM 131	Introduction to Chemistry	3	0	3
CHM 131A	Introduction to Chemistry Lab	0	3	1
CHM 132	Organic & Biochemistry	3	3	4
GEL 111	Introductory Geology	3	2	4
GEL 120	Physical Geology	3	2	4
GEL 230	Environmental Geology	3	2	4
<i>Mathematics (6 Semester Hours Credit)</i>				
<i>Select one course from the following:</i>				
MAT 140	Survey of Mathematics	3	0	3
MAT 161	College Algebra	3	0	3
MAT 171	Precalculus Algebra	3	0	3
<i>Select one additional course from the MAT courses above or from the following:</i>				
CIS 110	Introduction to Computers	2	2	3
CIS 115	Introduction to Programming & Logic	2	2	3
MAT 151	Statistics I	3	0	3
MAT 172	Precalculus Trigonometry	3	0	3
MAT 263	Brief Calculus	3	0	3
MAT 271	Calculus I	3	2	4

Other Required Courses to earn Associate in Arts Degree (20-21 Semester Hours Credit)*

Select additional courses from those listed below or on pages 57-59.

ACA 115	Success & Study Skills	2	0	1
ACC 120	Principles of Accounting I	3	2	4
ACC 121	Principles of Accounting II	3	2	4
BUS 110	Introduction to Business	3	0	3
BUS 115	Business Law I	3	0	3
COM 110	Introduction to Communication	3	0	3
COM 231	Public Speaking	3	0	3
HEA 110	Personal Health/Wellness	3	0	3
HIS 251	English History I	3	0	3
HIS 252	English History II	3	0	3
PED 110	Fit & Well for Life	1	2	2
PED 113	Aerobics I	0	3	1
PED 114	Aerobics II	0	3	1
PED 115	Step Aerobics I	0	3	1
PED 116	Step Aerobics II	0	3	1
PED 120	Walking for Fitness	0	3	1
PED 121	Walk, Jog, Run	0	3	1
PED 122	Yoga I	0	2	1
PED 123	Yoga II	0	2	1
PED 125	Self-Defense-Beginning	0	2	1
PED 137	Badminton	0	2	1
PED 142	Lifetime Sports	0	2	1
PED 143	Volleyball-Beginning	0	2	1
PED 171	Nature Hiking	0	2	1
PED 183	Folk Dancing	0	2	1
PED 184	Square Dancing I	0	2	1
PED 185	Square Dancing II	0	2	1
PED 186	Dancing for Fitness	0	2	1
PED 187	Social Dancing-Beginning	0	2	1
PED 189	Clogging	0	2	1
POL 130	State and Local Government	3	0	3
PSY 263	Educational Psychology	3	0	3

*Students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.

TOTAL SEMESTER HOURS CREDIT: 64-65

■ Associate in Arts Pre-Major Business Administration

[A1010B] Degree (Day & Evening)

This program is designed for students who intend to pursue a Bachelor of Arts or Bachelor of Science degree in Accounting, Business Administration, or Information Systems & Operations Management. Students who complete this program will meet freshman and sophomore requirements at most public and private four-year institutions that offer degrees in Business Administration. Individual institutions may have additional requirements for admission into the major department and graduates should expect to have a grade point average of 2.5 or higher to meet admission requirements.

This program is not designed to provide entry-level job skills in business occupations. Students interested in obtaining immediate employment upon graduation should pursue one of the A.A.S. degree programs in the Business Technology department of the college. Several colleges and universities provide for limited transferability of A.A.S. degrees in Accounting and Business Administration.

Admission application deadlines vary; students must meet the deadline for the university to which they plan to transfer. Upon successful completion of the Associate in Arts degree, students who meet the requirements outlined in this pre-major articulation agreement for Business Administration will be eligible to be considered for admission as juniors to the universities offering the baccalaureate degree: ASU, ECU, ECSU, FSU, NCA&T, NCCU, NCSU, UNC-A, UNC-CH, UNC-G, UNC-P, UNC-W, WCU, WSSU.

Grade point average requirement may vary and admission is competitive across the several programs in Business Administration.

PRE-MAJOR BUSINESS ADMINISTRATION – DAY & EVENING

Curriculum By Semesters - Degree

Credit Programs

		<u>Hours/Week</u>			<u>Sem. Hrs. Credit</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
MAT 171	Precalculus Algebra	3	0	0	3
MAT 263	Brief Calculus	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
COM 110	Intro to Communications	3	0	0	3
COM 231	Public Speaking	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Introduction to Old Testament	3	0	0	3
REL 212	Introduction to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3
SPA 211	Intermediate Spanish I	3	0	0	3
SPA 212	Intermediate Spanish II	3	0	0	3
Natural Sciences (8 Semester Hours Credit- select two)					
BIO 111	General Biology I	3	0	0	3
BIO 112	General Biology II	3	0	0	3
CHM 131	Introduction to Chemistry	3	0	0	3
CHM 131A	Introduction to Chemistry Lab	0	3	0	1
CHM 132	Organic and Biochemistry	3	3	0	4

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
SOC 210	General Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Literature (3 Semester Hours Credit - select one)

ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3

History (3 Semester Hours Credit - select one)

HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3

English Composition (3 Semester Hours Credit - select one)

ENG 112	Argument Based Research	3	0	0	3
ENG 113	Literature Based Research	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3

Major Courses (required)

ACC 120	Principles of Financial Accounting	3	2	0	4
ACC 121	Principles of Accounting II	3	2	0	4
CIS 110	Introduction to Computers	2	2	0	3
ECO 251	Principles of Macroeconomics	3	0	0	3
ECO 252	Principles of Macroeconomics	3	0	0	3
MAT 151	Statistics I	3	0	0	3

TOTAL SEMESTER HOURS CREDIT: 64

■ Biotechnology (Collaborative Program)

[A30100] Associate in Applied Science Degree (Day)

The Biotechnology curriculum, which has emerged from molecular biology and chemical engineering, is designed to meet the increasing demands for skilled laboratory technicians in various fields of biological and chemical technology. Course work emphasizes biology, chemistry, mathematics and technical communications. The curriculum objectives are designed to prepare graduates to serve in three distinct capacities: research assistant to a biologist or chemist, laboratory technician/instrumentation technician, and quality control/quality assurance technician. Graduates of the associate degree program may find employment in various areas of industry and government including research and development to manufacturing, sales, and customer service.

This program is a collaborative effort between Randolph Community College (RCC) and Alamance Community College (ACC). Alamance Community College is the “host” college. This agreement allows for students to fulfill the requirements of the first year at RCC. Students will then transfer to ACC for all second year courses and completion of the program.

BIOTECHNOLOGY – DAY

Curriculum By Semesters - Degree

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 151	Statistics I	3	0	0	3
Major Courses (required)					
BIO 111	General Biology 1	3	3	0	4
BIO 112	General Biology 11	3	3	0	4
BTC 181	Basic Lab Techniques	3	3	0	4
CHM 131	Intro to Chemistry	3	0	0	3
CHM 131A	Intro to Chem Lab	0	3	0	1
CHM 132	Organic/Biochem	3	3	0	4
CIS 110	Intro to Computers	2	2	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 151	Statistics I	3	0	0	3

The courses offered at Alamance Community College to fulfill the requirements of the collaborative program are:

General Education Courses (required)

ENG 114	Prof. Research & Reporting	3	0	0	3
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Humanities/Fine Arts (3 Semester Hours Credit)

Social/Behavioral Sciences (3 Semester Hours Credit)

Major Courses (required)

BIO 250	Genetics	3	3	0	4
BIO 275	Microbiology	3	3	0	4
BTC 281	Bioprocess Technique	2	6	0	4
BTC 285	Cell Culture	2	3	0	3
BTC 286	Immunological Techniques	3	3	0	4
COE 112	Co-Op Work Experience I	0	0	20	2
PHY 121	Applied Physics I	3	2	0	4

* COE 112 may be substituted by BTC 288

TOTAL SEMESTER HOURS CREDIT: 66



“This project received support from The Golden LEAF Foundation.”

Business Technology Department

■ Accounting

[A25100] Associate in Applied Science Degree (Day & Evening)

The Accounting curriculum is designed to provide students with knowledge and skills necessary for employment and growth in the accounting profession. Using the “language of business,” accountants assemble and analyze, process, and communicate essential information about financial operations.

In addition to course work in accounting principles, theories, and practice, students will study business law, finance, management, and economics. Related skills are developed through the study of communications, computer applications, financial analysis, critical thinking skills, and ethics.

Graduates should qualify for entry-level accounting positions in many types of organizations including accounting firms, small businesses, manufacturing firms, banks, hospitals, school systems, and governmental agencies. With work experience and additional education, an individual may advance in the accounting profession.

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit- select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3

REL 110	World Religions	3	0	0	3
REL 211	Introduction to Old Testament	3	0	0	3
REL 212	Introduction to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

ACC 120	Principles of Financial Accounting	3	2	0	4
ACC 121	Principles of Accounting II	3	2	0	4
ACC 131	Federal Income Taxes	2	2	0	3
ACC 140	Payroll Accounting	1	2	0	2
ACC 220	Intermediate Accounting I	3	2	0	4
ACC 221	Intermediate Accounting II	3	2	0	4
ACC 225	Cost Accounting	3	0	0	3
ACC 240	Government & Not for Profit Accounting	3	0	0	3
BUS 115	Business Law I	3	0	0	3
BUS 137	Principles of Management	3	0	0	3
BUS 225	Business Finance	2	2	0	3
BUS 255	Organizational Behavior in Business	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
CIS 120	Spreadsheet I	2	2	0	3
CIS 152	Database Concepts & Applications	2	2	0	3
ECO 252	Principles of Macroeconomics	3	0	0	3
INT 110	International Business	3	0	0	3
OST 131	Keyboarding	1	2	0	2
OST 136	Word Processing	1	2	0	2

■ Business Administration

[A25120] Associate in Applied Science Degree (Day & Evening)

The Business Administration curriculum is designed to introduce students to the various aspects of the free enterprise system. Students will be provided with a fundamental knowledge of business functions, processes, and an understanding of business organizations in today's global economy.

Course work includes business concepts such as accounting, business law, economics, management, and marketing. Skills related to the application of these concepts are developed through the study of computer applications, communication, team building, and decision making.

Through these skills, students will have a sound business education base for lifelong learning.

Graduates are prepared for employment opportunities in government agencies, financial institutions, and large to small business or industry.

BUSINESS ADMINISTRATION – DAY

Curriculum By Semesters - Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3

MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Introduction to Old Testament	3	0	0	3
REL 212	Introduction to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

ACC 120	Principles of Financial Accounting	3	2	0	4
ACC 121	Principles of Accounting II	3	2	0	4
ACC 131	Federal Income Taxes	2	2	0	3
BUS 110	Introduction to Business	3	0	0	3
BUS 115	Business Law I	3	0	0	3
BUS 116	Business Law II	3	0	0	3
BUS 137	Principles of Management	3	0	0	3
BUS 225	Business Finance	2	2	0	3
BUS 239	Business Applications Seminar	3	0	0	3
BUS 255	Organizational Behavior in Business	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
CIS 120	Spreadsheet I	2	2	0	3
ECO 252	Principles of Macroeconomics	3	0	0	3
INT 110	International Business	3	0	0	3
MKT 120	Principles of Marketing	3	0	0	3
MKT 123	Fundamentals of Selling	3	0	0	3
OST 131	Keyboarding	1	2	0	2
OST 136	Word Processing	1	2	0	2

Total credit hours required for degree: 64.

