

The Nurse Aide curriculum prepares individuals to work under the supervision of licensed nursing professionals in performing nursing care and services for persons of all ages. Topics include growth and development, 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. Upon completion, the student may be eligible for listing as a Nurse Aide I and other selected Nurse Aide registries as determined by the local program of study.

TB Screening, and Vaccinations required 2 weeks prior to first day of class.

Clinical Affiliation Requirements: The contract between CCCC and a clinical agency requires that the college abide by the existing rules and regulations of the agency. The college follows agency protocol regarding drug screening and criminal background checks. Clinical contracts require that every student submit to and complete a medical form through own healthcare provider and a multi-state criminal background check and urine drug screen through designated vendors. If a clinical site denies a student clinical affiliation due to results of either of these requirements, the student will not be able to meet the program/course requirements and progression in the program will be limited.

Program Length: 3 semesters
 Career Pathway Options: Nurse Aide Certificate; Practical Nursing Diploma; Associate in Applied Science Degree in Associate Degree Nursing
 Program Sites: Lee Campus—Day/