■ Global Logistics

[A25170] Associate in Applied Science Degree (Day & Evening)

The Global Logistics Technology curriculum prepares individuals for a multitude of career opportunities in distribution, transportation, and manufacturing organizations. Classroom instruction, field of study experiences, and practical laboratory applications of logistics management and global technology capabilities are included in the program of study.

Course work includes computer applications, accounting, business law, economics, management, industrial sciences, and international studies. Students will solve different levels of logistics-related problems through case study evaluations and supply chain projects utilizing logistical hardware and intelligent software tools. Graduates should qualify for positions in a wide range of government agencies, manufacturing, and service organizations. Employment opportunities include entry-level purchasing, material management, warehousing, inventory, transportation coordinators, and logistics analysts.

Upon completion, graduates may be eligible for certification credentials through the Educational Society for Resource Management (APICS) and the American Society of Transportation and Logistics (AST&L).

This program is a collaborative effort between Randolph Community College (RCC) and Lenoir Community College (LCC). Lenoir College is the "host" college. All courses will be taken at RCC with the exception of LOG, INT 230, ECM 168, and ACA 111. These courses will be taken through LCC either on the LCC Campus or via distance education.

GLOBAL LOGISTICS – DAY

Curriculum By Semesters - Degree

		<u>Hours/Week</u> Sem. Hrs.			
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing (<i>required</i>)	3	0	0	3
ENG 112	Argument-Based Research	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
GER111	Elementary German I	3	0	0	3
GER 112	Elementary German II	3	0	0	3
GER 211	Intermediate German I	3	0	0	3
GER 212	Intermediate German II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Introduction to Old Testament	3	0	0	3
REL 212	Introduction to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3

SPA 112	Elementary Spanish II	3	0	0	3
SPA 211	Intermediate Spanish I	3	0	0	3
SPA 212	Intermediate Spanish II	3	0	0	3
MAT 121	Algebra/Trigonometry	2	2	0	3
Major Courses (required)					
ACC 120	*Prin. of Financial Acc.	3	2	0	4
BUS 115	Business Law I	3	0	0	3
BUS 137	*Princ. of Management	3	0	0	3
CIS 110	*Intro to Computers	2	2	0	3
CIS 111	*Basic PC Literacy	1	2	0	2
CIS 152	*Database Concepts & App	2	2	0	3
INT 110	International Business	3	0	0	3

The courses offered at Lenior Community College to fulfill the requirements of the collaborative program are:

ECO 251	Prin. Of Microeconomics	3	0	0	3
LOG 110	*Intro to Logistics	3	0	0	3
ENG 111	Expository Writing	3	0	0	3
LOG 125	*Transportation Logistics	3	0	0	3
ECM 168	Electronic Business	3	2	0	3
INT 230	*International Law	3	0	0	3
LOG 215	*Supply Chain Mngt.	3	0	0	3
LOG 235	*Traffic Management	3	0	0	3
BUS 225	*Business Finance	2	2	0	3
ECM 210	Intro to E Commerce	3	0	0	3
LOG 240	*Purchasing Logistics	3	0	0	3
LOG 250	*Adv Global Logistics	3	2	0	4
MKT120	*Principle of Marketing	3	0	0	3
ACC 120	*Prin. of Financial Acc.	3	2	0	4
LOG 215	*Supply Chain Mngt.	3	0	0	3
LOG 235	*Traffic Management	3	0	0	3
BUS 225	*Business Finance	2	2	0	3
INT 110	International Business	3	0	0	3
LOG 240	*Purchasing Logistics	3	0	0	3
LOG 250	*Adv Global Logistics	3	2	0	4
BUS 153	Human Resource Mgmt	3	0	0	3
MKT 120	*Principle of Marketing	3	0	0	3
ECO 251	Prin. Of Microeconomics	3	0	0	3
ECM 210	Intro to E Commerce	3	0	0	3
INT 230	*International Law	3	0	0	3
BUS 137	*Princ. of Management	3	0	0	3
ECM 168	Electronic Business	3	2	0	3
MAT 121	*Algebra & Trigonometry	3	0	0	3
ACA 111	*College Student Success	1	0	0	1

*Courses required for Diploma

Total Semester Hours required for Diploma: 48

Total Semester Hours required for Degree: 69

■ Information Systems

[A25260] Associate in Applied Science Degree (Day & Evening)

The Information Systems curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage and communicate information. This is a flexible program, designed to meet community information systems needs.

Course work includes computer systems terminology and operations, logic, operating systems, database, data communications/networking, and related business topics. Studies will provide experience for students to implement, support, and customize industry-standard information systems.

Graduates should qualify for a wide variety of computer-related, entry-level positions that provide opportunities for advancement with increasing experience and ongoing training. Duties may include systems maintenance and troubleshooting, support and training, and business applications design and implementation.

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3

REL 211	Introduction to Old Testament	3	0	0	3
REL 212	Introduction to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

ACC 120	Prin of Financial Acct	3	2	0	4
CIS 110	Introduction to Computers	2	2	0	3
CIS 115	Intro to Prog & Logic	2	2	0	3
CIS 120	Spreadsheet I	2	2	0	3
CIS 126	Graphics Software Intro	2	2	0	3
CIS 130	Survey of Operating Sys	2	3	0	3
CIS 152	Database Concepts & Apps	2	2	0	3
CIS 157	Database Programming I	2	2	0	3
CIS 215	Hardware Install/Maint	2	3	0	3
CIS 217	Computer Train & Support	2	2	0	3
CIS 286	Systems Analysis & Design	3	0	0	3
CIS 288	Systems Project	1	4	0	3
COE 111	Co-op Work Experience I	0	0	10	1
ITN 140	Web Development Tools	2	2	0	3
NET 110	Data Comm/Networking	2	2	0	3
NET 125	Routing and Switching I	1	4	0	3
NET 126	Routing and Switching II	1	4	0	3
NET 225	Adv. Router & Switching I	1	4	0	3
NET 226	Adv.Router & Switching II	1	4	0	3
OST 131	Keyboarding	1	2	0	2
OST 136	Word Processing	1	2	0	2

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 72 or 74

**■ Information Systems -
Network Administration & Support Concentration**

[A2526D] Associate in Applied Science Degree (Day & Evening);

[C2526D] Certificate (Day & Evening)

Network Administration & Support is a concentration under the curriculum title of Information Systems. This curriculum prepares students to install and support networks and develops strong analytical skills and extensive computer knowledge.

Course work includes extensive hands-on experience with networks. Classes cover media types, topologies, and protocols with installation and support of hardware and software; troubleshooting network and computer problems; and administrative responsibilities. Elective choices provide opportunity for specialization individualization.

Graduates should qualify for positions such as LAN/PC administrator, microcomputer support specialist, network control operator, communications technician/analyst, network/computer consultant, and information systems specialist. Graduates also are prepared to sit for certification exams which can result in industry recognized credentials.

Certificate achievers will experience a much-needed hands-on approach to learning networking concepts. After completing this course, students will be prepared to take the CISCO Certified Network Associate Exam.

INFORMATION SYSTEMS

NETWORK ADMINISTRATION & SUPPORT CONCENTRATION - DAY

Curriculum By Semesters - Certificate & Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
GEO 111	World Regional Geography	3	0	0	3
GEO 112	Cultural Geography	3	0	0	3
HIS 111	World Civilizations I	3	0	0	3
HIS 112	World Civilizations II	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

BUS 151	People Skills (om)	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
CIS 115	Intro to Prog & Logic	2	2	0	3
CIS 120	Spreadsheet I	2	2	0	3
CIS 126	Graphics Software Intro	2	2	0	3
CIS 130	Survey of Operating Sys	2	3	0	3
CIS 152	Database Concepts & Apps	2	2	0	3
CIS 174	Network System Manager I	2	2	0	3
CIS 175	Network Management I	2	2	0	3
CIS 215	Hardware Install/Maint	2	3	0	3
CIS 217	Computer Train & Support	2	2	0	3
CIS 274	Network System Manager II	2	2	0	3
CIS 275	Network Management II	2	2	0	3
CIS 286	Systems Analysis & Design	3	0	0	3
CIS 287	Network Systems	1	4	0	3
NET110	Data Comm/Networking	2	2	0	3
NET125	*Routing and Switching I	1	4	0	3
NET126	*Routing and Switching II	1	4	0	3
NET225	*Adv. Router & Switching I	1	4	0	3
NET226	*Adv.Router & Switching II	1	4	0	3
OST131	Keyboarding	1	2	0	2

*Courses required for certificate. (Prepares students to sit for CISCO certification exam.)

TOTAL SEMESTER HOURS CREDIT FOR CERTIFICATE: 12

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 75

■ Office Systems Technology

[A25360] Associate in Applied Science Degree (Day & Evening); [D25360] Diploma (Day & Evening); [C25360] Certificates (Day & Evening)

The Office Systems Technology curriculum prepares individuals for positions in administrative support careers. It equips office professionals to respond to the demands of a dynamic computerized workplace.

Students will complete courses designed to develop proficiency in the use of integrated software, oral and written communication, analysis and coordination of office duties and systems, and other support topics. Emphasis is placed on nontechnical as well as technical skills.

Graduates should qualify for employment in a variety of positions in business, government, and industry. Job classifications range from entry level to supervisor to middle management.

OFFICE SYSTEMS TECHNOLOGY - DAY

Curriculum By Semester - Diploma & Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	*Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

ACC 120	Prin of Financial Acct	3	2	0	4
BUS 151	*People Skills	3	0	0	3
CIS 110	*Introduction to Computers	2	2	0	3
CIS 120	*Spreadsheet I	2	2	0	3
CIS 126	*Graphics Software Intro	2	2	0	3
CIS 152	*Database Concepts & Apps	2	2	0	3
COE 111	Co-op Work Experience I	0	0	10	1
MKT 223	Customer Service	3	0	0	3
OMT 222	Project Management	3	0	0	3
OST 122	*Office Computation	1	2	0	2
OST131	*Keyboarding	1	2	0	2
OST 134	*Text Entry & Formatting	2	2	0	3
OST 136	*Word Processing	1	2	0	3
OST 164	*Text Editing Applications	3	0	0	3
OST 181	Intro to Office Systems	2	2	0	3
OST 184	*Records Management	1	2	0	2
OST 233	Office Publications Design	2	2	0	3
OST 236	Adv. Word/Information Processing	2	2	0	3
OST 289	Office Systems Management	2	2	0	3
SPA 110	Introduction to Spanish	2	0	0	2

*Courses required for diploma.

TOTAL SEMESTER HOURS CREDIT FOR DIPLOMA: 38

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 66 or 68

OFFICE SYSTEMS TECHNOLOGY – DAY & EVENING

Curriculum By Semesters - Basic Office Skills Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
Major Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
CIS 110	Introduction to Computers	2	2	0	3
OST 122	Office Computations	1	2	0	2
OST 131	Keyboarding	1	2	0	2
OST 134	Text Entry & Formatting	2	2	0	3
OST 136	Word Processing	1	2	0	2
OST 184	Records Management	1	2	0	2
OST 181	Introduction to Office Systems	2	2	0	3

TOTAL SEMESTER HOURS CREDIT FOR BASIC OFFICE SKILLS CERTIFICATE: 17

OFFICE SYSTEMS TECHNOLOGY – DAY & EVENING

Curriculum By Semesters - Computer Software Applications Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
Major Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
CIS 110	Introduction to Computers	2	2	0	3
OST 131	Keyboarding	1	2	0	2
CIS 120	Spreadsheet I	2	2	0	3
OST 134	Text Entry & Formatting	2	2	0	3
OST 136	Word Processing	1	2	0	2
CIS 152	Database Concepts & Applications	2	2	0	3

TOTAL SEMESTER HOURS CREDIT FOR COMPUTER SOFTWARE APPLICATIONS CERTIFICATE: 16

Health Occupations Department

■ Associate Degree Nursing

[A45100] Associate in Applied Science Degree (Day)

The Associate Degree Nursing (integrated) curriculum provides individuals with the knowledge and skills necessary to provide nursing care to clients and groups of clients throughout the life span in a variety of settings.

Courses will include content related to the nurse's role as provider of nursing care, as manager of care, as member of the discipline of nursing, and as a member of the interdisciplinary team.

Graduates of this program are eligible to apply to take the National Council Licensure Examination (NCLEX-RN) which is required for practice as a registered nurse. Employment opportunities may include hospitals, long term care facilities, clinics, physician's offices, industry, and community agencies.

Program graduates are awarded the Associate in Applied Science degree.

For admissions requirements specific to the Associate Degree Nursing program, see pages 15 – 18.

Randolph Community College's Associate Degree Nursing (ADN) program is fully approved by the North Carolina Board of Nursing. Address: P.O. Box 2129, Raleigh, N.C. 27602; phone: (919) 782-3211; web site: www.bon.com.

The ADN program also is accredited by the National League for Nursing Accrediting Commission (NLNAC). Address: 61 Broadway-33rd floor, New York, N.Y. 10006; phone: (800) 669-1656; web site: www.nlnac.org. The program is currently on warning status.

Further information regarding approval and accreditation status of the RCC ADN program can be obtained by contacting the departmental chair for health occupations at (336) 633-0315.

ASSOCIATE DEGREE NURSING – DAY

Curriculum By Semesters - Degree*

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
BIO 168	Anatomy & Physiology I	3	3	0	4
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3

PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Major Courses (required)

BIO 169	Anatomy & Physiology II	3	3	0	4
NUR 110	Nursing I	5	3	6	8
NUR 120	Nursing II	5	3	6	8
NUR 130	Nursing III	4	3	6	7
NUR 210	Nursing IV	5	3	12	10
NUR 220	Nursing V	4	3	15	10
PSY 110	Life Span Development	3	0	0	3
PSY 150	General Psychology	3	0	0	3

*Students must maintain a grade of “C” or better in all NUR courses and BIO 168, BIO 169, and PSY 110.

**The humanities/fine arts requirement may be met by selecting one course from the following preferred humanities/fine arts courses:

HUM 110	Technology & Society	PHI 215	Philosophical Issues
HUM 120	Cultural Studies	PHI 240	Introduction to Ethics
SPA 111	Elementary Spanish I		

***LPN’s entering through advanced placement will be required to take the following two courses during summer session:

NUR 187	Transition Practicum	0	0	6	2
NUR 189	Nursing Transition	1	3	0	2

(Note: Clinical rotations in NUR courses may be scheduled during weekdays, evenings, or weekends.)

TOTAL SEMESTER HOURS CREDIT: 72

The North Carolina Board of Nursing has the legal authority to deny licensure if the Board determines that the applicant: (1) has given false information or has withheld material information from the Board in procuring or attempting to procure a license to practice nursing; (2) has been convicted of or pleaded guilty or nolo contendere to any crime which indicates that the nurse is unfit or incompetent to practice nursing or that the nurse has deceived or defrauded the public; (3) has a mental or physical disability or uses any drug to a degree that interferes with his or her fitness to practice nursing; (4) engages in conduct that endangers the public health; (5) is unfit or incompetent to practice nursing by reason of deliberate or negligent acts of omissions regardless of whether actual injury to the patient is established; (6) engages in conduct that deceives, defrauds, or harms the public in the course of professional activities or services; (7) has willfully violated any provision of this Article; or (8) has willfully violated any rule enacted by the Board. (General Statutes Chapter 90 Article 9 Section 7 90-171.37)

■ General Occupational Technology

[D55280] Diploma (Day)

The General Occupational Technology curriculum provides individuals with an opportunity to upgrade their skills and to earn a diploma by taking courses suited for their occupational interests and/or needs. The curriculum content will be individualized for students according to their occupational interests and needs. A program of study for each student will be selected from associate degree level courses by the College. Graduates will become more effective workers, better qualified for advancement within their field of employment, and become qualified for a wide range or entry-level employment opportunities.

Students who are waiting admission into programs in the Health Occupations Department may enroll in the General Occupational Technology curriculum. The following lists show each program, courses available in GOT that are required for each program, and other courses that may be taken while enrolled in GOT.

Federal Financial Aid Guidelines for GOT Students

Students who are in the GOT program and awaiting admission into the Nursing or Radiography program should note the following information regarding federal financial aid:

150% RULE – you must complete program of study within 150% of required credits

Example: If a program is 48 credit hours, you must complete program within 72 credit hours.

To avoid jeopardizing your financial aid, you can:

1. Limit taking courses to those that only transfer into the Nursing or Radiography program.
2. Graduate from the GOT before starting Nursing or Radiography program

Contact the Financial Aid Office at (336) 633-0205 for clarification or further information.

Additional semester hours credit for students who desire full-time status or wish to complete the GOT diploma

	Hours/Week		Sem. Hrs.	
	Class	Lab	Credit	
ART 111	+Art Appreciation	3	0	3
BIO 111	+General Biology I	3	3	4
BIO 112	+General Biology II	3	3	4
CHM 132	+Organic & Biochemistry	3	3	4
CIS 110	Introduction to Computers	2	2	3
CIS 113	Computer Basics	0	2	1
COM110	Intro to Communication	3	0	3
ENG 131	Introduction to Literature	3	0	3
GEL 111	+Introduction to Geology	3	2	4
HEA 110	+Personal Health/Wellness	3	0	3
HIS 121	+Western Civilization I	3	0	3
HIS 122	+Western Civilization II	3	0	3
HIS 131	+American History I	3	0	3
HIS 132	+American History II	3	0	3
HUM110	Technology & Society	3	0	3
HUM120	Cultural Studies	3	0	3
MAT 115	Mathematical Models	2	2	3
MAT 151	+Statistics	3	0	3
MUS 110	+Music Appreciation	3	0	3
PED 110	+Fitness and Wellness for Life	1	2	2
PHI 215	Philosophical Issues	3	0	3
PHI 240	Introduction to Ethics	3	0	3
PSY 110	+ Life Span Development	3	0	3
PSY 281	+Abnormal Psychology	3	0	3
SPA 111	Elementary Spanish I	3	0	3
SPA 112	Elementary Spanish I	3	0	3
SOC 213	+Sociology of the Family	3	0	3

+Courses suggested if long-term goal of student is a four-year degree.

TOTAL SEMESTER HOURS CREDIT: 48

**GENERAL OCCUPATIONAL TECHNOLOGY FOR
ASSOCIATE DEGREE NURSING - DAY**

Required Courses - Diploma*

		Hours/Week			Sem. Hrs.
		Class	Lab	Clinical	Cred
General Education Courses (required)					
BIO 168	Anatomy & Physiology I	3	3	0	4
BIO 169	Anatomy & Physiology II	3	3	0	4
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ECO 151	Survey of Economics	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
PSY 110	Life Span Development	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3

*Students planning to enroll in Associate Degree Nursing must maintain a grade of "C" or better in BIO 168, BIO 169 and PSY 110 if the student elects to take these courses prior to enrolling in Nursing courses. If a student earns less than a "C," the course must be repeated and the student must earn a grade of "C" or better before being admitted to the ADN program.

SEMESTER HOURS CREDIT (above list): 30
SEMESTER HOURS CREDIT (first page): 18
TOTAL SEMESTER HOURS CREDIT: 48



**GENERAL OCCUPATIONAL TECHNOLOGY FOR
PHYSICAL THERAPIST ASSISTANT - DAY**

Required Courses - Diploma

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Clinical</u>	<u>Cred</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
PSY 150	General Psychology	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
SOC 210	Introduction to Sociology	3	0	0	3
Major Courses (required)					
BIO 168	*Anatomy & Physiology I	3	3	0	4
BIO 169	*Anatomy & Physiology II	3	3	0	4

SEMESTER HOURS CREDIT (above list): 23

SEMESTER HOURS CREDIT (first page): 25

TOTAL SEMESTER HOURS CREDIT: 48

GENERAL OCCUPATIONAL TECHNOLOGY FOR RADIOGRAPHY – DAY

Required Courses - Diploma

		<u>Class</u>	<u>Hours/Week</u>		<u>Sem. Hrs.</u>
			<u>Lab</u>	<u>Clinical</u>	<u>Cred</u>
General Education Courses (required)					
BIO 163	Basic Anatomy & Physiology	4	2	0	5
or					
BIO 168	*Anatomy & Physiology I	3	3	0	4
and					
BIO 169	*Anatomy & Physiology II	3	3	0	4
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3

*Students planning to enroll in Radiography must maintain a grade of “C” or better in BIO 163 (or BIO 168 & BIO 169), PSY 150 and SOC 210. If a student earns less than a “C,” the course must be repeated and the student must earn a grade of “C” or better before being admitted to the Radiography program.

SEMESTER HOURS CREDIT (above list): 20 or 30
SEMESTER HOURS CREDIT (page 80): 28 or 25
TOTAL SEMESTER HOURS CREDIT: 48

■ **Nursing Assistant**

[C45480] Certificate (Day)

The Nursing Assistant curriculum prepares individuals to work under the supervision of licensed health care professionals in performing nursing care and services for persons of all ages.

Course work emphasizes growth and development throughout the life span, personal care, vital signs, communication, nutrition, medical asepsis, therapeutic activities, accident and fire safety, household environment and equipment management, family resources and services, and employment skills.

Graduates of this curriculum may be eligible to be listed on the registry as a Nursing Assistant I and Nursing Assistant II. They may be employed in home health agencies, hospitals, clinics, nursing homes, extended care facilities, and doctors' offices.

This program is offered only to Huskins students and includes only NAS 101 for Nursing Assistant I certification.

NURSING ASSISTANT - DAY

Required Courses - Certificate

		<u>Hours/Week</u>			Sem. Hrs.
		<u>Class</u>	<u>Lab</u>	<u>Clinical</u>	<u>Credit</u>
NAS 101	Nursing Assistant I	3	2	3	5
NAS 102	Nursing Assistant II	3	2	6	6
NAS 103	Home Health Care	2	0	0	2

TOTAL SEMESTER HOURS CREDIT: 13

Nursing Assistant classes for students not eligible for this certificate program are offered through Continuing Education. For more information, call (336) 633-0267.

Physical Therapist Assistant (collaborative program)

[A45620] Associate in Applied Science Degree (Day)

The Physical Therapist Assistant curriculum prepares graduates to work in direct patient care settings under the supervision of physical therapists. Assistants work to improve or restore function by alleviation or prevention of physical impairment and perform other essential activities in a physical therapy department.

Course work includes normal human anatomy and physiology, the consequences of disease or injury, and physical therapy treatment of a variety of patient conditions affecting humans throughout the life span.

Graduates may be eligible to take the licensure examination administered by the North Carolina Board of Physical Therapy Examiners. Employment is available in general hospitals, rehabilitation centers, extended care facilities, specialty hospitals, home health agencies, private clinics, and public school systems.

This program is a collaborative effort between Randolph Community College and Guilford Technical Community College. Guilford Technical Community College is the “host” college. This agreement allows for RCC to have one student slot every odd year. RCC students will take all general education requirements on the RCC campus and will transfer to Guilford Technical Community College for all major courses and completion of the program.

PHYSICAL THERAPIST ASSISTANT – DAY

Required Courses - Degree

Courses that may be completed at Randolph Community College.

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Clinical</u>	<u>Cred</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
PSY 150	General Psychology	3	0	0	3
 Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
DRA 112	Literature of Theatre	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3

Major Courses (required)

BIO 165	*Anatomy & Physiology I	3	3	0	4
BIO 166	*Anatomy & Physiology II	3	3	0	4

*The following are substitute courses available at RCC.

BIO 168	Anatomy & Physiology I	3	3	0	4
BIO 169	Anatomy & Physiology II	3	3	0	4

Courses that must be completed at Guilford Technical Community College.

PHY 110	Conceptual Physics	3	0	0	3
PHY 110A	Conceptual Physics Lab	0	2	0	1
PSY 241	Developmental Psychology	3	0	0	3
PTA 110	Introduction to Physical Therapy	2	3	0	3
PTA 125	Gross & Functional Anatomy	3	6	0	5
PTA 135	Pathology	4	0	0	4
PTA 145	Therapeutic Procedures	2	6	0	4
PTA 155	Physical Therapist Assistant Clinical I	0	6	0	2
PTA 185	Physical Therapist Assistant Clinical II	0	9	0	3
PTA 212	Health Care/Resources	2	0	0	2
PTA 215	Therapeutic Exercise	2	3	0	3
PTA 222	Professional Interactions	2	0	0	2
PTA 225	Introduction to Rehabilitation	3	3	0	4
PTA 235	Neurological Rehabilitation	3	6	0	5
PTA 245	Physical Therapist Assistant Clinical III	0	12	0	4
PTA 255	Physical Therapist Assistant Clinical IV	0	12	0	4

Students must demonstrate math and computer proficiency at the following course level prior to graduation: MAT 110 or MAT 115 and CIS 110.

TOTAL SEMESTER HOURS CREDIT: 75

■ Radiography

[A45700] Associate in Applied Science Degree (Day)

The Radiography curriculum prepares the graduate to be a radiographer, a skilled health care professional who uses radiation to produce images of the human body.

Courses will include content related to the radiographer's role within the health care setting. Graduates of this program are eligible to apply to take the registry exam with the American Registry for Radiologic Technologists (ARRT). Employment opportunities include hospitals and physicians' offices. Program graduates are awarded the Associate in Applied Science degree.

For admissions requirements specific to the Radiography program, see pages 19 – 21.

Randolph Community College is accredited by the Southern Association of Colleges and Schools. SACS accreditation is recognized by the American Registry of Radiologic Technologists and allows the student who successfully completes the program to sit for the national radiologic technologist registry examination. The American Registry of Radiologic Technologists is responsible for determining eligibility of each candidate to take the national certification examination.

In addition, Randolph Community College is pursuing accreditation by the Joint Review Committee on Education in Radiologic Technology (JRCERT). JRCERT accreditation is considered a gold standard in school accomplishments and the process to acquire accreditation is quite lengthy. It is our goal to apply for accreditation and achieve it as soon as possible. However, because the school has not yet received the JRCERT accreditation, any student anticipating relocation to another state that requires a JRCERT program should discuss this with the program director.

RADIOGRAPHY – DAY

Curriculum by Semesters - Degree*

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Clinical</u>	<u>Cred</u>
General Education Courses (required)					
BIO 163	Basic Anatomy & Physiology	4	2	0	5
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
Major Courses (required)					
RAD 110	Radiography Introduction & Patient Care (c)	2	3	0	3
RAD 111	RAD Procedures I	3	3	0	4
RAD 112	RAD Procedures II	3	3	0	4
RAD 121	Radiographic Imaging I	2	3	0	3
RAD 122	Radiographic Imaging II	1	3	0	2
RAD 131	Radiographic Physics I	1	3	0	2
RAD 151	RAD Clinical Education	0	0	6	2
RAD 161	RAD Clinical Education II	0	0	15	5
RAD 171	RAD Clinical Education III	0	0	12	4
RAD 211	RAD Procedures III	2	3	0	3
RAD 231	Radiographic Physics II	1	3	0	2
RAD 241	Radiobiology Protection	2	0	0	2
RAD 245	RAD Quality Management	1	3	0	2
RAD 251	RAD Clinical Education IV	0	0	21	7
RAD 261	RAD Clinical Education V	0	0	21	7

*Students must maintain a grade of “C” or better in all RAD courses, BIO 163, and PSY 150.

**Students who choose to take BIO168 and BIO169 instead of BIO163 will receive credit for BIO163 if they earn a grade of “C” or better.

TOTAL SEMESTER HOURS CREDIT: 72

Human Services Department

■ Basic Law Enforcement Training

[C55120] Certificate (Day & Evening)

Basic Law Enforcement Training (BLET) is designed to give students essential skills required for entry-level employment as law enforcement officers with state, county, or municipal governments, or with private enterprise.

This program utilizes State-commission-mandated topics and methods of instruction. General subjects include, but are not limited to, criminal, juvenile, traffic, and alcoholic beverage laws; investigative, patrol, custody, and court procedures; emergency responses; and ethics and community relations.

Students must successfully complete all units of study and pass the certification examination mandated by the North Carolina Criminal Justice Education and Training Standards Commission and the North Carolina Sheriffs' Education and Training Standards Commission to receive a certificate.

This program is offered during the day in the spring semester only and during the evening from fall semester through spring semester.

Randolph Community College's Basic Law Enforcement Training program has been accredited by the North Carolina Criminal Justice Education and Training Standards Commission. To receive accreditation, RCC had to meet certain criteria including documentation of instructor qualifications; facility requirements such as space and lighting; equipment needs such as audiovisual equipment and automobiles for training; availability of reference materials; and formalized agreements with agencies sharing training facilities such as firing and driving ranges.

A copy of this accreditation may be obtained by calling the director of institutional effectiveness, (336) 633-0332.

For admissions requirements specific to the Basic Law Enforcement Training program, see page 18.

BASIC LAW ENFORCEMENT TRAINING - DAY

Curriculum By Semester - Certificate

		<u>Hours/Week</u>		<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Credit</u>
CJC 100	Basic Law Enforcement Training	8	30	18

TOTAL SEMESTER HOURS CREDIT: 18

BASIC LAW ENFORCEMENT TRAINING - EVENING

Curriculum By Semester - Certificate

		<u>Hours/Week</u>		<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Credit</u>
CJC 100A	Basic Law Enforcement Training	8	21	10
CJC 100B	Basic Law Enforcement Training	5	9	8

TOTAL SEMESTER HOURS CREDIT: 18

Transfer Credit Upon Completion of Basic Law Enforcement Training into the Criminal Justice Degree Program

CJC 131	Criminal Law	3 credits
CJC 132	Court Procedures & Evidence	3 credits
CJC 221	Investigative Principles	4 credits
CJC 225	Crisis Intervention	3 credits
CJC 231	Constitutional Law	3 credits

■ Criminal Justice Technology

[A55180] Associate in Applied Science Degree (Day, Evening & On-line)

The Criminal Justice Technology curriculum is designed to provide knowledge of criminal justice systems and operations. Study will focus on local, state, and federal law enforcement; judicial processes; corrections; and security services. The criminal justice system's role within society will be explored.

Emphasis is on criminal justice systems, criminology, juvenile justice, criminal and constitutional law, investigative principles, ethics, and community relations. Additional study may include issues and concepts of government, counseling, communications, computers, and technology.

Employment opportunities exist in a variety of local, state, and federal law enforcement; corrections; and security fields. Examples include police officer, deputy sheriff, county detention officer, state trooper, probation/parole surveillance officer, correctional officer, and loss prevention specialist.

CRIMINAL JUSTICE TECHNOLOGY – DAY, EVENING & ON-LINE

Curriculum By Semesters - Degree

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Prof. Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

CIS 110	Introduction to Computers	2	2	0	3
CJC 111	Introduction to Criminal Justice	3	0	0	3
CJC 112	Criminology	3	0	0	3
CJC 113	Juvenile Justice	3	0	0	3
CJC 121	Law Enforcement Operations	3	0	0	3
CJC 122	Criminalistics	3	0	0	3
CJC 131	Criminal Law	3	0	0	3
CJC 132	Court Procedures & Evidence	3	0	0	3
CJC 141	Corrections	3	0	0	3
CJC 212	Ethics & Community Relations	3	0	0	3
CJC 215	Organization & Administration	3	0	0	3
CJC 221	Investigative Principles	3	2	0	4
CJC 222	Criminalistics	3	0	0	3
CJC 225	Crisis Intervention	3	0	0	3
CJC 231	Constitutional Law	3	0	0	3
CJC 293	Selected Topics in Criminal Justice	3	0	0	3
POL 120	American Government	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SPA 120	Spanish for the Workplace	3	0	0	3

TOTAL SEMESTER HOURS CREDIT: 70

■ Early Childhood Associate

[A55220] Associate in Applied Science Degree (Day & Evening);

[D55220] Diploma (Day & Evening); [C55220] Certificate (Day & Evening)

The Early Childhood Associate curriculum prepares individuals to work with children from infancy through middle childhood in diverse learning environments. Students will combine learned theories with practice in actual settings with young children under the supervision of qualified teachers.

Course work includes child growth and development, physical/nutritional needs of children, care and guidance of children, and communications skills with parents and children. Students will foster the cognitive/language, physical/motor, social/emotional, and creative development of young children.

Graduates are prepared to plan and implement developmentally appropriate programs in early childhood settings. Employment opportunities include child development and child care programs, preschools, public and private schools, recreational centers, Head Start programs, and school-age programs.

Early Childhood Credentials for State Certificates

Under the credentials track, there are two options, depending upon the need of the student.

1. **Early Childhood Credential I & II** – This program of study involves taking two courses: **EDU 111 Early Childhood Credential I** and **EDU 112 Early Childhood Credential II**. *Completion of these courses will meet the minimum credential requirement to teach in a child care center.*
2. **Early Childhood Administration Credential I & II** – This program of study involves taking **12 semester hours of courses, specifically EDU 261 Early Childhood Administration Credential I, EDU 262 Early Childhood Administration Credential II, and seven additional semester hours of courses (2-4 courses depending on which courses are taken)**. *Completion of these courses will meet the minimum credential requirement to be a director of a child care center.*

Courses for School-Age Providers

Two courses are required for teachers and administrators of school-age programs: EDU 145 Child Development II (offered each spring semester) and EDU 235 School-Age Development & Program (offered each fall semester. Completion of these two courses will meet the state's educational requirements for school-age program providers.

EARLY CHILDHOOD ASSOCIATE – DAY

Curriculum By Semesters - Diploma & Degree

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 111	*Expository Writing	3	0	0	3
ENG 114	*Professional Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
PSY 150	General Psychology	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 232	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3

ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Major Courses (required)

COE 111	*Cooperative Work Experience I	0	0	10	1
COE 115	*Work Experience Seminar I	1	0	0	1
COE 121	Cooperative Work Experience II	0	0	10	1
COE 125	Work Experience Seminar II	1	0	0	1
EDU 111	*+Early Childhood Credential I	4	0	0	4
EDU 112	*+Early Childhood Credential II	4	0	0	4
EDU 113	*+Family/Early Childhood Credential	4	0	0	4
EDU 119	*+Early Childhood Education	4	0	0	4
EDU 131	*Child, Family & Community	3	0	0	3
EDU 144	*Child Development I	3	0	0	3
EDU 145	*Child Development II	3	0	0	3
EDU 146	*Child Guidance	3	0	0	3
EDU 151	Creative Activities	3	0	0	3
EDU 153	*Health, Safety & Nutrition	3	0	0	3
EDU 221	*Children with Special Needs	3	0	0	3
EDU 234	*Infants, Toddlers & Twos	3	0	0	3
EDU 235	School-Age Development & Program	2	0	0	2
EDU 251	Exploration Activities	3	0	0	3
EDU 259	Curriculum Planning	3	0	0	3
EDU 271	*Educational Technology	2	2	0	3
EDU 280	Language and Literacy	3	0	0	3
SOC 213	*Sociology of the Family	3	0	0	3

*Courses required for diploma.

+Instead of EDU 119, students may elect to take EDU 111 Early Childhood Credential I **and** EDU 112 Early Childhood Credential II **or** EDU 111 **and** EDU 113 Family/Early Childhood Credential.

TOTAL SEMESTER HOURS CREDIT FOR DIPLOMA: 39

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 64

EARLY CHILDHOOD CERTIFICATE

Curriculum By Semesters - Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
Major Courses (required)					
COE 111	Cooperative Work Experience I	0	0	10	1
COE 115	Cooperative Work Seminar I	1	0	0	1
EDU 111	Early Childhood Credential I	2	0	0	2
EDU 112	Early Childhood Credential II	2	0	0	2
EDU 144	Child Development I	3	0	0	3
EDU 146	Child Guidance	3	0	0	3
EDU 151	Creative Activities	3	0	0	3
EDU 153	Health, Safety & Nutrition	3	0	0	3

TOTAL SEMESTER HOURS CREDIT FOR CERTIFICATE: 18

EARLY CHILDHOOD ADMINISTRATIVE CERTIFICATE

Curriculum By Semesters - Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
Major Courses (required)					
EDU 261	Early Childhood Administration Credential I	2	0	0	2
EDU 262	Early Childhood Administration Credential II	3	0	0	3

TOTAL SEMESTER HOURS CREDIT FOR CERTIFICATE: 19

■ Early Childhood Associate Teacher Associate Concentration

[A5522B] Associate in Applied Science Degree

Teacher Associate is a concentration under the curriculum title of Early Childhood Associate. This curriculum prepares individuals to work with children from early through middle childhood in diverse learning environments. Students will combine learned theories with practice in actual settings with young children under the supervision of qualified teachers.

Course work includes childhood growth and development, physical/nutritional needs of children, care and guidance of children, and communication skills with parents and children. Students will foster the cognitive/language, physical/motor, social/emotional, and creative development of young children.

Graduates are prepared to plan and implement developmentally appropriate programs in early childhood settings.

Curriculum By Semesters - Diploma & Degree

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 111	*Expository Writing	3	0	0	3
ENG 114	*Professional Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
PSY 150	General Psychology	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3

PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3
Major Courses (required)					
COE 111	*Cooperative Work Experience I	0	0	10	1
COE 115	*Work Experience Seminar I	1	0	0	1
COE 121	Cooperative Work Experience II	0	0	10	1
COE 132	Cooperative Work Seminar II	1	0	0	1
EDU 119	*+Early Childhood Education	4	0	0	4
EDU 131	*Child, Family & Community	3	0	0	3
EDU 144	*Child Development I	3	0	0	3
EDU 145	*Child Development II	3	0	0	3
EDU 146	*Child Guidance	3	0	0	3
EDU 151	Creative Activities	3	0	0	3
EDU 153	*Health, Safety & Nutrition	3	0	0	3
EDU 221	*Children with Special Needs	3	0	0	3
EDU 234	*Infants, Toddlers & Twos	3	0	0	3
EDU 235	School-Age Development & Program	2	0	0	2
EDU 251	Exploration Activities	3	0	0	3
EDU 259	Curriculum Planning	3	0	0	3
EDU 271	*Educational Technology	2	2	0	3
EDU 280	Language and Literacy	3	0	0	3
SOC 213	*Sociology of the Family	3	0	0	3

*Courses required for diploma.

+Instead of EDU 119, students may elect to take EDU 111 Early Childhood Credential I **and** EDU 112 Early Childhood Credential II **or** EDU 111 **and** EDU 113 Family/Early Childhood Credential.

TOTAL SEMESTER HOURS CREDIT: 66

Mechanical & Industrial Department

■ Autobody Repair

[D60100] Diploma (Day); [C60100] Certificate (Evening)

The Autobody Repair curriculum provides training in the use of equipment and materials of the autobody repair trade. The student studies the construction of the automobile body and techniques of autobody repairing, rebuilding, and refinishing.

The course work includes autobody fundamentals, industry overview, and safety. Students will perform hands-on repairs in the areas of nonstructural and structural repairs, mig welding, plastics and adhesives, refinishing, and other related areas.

Graduates of the curriculum should qualify for entry-level employment opportunities in the automotive body and refinishing industry. Graduates may find employment with franchised independent garages, or they may become self-employed.

Randolph Community College's Autobody Repair program uses the I-CAR ADVANCE-TECH curriculum which includes the PACE program. ADVANCE-TECH is the only state-of-the-art, industry endorsed and developed collision repair curriculum that prepares students for the high-tech, rewarding careers of the collision repair industry. ADVANCE-TECH is mandated or endorsed by several state departments of education and meets NATEF requirements for ASE certification.

AUTOBODY REPAIR – DAY & EVENING

Curriculum By Semesters - Diploma

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ENG 102	Applied Communications II	3	0	0	3
MAT 101	Applied Mathematics	2	2	0	3
Major Courses (required)					
AUB 111	Painting & Refinishing I	2	6	0	4
AUB 112	Painting & Refinishing II	2	6	0	4
AUB 114	Special Finishes	1	2	0	2
AUB 121	Nonstructural Damage I	1	4	0	3
AUB 122	Nonstructural Damage II	2	6	0	4
AUB 131	Structural Damage I	2	4	0	4
AUB 132	Structural Damage II	2	6	0	4
AUB 134	Autobody MIG Welding	1	4	0	3
AUB 136	Plastics & Adhesives	1	4	0	3
AUB 144	Mechanical & Electrical Specialties	2	2	0	3
BUS 230	Small Business Management	3	0	0	3
CIS 113	Computer Basics	0	2	0	1

TOTAL SEMESTER HOURS CREDIT: 44

AUTOBODY REPAIR – EVENING

Curriculum By Semesters - Certificate

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
Major Courses (required)					
AUB 111	Painting & Refinishing I	2	6	0	4
AUB 121	Nonstructural Damage I	1	4	0	3
AUB 131	Structural Damage I	2	4	0	4
AUB 134	Autobody MIG Welding	1	4	0	3

TOTAL SEMESTER HOURS CREDIT: 14

■ Automotive Systems Technology

[A60160] Associate in Applied Science Degree (Day); [D60160] Diploma (Day)

The Automotive Systems Technology curriculum prepares individuals for employment as automotive service technicians. It provides an introduction to automotive careers and increases student awareness of the challenges associated with this fast and ever-changing field.

Classroom and lab experiences integrate technical and academic course work. Emphasis is placed on theory, servicing, and operation of brakes, electrical/electronic systems, engine performance, steering/suspension, automatic transmission/transaxles, engine repair, climate control, and manual drive trains.

Upon completion of this curriculum, students should be prepared to take the ASE exam and be ready for full-time employment in dealerships and repair shops in the automotive service industry.

AUTOMOTIVE SYSTEMS TECHNOLOGY - DAY

Curriculum By Semesters - Diploma & Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 140	Survey of Mathematics	3	0	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

AUT 111	*Basic Automotive Technology	1	2	0	2
AUT 113	Automotive Servicing	2	6	0	4
AUT 115	*Engine Fundamentals	2	3	0	3
AUT 116	Engine Repair (om)	1	3	0	2
AUT 141	*Suspension & Steering Systems	2	4	0	4
AUT 151	*Brake Systems	2	2	0	3
AUT 152	*Brake Systems Lab	0	2	0	1
AUT 161	*Electrical Systems	2	6	0	4
AUT 162	*Chassis Electrical & Electronics	2	2	0	3
AUT 163	*Chassis Electrical & Electronics Lab	0	2	0	1
AUT 171	Heating & Air Conditioning	2	3	0	3
AUT 181	*Engine Performance-Electrical	2	3	0	3
AUT 182	*Engine Performance-Electrical Lab	0	3	0	1
AUT 183	*Engine Performance-Fuels	2	3	0	3
AUT 184	*Engine Performance-Fuels Lab	0	3	0	1
AUT 186	*Automotive Computer Applications	1	2	0	2
AUT 221	Automatic Transmissions (om)	2	6	0	4
AUT 231	Manual Drive Trains/Axles	2	3	0	3
AUT 232	Manual Drive Trains/Axles Lab	0	3	0	1
AUT 281	Advanced Engine Performance	2	2	0	3
COE 112	Cooperative Work Experience I	0	0	20	2
COE 122	Cooperative Work Experience II (om)	0	0	20	2

*Courses required for diploma.

TOTAL SEMESTER HOURS CREDIT FOR DIPLOMA: 37

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 64 or 66

■ Electric Lineman Technology* (collaborative program)

[A35210] Associate in Applied Science Degree (Day & Evening)

The Electric Lineman Technology curriculum prepares individuals to work as linemen in the preparation and repair of rural electrical utility service. Students will combine electrical theory with laboratory and practical applications in the course of study.

Students will be expected to master competencies such as those included in elements of electricity, overhead pole and electrical line construction, safety codes and applications, electric power system, transformer and meter installations, and exploration of underground electrical distribution.

Upon successful completion of the program, individuals will receive the Associate in Applied Science degree and will possess the necessary skills for employment in the dynamic electrical utility field.

This program is a collaborative effort between Randolph Community College and Nash Community College. Nash Community College is the "host" college.

**This program is for employees of electric membership companies only.*

ELECTRIC LINEMAN TECHNOLOGY – DAY & EVENING

Required Courses - Degree

Courses that may be completed at Randolph Community College.

		Hours/Week			Sem. Hrs. Credit
		Class	Lab	Wk. Exp.	
General Education Courses (required)					
COM 110	*Introduction to Communication	3	0	0	3
ENG 111	Expository Writing	3	0	0	3
HUM 115	*Critical Thinking	3	0	0	3
MAT 121	Algebra/Trigonometry I	2	2	0	3
PSY 135	*Group Processes	3	0	0	3
Major Courses (required)					
CIS 111	*Basic PC Literacy	1	2	0	2
ELC 111	Introduction to Electricity	2	2	0	3

Courses that must be completed at Nash Community College.

CIS 111	*Basic PC Literacy	1	2	0	2
COE 114	Cooperative Experience I	0	0	40	4
COE 124	Cooperative Experience II	0	0	40	4
COE 134	Cooperative Experience III	0	0	40	4
ELC 231	Electric Power Systems	3	2	0	4
ELC 233	Energy Management	2	2	0	3
ELT 111	Introduction to Electric Lineman	2	0	0	2
ELT 112	National Electrical Safety Code	2	2	0	3
ELT 114	Overhead Line Construction I	1	1	0	2
ELT 115	Overhead Line Construction II	2	0	0	2
ELT 116	Overhead Line Construction III	2	0	0	2
ELT 117	Overhead Line Construction IV	2	0	0	2
ELT 211	Underground Line Construction I	2	0	0	2
ELT 212	Underground Line Construction II	2	0	0	2
ELT 221	Advanced Line Construction	2	0	0	2
HEA 112	First Aid and Life Saving Skills	1	2	0	2

***The following are substitute courses available at RCC.**

CIS 110	Introduction to Computers	3	0	0	3
COM 231	Public Speaking	3	0	0	3
HUM 110	Technology and Society	3	0	0	3
PSY 150	General Psychology	3	0	0	3

TOTAL SEMESTER HOURS CREDIT: 64

■ Electrical/Electronics Technology

[A35220] Associate in Applied Science Degree (Day & Evening); [D35220] Diploma (Day & Evening); [C35220] Certificate (Day & Evening)

The Electrical/Electronics Technology curriculum is designed to provide training for persons interested in the installation and maintenance of electrical/electronic systems found in residential, commercial, and industrial facilities.

Training, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, digital electronics, programmable logic controllers, industrial motor controls, the National Electrical Code, and other subjects as local needs require.

Graduates should qualify for a variety of jobs in the electrical/electronics field as an industrial electronics technician or apprentice assisting in the layout, installation, and maintenance of electrical/electronic systems.

ELECTRICAL/ELECTRONICS TECHNOLOGY - DAY & EVENING S

Curriculum By Semesters - Certificate, Diploma, Degree, Wiring Certificate

		Hours/Week			Sem. Hrs.	
General Education Courses (required)		Class	Lab	Wk. Exp.		Credit
ENG 111	Expository Writing	3	0	0		3
ENG 114	Professional Research & Reporting	3	0	0		3
MAT 121	Algebra/Trigonometry I	2	2	0		3
Humanities/Fine Arts (3 Semester Hours Credit - select one)						
ART 111	Art Appreciation	3	0	0		3
ART 114	Art History Survey I	3	0	0		3
ART 115	Art History Survey II	3	0	0		3
DRA 111	Theatre Appreciation	3	0	0		3
ENG 131	Introduction to Literature	3	0	0		3
ENG 231	American Literature I	3	0	0		3
ENG 232	American Literature II	3	0	0		3
ENG 241	British Literature I	3	0	0		3
ENG 242	British Literature II	3	0	0		3
HUM 110	Technology & Society	3	0	0		3
HUM 120	Cultural Studies	3	0	0		3
HUM 121	The Nature of America	3	0	0		3
HUM 122	Southern Culture	3	0	0		3
HUM 160	Introduction to Film	2	2	0		3
MUS 110	Music Appreciation	3	0	0		3
PHI 210	History of Philosophy	3	0	0		3
PHI 215	Philosophical Issues	3	0	0		3
PHI 240	Introduction to Ethics	3	0	0		3
REL 110	World Religions	3	0	0		3
REL 211	Intro to Old Testament	3	0	0		3
REL 212	Intro to New Testament	3	0	0		3
SPA 111	Elementary Spanish I	3	0	0		3
SPA 112	Elementary Spanish II	3	0	0		3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)						
ANT 210	General Anthropology	3	0	0		3
ANT 220	Cultural Anthropology	3	0	0		3
ECO 151	Survey of Economics	3	0	0		3
ECO 251	Principles of Microeconomics	3	0	0		3
ECO 252	Principles of Microeconomics	3	0	0		3
HIS 121	Western Civilization I	3	0	0		3
HIS 122	Western Civilization II	3	0	0		3
HIS 131	American History I	3	0	0		3
HIS 132	American History II	3	0	0		3
POL 120	American Government	3	0	0		3
PSY 150	General Psychology	3	0	0		3

SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3
Major Courses (required)					
CIS 113	**Computer Basics	0	2	0	1
ELC 112	*DC/AC Electricity	3	6	0	5
ELC 113	**+Basic Wiring I	2	6	0	4
ELC 115	*+Industrial Wiring	2	6	0	4
ELC 117	*Motors & Controls	2	6	0	4
ELC 118	*+National Electrical Code	1	2	0	2
ELC 125	**+Diagrams & Schematics	1	2	0	2
ELC 126	**+Electrical Computations	2	2	0	3
ELC 128	Introduction to PLC	2	3	0	3
ELN 131	*Electronic Devices	3	3	0	4
ELN 132	Linear IC Applications	3	3	0	4
ELN 133	Digital Electronics	3	3	0	4
ELN 229	Industrial Electronics	2	4	0	4
ELN 260	Programmable Logic Controllers	3	3	0	4
HYD 110	Hydraulics/Pneumatics I	2	3	0	3
ISC 112	**+Industrial Safety	2	0	0	2
MEC 110	Introduction to CAD/CAM	1	2	0	2

*Courses required for diploma. **Courses required for diploma & certificate.
+Courses required for Wiring certificate.

TOTAL SEMESTER HOURS CREDIT FOR CERTIFICATE: 12
TOTAL SEMESTER HOURS CREDIT FOR WIRING CERTIFICATE: 17
TOTAL SEMESTER HOURS CREDIT FOR DIPLOMA: 37
TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 70

ELECTRICAL/ELECTRONICS TECHNOLOGY – DAY & EVENING

Curriculum By Semesters - PLC Certificate & Basic Wiring/PLC Certificate

Major Courses (required)	<u>Hours/Week</u>		<u>Sem. Hrs.</u> <u>Credit</u>
	<u>Class</u>	<u>Lab</u>	
ELC 125 *Diagrams & Schematics (om)	1	2	2
ELC 126 *Electrical Computations (om)	2	2	3
ISC 112 *Industrial Safety (om)	2	0	2
ELC 113 +Basic Wiring I (c)	2	6	4
ELC 128 *Introduction to PLC (c)	2	3	3
ELC 118 +National Electrical Code (om)	1	2	2
ELN 260 *Programmable Logic Controllers (om)	3	3	4
ELC 115 +Industrial Wiring (c)	2	6	4
ELC 128 +Introduction to PLC (c)	2	3	3

*Courses required for PLC certificate. +Courses required for Basic Wiring/PLC certificate.

TOTAL SEMESTER HOURS CREDIT FOR PLC CERTIFICATE: 14
TOTAL SEMESTER HOURS CREDIT FOR BASIC WIRING/PLC CERTIFICATE: 13

■ Industrial Systems Technology

[A50240] Associate in Applied Science Degree (Day & Evening) [D50240] Diploma (Day & Evening); [C50240] Certificate (Day & Evening)

The Industrial Systems Technology curriculum is designed to prepare or upgrade individuals to safely service, maintain, repair, or install equipment. Instruction includes theory and skill training needed for inspecting, testing, troubleshooting, and diagnosing industrial systems.

Students will learn multicraft technical skills in blueprint reading, mechanical systems maintenance, electricity, hydraulics/pneumatics, welding, machining or fabrication, and includes various diagnostic and repair procedures. Practical application in these industrial systems will be emphasized and additional advanced course work may be offered.

Upon completion of this curriculum, graduates should be able to individually, or with a team, safely install, inspect, diagnose, repair, and maintain industrial process and support equipment. Students will also be encouraged to develop their skills as lifelong learners.

INDUSTRIAL SYSTEMS TECHNOLOGY – DAY & EVENING

Curriculum By Semesters - Certificate, Diploma & Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 121	Algebra/Trigonometry I	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3

PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

AHR 120	HVACR Maintenance	1	3	0	2
BPR 111	**Blueprint Reading	1	2	0	2
CIS 113	*Computer Basics	0	2	0	1
ELC 112	*DC/AC Electricity	3	6	0	5
ELC 113	*Basic Wiring I	2	6	0	4
ELC 115	*Industrial Wiring	2	6	0	4
ELC 117	*Motors & Controls	2	6	0	4
ELC 126	**Electrical Computations	2	2	0	3
ELC 128	Introduction to PLC	2	3	0	3
ELN 260	Programmable Logic Controllers	3	3	0	4
HYD 110	*Hydraulics/Pneumatics I	2	3	0	3
ISC 112	**Industrial Safety	2	0	0	2
MAC 124	CNC Milling	1	3	0	2
MEC 110	Introduction to CAD/CAM	1	2	0	2
MEC 111	**Machine Processes I	1	4	0	3
MEC 231	Computer-Aided Manufacturing I	1	4	0	3
MNT 110	**Introduction to Maintenance Procedures	1	3	0	2
MNT 111	Maintenance Practices	2	2	0	3
WLD 112	*Basic Welding Processes	1	3	0	2

*Courses required for diploma. **Courses required for diploma & certificate.

TOTAL SEMESTER HOURS CREDIT FOR CERTIFICATE: 12

TOTAL SEMESTER HOURS CREDIT FOR DIPLOMA: 41

TOTAL SEMESTER HOURS CREDIT FOR DEGREE: 69

■ Machining Technology

[A50300] Associate in Applied Science Degree (Day); [D50330] Diploma (Day); [C50330] Certificate (Day & Evening)

The Machining Technology curriculum is designed to develop skills in the theory and safe use of hand tools, power machinery, computerized equipment, and sophisticated precision inspection instruments.

Students will learn to interpret blueprints, set up manual and CNC machines, perform basic and advanced machining operations, and make decisions to insure that work quality is maintained.

Employment opportunities for machining technicians exist in manufacturing industries, public institutions, governmental agencies, and in a wide range of specialty machining job shops.

MACHINING TECHNOLOGY – DAY

Curriculum By Semesters - Certificate, Diploma, Degree

		Hours/Week			Sem. Hrs.
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	*Professional Research & Reporting	3	0	0	3
MAT 120	Geometry & Trigonometry	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

BPR 111	**+Blueprint Reading	1	2	0	2
BPR 121	*Blueprint Reading: Mechanical	1	2	0	2
COE 111	*Cooperative Work Experience I	0	0	10	1
COE 112	Cooperative Work Experience I	0	0	20	2
MAC 111	**Machining Technology I	2	12	0	6
MAC 112	**Machining Technology II	2	12	0	6
MAC 113	*Machining Technology III	2	12	0	6
MAC 122	*+CNC Turning	1	3	0	2
MAC 124	*+CNC Milling	1	3	0	2
MAC 151	**Machining Calculations	1	2	0	2
MAC 152	**Advanced Machining Calculations	1	2	0	2
MAC 214	Machining Technology IV	2	12	0	6
MAC 222	+Advanced CNC Turning	1	3	0	2
MAC 224	+Advanced CNC Milling	1	3	0	2
MAC 241	Jig & Fixtures I	2	6	0	4
MAC 243	Die Making I	2	6	0	4
MAC 245	Mold Construction I	2	6	0	4
MEC 110	*+Introduction to CAD/CAM	1	2	0	2
MEC 231	Computer-Aided Manufacturing I	1	4	0	3

*Courses required for diploma. **Courses required for diploma & certificate.

+Courses required for CNC Programming, Turning & Milling Certificate.

TOTAL SEMESTER CREDIT HOURS FOR CERTIFICATE: 18

TOTAL SEMESTER CREDIT HOURS FOR CNC CERTIFICATE: 12

TOTAL SEMESTER CREDIT HOURS FOR DIPLOMA: 37 or 38

TOTAL SEMESTER CREDIT HOURS FOR DEGREE: 70 or 72

MACHINING TECHNOLOGY – EVENING

Curriculum By Semesters - Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
Major Courses (required)					
BPR 111	Blueprint Reading	1	2	0	2
MAC 111A	Machining Technology I	1	6	0	3
MAC 111B	Machining Technology I	1	6	0	3
MAC 151	Machining Calculations	1	2	0	2
MAC 112A	Machining Technology II	1	6	0	3
MAC 152	Advanced Machining Calculations	1	2	0	2
MAC 112B	Machining Technology II	1	6	0	3

TOTAL SEMESTER HOURS CREDIT: 18

MACHINING TECHNOLOGY – EVENING

Curriculum By Semesters - CNC Programming Turning & Milling Certificate

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
Major Courses (required)					
BPR 111	Blueprint Reading	1	2	0	2
MAC 122	CNC Turning	1	3	0	2
MAC 124	CNC Milling	1	3	0	2
MAC 222	Advanced CNC Turning	1	3	0	2
MAC 224	Advanced CNC Milling	1	3	0	2
MEC 110	Introduction to CAD/CAM	1	2	0	2

TOTAL SEMESTER HOURS CREDIT: 12

■ Welding Technology

[C50420] Diploma (Evening)

The Welding Technology curriculum provides students with a sound understanding of the science, technology, and applications essential for successful employment in the welding and metal industry.

Instruction includes consumable and nonconsumable electrode welding and cutting processes. Courses in math, blueprint reading, metallurgy, welding inspection, and destructive and nondestructive testing provides the student with industry-standard skills developed through classroom training and practical application.

Successful graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.

WELDING TECHNOLOGY – EVENING

Curriculum By Semesters - Diploma

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
ENG 102	Applied Communications II	3	0	0	3
MAT 101	Applied Mathematics I	2	2	0	3
Major Courses (required)					
CIS 113	Computer Basics	0	2	0	1
WLD 110	Cutting Processes	1	3	0	2
WLD 111	Oxy-Fuel Welding	1	3	0	2
WLD 115	SMAW (Stick) Plate	2	9	0	5
WLD 116	SMAW (Stick) Plate/Pipe	1	9	0	4
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
WLD 131	GTAW (TIG) Plate	2	6	0	4
WLD 141	Symbols & Specifications	2	2	0	3
WLD 143	Welding Metallurgy	1	2	0	2
WLD 215	SMAW (Stick) Pipe	1	9	0	4
WLD 261	Certification Practises	1	3	0	2

TOTAL SEMESTER HOURS CREDIT: 13

Photographic Technology, Art, & Design Department

■ Advertising & Graphic Design

[A30100] Associate in Applied Science Degree (Day)

The Advertising & Graphic Design curriculum is designed to provide students with knowledge and skills necessary for employment in the graphic design profession, which emphasizes design, advertising, illustration, and digital and multimedia preparation of printed and electronic promotional materials.

Students will be trained in the development of concept and design for promotional materials such as newspaper and magazine advertisements, posters, folders, letterheads, corporate symbols, brochures, booklets, preparation of art for printing, lettering and typography, photography, and electronic media.

Graduates should qualify for employment opportunities with graphic design studios, advertising agencies, printing companies, department stores, a wide variety of manufacturing industries, newspapers, and businesses with in-house graphics operations.

ADVERTISING & GRAPHIC DESIGN – DAY

Curriculum By Semesters - Degree

		Hours/Week			Sem. Hrs.
		Class	Lab	Wk. Exp.	Credit
General Education Courses (required)					
ART 111	Art Appreciation	3	0	0	3
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 115	Mathematical Models	2	2	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3
Major Courses (required)					
COE 112	Cooperative Work Experience I	0	0	20	2
DES 135	Principles & Elements of Design I	2	4	0	4
DES 136	Principles & Elements of Design II	2	4	0	4
GRA 121	Graphic Arts I (om)	2	4	0	4
GRA 151	Computer Graphics I	1	3	0	2
GRA 152	Computer Graphics II	1	3	0	2
GRA 153	Computer Graphics III	1	3	0	2
GRA 154	Computer Graphics IV	1	3	0	2
GRA 221	Graphic Arts II	2	4	0	4
GRA 221A	Graphic Arts Applications II	0	3	0	1
GRD 110	Typography I	2	2	0	3
GRD 117	Design Career Exploration	2	0	0	2
GRD 121	Drawing Fundamentals I	1	3	0	2
GRD 131	Illustration I	1	3	0	2
GRD 142	Graphic Design II	2	4	0	4
GRD 230	Technical Illustration	1	3	0	2
GRD 241	Graphic Design III	2	4	0	4
GRD 271	Multimedia Design I	1	3	0	2
GRD 280	Portfolio Design	2	4	0	4
GRD 281	Design of Advertising	2	0	0	2

TOTAL SEMESTER HOURS CREDIT: 66 or 69

■ Interior Design

[A30200] Associate in Applied Science Degree (Day)

The Interior Design curriculum is designed to prepare students for a variety of job opportunities in the field of both residential and nonresidential interior design. The focus of the studies is technical knowledge, professional practices, and aesthetic principles.

Curriculum content includes residential and nonresidential interior design, architectural drafting, computer aided design, and universal design. Also included are basic design, history of interiors and furnishings, color theory, products, business practices, graphic presentations, and general educational courses.

Graduates should qualify for a variety of jobs including residential and commercial interior design; set design; showroom design; and sales positions for furniture, textiles, and accessories; and all businesses dealing with interiors.

INTERIOR DESIGN – DAY

Curriculum By Semesters - Degree

		Hours/Week			Sem. Hrs.
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ART 114	Art History Survey I	3	0	0	3
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
Social/Behavioral Sciences (3 Semester Hours Credit - select one)					
ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
MAT 120	*Geometry and Trigonometry	2	2	0	3
MAT 140	Survey of Mathematics	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

ART 115	Art History Survey II	3	0	0	3
CIS 110	*Introduction to Computers	2	2	0	3
COE 112	Cooperative Work Experience I	0	0	20	2
DES 110	Architectural Graphics	0	6	0	2
DES 120	CAD for Interior Design	0	6	0	2
DES 125	Graphic Presentation I	0	6	0	2
DES 135	Principles & Elements of Design I	2	4	0	4
DES 136	Principles & Elements of Design II	2	4	0	4
DES 210	Business Practices/Interior Design	2	0	0	2
DES 220	Introduction to Interior Design	1	6	0	3
DES 225	Textiles/Fabrics	2	2	0	3
DES 230	Residential Design I	1	6	0	3
DES 235	Products	2	2	0	3
DES 240	Nonresidential Design I	1	6	0	3
DES 241	Nonresidential Design II	1	6	0	3
DES 255	History/Interiors & Furnishings I	3	0	0	3
DES 256	History/Interiors & Furnishings II	3	0	0	3
DES 260	Materials Calculations/Interior Design	3	0	0	3
DES 265	Lighting/Interior Design	2	0	0	2
DES 276	Showroom & Gallery Design	1	6	0	3
DES 285	Capstone/Interior Design	2	6	0	4
DFT 151	*CAD I	2	3	0	3
DFT 152	*CAD II	2	3	0	3
DFT 153	*CAD III	2	3	0	3

*Curriculum By Semester - Certificate

TOTAL SEMESTER CREDIT HOURS FOR CERTIFICATE: 15

TOTAL SEMESTER CREDIT HOURS: 69 or 70

INTERIOR DESIGN – COMPUTER-AIDED DRAFTING - EVENING

Curriculum By Semesters - Certificate

Major Courses (required)	<u>Hours/Week</u>			<u>Sem. Hrs. Credit</u>	
	<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>		
CIS 110	*Introduction to Computers	2	2	0	3
DFT 151	*CAD I	2	3	0	3
DFT 152	*CAD II	2	3	0	3
DFT 153	*CAD III	2	3	0	3
MAT 120	*Geometry and Trigonometry	2	2	0	3

TOTAL SEMESTER CREDIT HOURS FOR CERTIFICATE: 15

■ Photographic Technology
Biomedical Photography Concentration

[A3028A] Associate in Applied Science Degree (Day)

Biomedical Photography is a concentration under the curriculum title of Photographic Technology. This curriculum prepares individuals with the techniques and procedures used in biocommunication photography.

Course work includes all core first-year studies along with a strong foundation in basic portraiture, commercial, and photojournalism. Specialized courses include macro-photography, multimedia production, and internship experiences under close supervision in a hospital setting.

Graduates should be thoroughly prepared to safely and successfully perform the duties required in entry-level positions in biomedical photography or related areas.

PHOTOGRAPHIC TECHNOLOGY
BIOMEDICAL PHOTOGRAPHY CONCENTRATION - DAY

Curriculum By Semesters - Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 115	Mathematical Models (g)	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3

REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

COE 112	Cooperative Work Experience I	0	0	20	2
COE 122	Cooperative Work Experience II	0	0	20	2
PFN 110	Process Monitoring I	1	3	0	2
PHO 110	Fundamentals of Photography	3	6	0	5
PHO 111	Photographic Correction & Finishing I	0	3	0	1
PHO 112	Design Laboratory I	0	3	0	1
PHO 121	Photographic Correction & Finishing II	0	3	0	1
PHO 122	Design Laboratory II	0	3	0	1
PHO 123	Large-Format Photography I	1	3	0	2
PHO 125	Basic Object Lighting	0	3	0	1
PHO 126	Basic Portrait Lighting	0	3	0	1
PHO 127	Photographic Materials/Processes	4	0	0	4
PHO 127A	Photographic Materials/Processes Lab	0	3	0	1
PHO 132	Small-Format Photography	2	6	0	4
PHO 133	Large-Format Photography II	1	3	0	2
PHO 134	Custom Color Printing	1	2	0	2
PHO 135	Product Lighting	0	3	0	1
PHO 139	Introduction to Digital Imaging	1	3	0	2
PHO 212	Biomed Photojournalism	1	3	0	2
PHO 213	Macro Photography	1	6	0	4
PHO 218	Biomed Portrait Lighting	0	3	0	1
PHO 224	Multimedia Production	2	3	0	3
PHO 225	Biomed Object Lighting	0	3	0	1
PHO 230	Biomed Portfolio Prep	0	6	0	2
PHO 241	Digital Image Technology	2	3	0	3

TOTAL SEMESTER HOURS CREDIT: 68

■ Photographic Technology Commercial Photography Concentration

[A3028B] Associate in Applied Science Degree (Day)

This curriculum provides in-depth study of professional commercial photography. Its segments, business practices, tools, techniques, and applications are explored via demonstrations, assignments, and on-the-job internships.

Course work includes in-depth study of advertising photography and product illustration; studio and location camera techniques and lighting; model, food, and architectural photography; layout specifications and art direction; corporate and stock photography; digital imaging applications; and current commercial business practices.

Graduates should be thoroughly prepared to successfully perform the duties required in entry-level positions within the commercial photography industry.

PHOTOGRAPHIC TECHNOLOGY COMMERCIAL PHOTOGRAPHY CONCENTRATION - DAY

Curriculum By Semesters - Degree

		Hours/Week		Sem. Hrs.	Credit
		Class	Lab	Wk. Exp.	
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 115	Mathematical Models (g)	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DAN 110	Dance Appreciation	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 233	Major American Writers	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
ENG 243	Major British Writers	3	0	0	3
ENG 251	Western World Literature I	3	0	0	3
ENG 252	Western World Literature II	3	0	0	3
FRE 111	Elementary French I	3	0	0	3
FRE 112	Elementary French II	3	0	0	3
FRE 211	Intermediate French I	3	0	0	3
FRE 212	Intermediate French II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 130	Myth in Human Culture	3	0	0	3
HUM 150	American Women's Studies	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
HUM 220	Human Values & Meaning	3	0	0	3
MUS 110	Music Appreciation	3	0	0	3
MUS 112	Introduction to Jazz	3	0	0	3
MUS 114	Non-Western Music	3	0	0	3

PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
REL 221	Religion in America	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ANT 221	Comparative Cultures	3	0	0	3
ANT 240	Archaeology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 110	Introduction to Political Science	3	0	0	3
POL 120	American Government	3	0	0	3
POL 210	Comparative Government	3	0	0	3
POL 220	International Relations	3	0	0	3
PSY 150	General Psychology	3	0	0	3
PSY 237	Social Psychology	3	0	0	3
PSY 281	Abnormal Psychology	3	0	0	3
SOC 213	Sociology of the Family	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

COE 112	Cooperative Work Experience I	0	0	20	2
COE 122	Cooperative Work Experience II	0	0	20	2
PHO 110	Fundamentals of Photography	3	6	0	5
PHO 111	Photographic Correction & Finishing I	0	3	0	1
PHO 112	Design Laboratory I	0	3	0	1
PHO 121	Photographic Correction & Finishing II	0	3	0	1
PHO 122	Design Laboratory II	0	3	0	1
PHO 123	Large-Format Photography I	1	3	0	2
PHO 125	Basic Object Lighting	0	3	0	1
PHO 126	Basic Portrait Lighting	0	3	0	1
PHO 127	Photographic Materials/Processes	4	0	0	4
PHO 127A	Photographic Materials/Processes Lab	0	3	0	1
PHO 132	Small-Format Photography	2	6	0	4
PHO 133	Large-Format Photography II	1	3	0	2
PHO 134	Custom Color Printing	1	2	0	2
PHO 135	Product Lighting	0	3	0	1
PHO 139	Introduction to Digital Imaging	1	3	0	2
PHO 215	Photographic Illustrations	2	8	0	6
PHO 224	Multimedia Production	2	3	0	3
PHO 229	Advertising Photography	2	8	0	6
PHO 231	Commercial Portfolio Preparation	0	6	0	2
PHO 241	Digital Image Technology	2	3	0	3

TOTAL SEMESTER HOURS CREDIT: 68

■ Photographic Technology Photojournalism Concentration

[A3028C] Associate in Applied Science Degree (Day)

Photojournalism is a concentration under the curriculum title of Photographic Technology. This curriculum provides in-depth coverage of professional photojournalism as it is currently practiced at newspapers and magazines.

Students will receive practical comprehensive instruction in the logistics and techniques of photojournalism. Courses include detailed study of photography of news, sports, and features; computer-based layout and design; legal and ethical issues. Newspaper internships provide on-the-job training.

Graduates should be thoroughly prepared to successfully perform the duties required in entry-level positions in photojournalism.

PHOTOGRAPHIC TECHNOLOGY PHOTOJOURNALISM CONCENTRATION - DAY

Curriculum By Semesters - Degree

		Hours/Week			Sem. Hrs.
		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
General Education Courses (required)					
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 115	Mathematical Models (g)	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
ART 115	Art History Survey II	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 120	Cultural Studies	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

COE 112	Cooperative Work Experience I	0	0	20	2
COE 122	Cooperative Work Experience II	0	0	20	2
JOU 120	Journalism/Theory & Production	2	2	0	3
PHO 110	Fundamentals of Photography (c)	3	6	0	5
PHO 111	Photographic Correction & Finishing I	0	3	0	1
PHO 112	Design Laboratory I	0	3	0	1
PHO 121	Photographic Correction & Finishing II	0	3	0	1
PHO 122	Design Laboratory II	0	3	0	1
PHO 123	Large-Format Photography I	1	3	0	2
PHO 125	Basic Object Lighting	0	3	0	1
PHO 126	Basic Portrait Lighting	0	3	0	1
PHO 127	Photographic Materials/Processes	4	0	0	4
PHO 127A	Photographic Materials/Processes Lab	0	3	0	1
PHO 132	Small-Format Photography	2	6	0	4
PHO 133	Large-Format Photography II	1	3	0	2
PHO 134	Custom Color Printing	1	2	0	2
PHO 135	Product Lighting	0	3	0	1
PHO 139	Introduction to Digital Imaging	1	3	0	2
PHO 217	Photojournalism I	1	6	0	4
PHO 224	Multimedia Production	2	3	0	3
PHO 227	Photojournalism II	2	12	0	8
PHO 232	Photojournalism Portfolio Preparation	0	6	0	2
PHO 241	Digital Image Technology	2	3	0	3

TOTAL SEMESTER HOURS CREDIT: 71

■ **Photographic Technology**

Portrait Studio Management Concentration

[A3028D] Associate in Applied Science Degree (Day)

Portrait Studio Management is a concentration under the curriculum title of Photographic Technology. This curriculum prepares individuals with the techniques and procedures used in professional portraiture.

Course work includes equipment operations and photographic techniques specific to studio and location portraiture of individuals and groups. Additional topics covered include wedding protocol and logistics, posing, business practices, retouching, presentation, and studio management.

Graduates should be thoroughly prepared to successfully perform the duties required in entry-level portrait studio management.

PHOTOGRAPHIC TECHNOLOGY

PORTRAIT STUDIO MANAGEMENT CONCENTRATION – DAY

Curriculum By Semesters - Degree

		<u>Hours/Week</u>			<u>Sem. Hrs.</u>
General Education Courses (required)		<u>Class</u>	<u>Lab</u>	<u>Wk. Exp.</u>	<u>Credit</u>
ENG 111	Expository Writing	3	0	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MAT 115	Mathematical Models (g)	2	2	0	3
Humanities/Fine Arts (3 Semester Hours Credit - select one)					
ART 111	Art Appreciation	3	0	0	3
ART 114	Art History Survey I	3	0	0	3
DRA 111	Theatre Appreciation	3	0	0	3
ENG 131	Introduction to Literature	3	0	0	3
ENG 231	American Literature I	3	0	0	3
ENG 232	American Literature II	3	0	0	3
ENG 241	British Literature I	3	0	0	3
ENG 242	British Literature II	3	0	0	3
HUM 110	Technology & Society	3	0	0	3
HUM 121	The Nature of America	3	0	0	3
HUM 122	Southern Culture	3	0	0	3
HUM 160	Introduction to Film	2	2	0	3
MUS 110	Music Appreciation	3	0	0	3
PHI 210	History of Philosophy	3	0	0	3
PHI 215	Philosophical Issues	3	0	0	3
PHI 240	Introduction to Ethics	3	0	0	3
REL 110	World Religions	3	0	0	3
REL 211	Intro to Old Testament	3	0	0	3
REL 212	Intro to New Testament	3	0	0	3
SPA 111	Elementary Spanish I	3	0	0	3
SPA 112	Elementary Spanish II	3	0	0	3

Social/Behavioral Sciences (3 Semester Hours Credit - select one)

ANT 210	General Anthropology	3	0	0	3
ANT 220	Cultural Anthropology	3	0	0	3
ECO 151	Survey of Economics	3	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	3
ECO 252	Principles of Microeconomics	3	0	0	3
HIS 121	Western Civilization I	3	0	0	3
HIS 122	Western Civilization II	3	0	0	3
HIS 131	American History I	3	0	0	3
HIS 132	American History II	3	0	0	3
POL 120	American Government	3	0	0	3
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	3
SOC 220	Social Problems	3	0	0	3

Major Courses (required)

COE 112	Cooperative Work Experience I	0	0	20	2
PHO 110	Fundamentals of Photography	3	6	0	5
PHO 111	Photographic Correction & Finishing I	0	3	0	1
PHO 112	Design Laboratory I	0	3	0	1
PHO 121	Photographic Correction & Finishing II	0	3	0	1
PHO 122	Design Laboratory II	0	3	0	1
PHO 123	Large-Format Photography I	1	3	0	2
PHO 125	Basic Object Lighting	0	3	0	1
PHO 126	Basic Portrait Lighting	0	3	0	1
PHO 127	Photographic Materials/Processes	4	0	0	4
PHO 127A	Photographic Materials/Processes Lab	0	3	0	1
PHO 132	Small-Format Photography	2	6	0	4
PHO 133	Large-Format Photography II	1	3	0	2
PHO 134	Custom Color Printing	1	2	0	2
PHO 135	Product Lighting	0	3	0	1
PHO 139	Introduction to Digital Imaging	1	3	0	2
PHO 210	Professional Wedding Photography	1	6	0	3
PHO 211	Professional Portraiture I	2	12	0	8
PHO 221	Professional Portraiture II	1	8	0	5
PHO 224	Multimedia Production	2	3	0	3
PHO 228	Advanced Correction & Finishing	1	3	0	2
PHO 233	Portrait Portfolio Preparation	0	6	0	2
PHO 241	Digital Image Technology	2	3	0	3

TOTAL SEMESTER HOURS CREDIT: 72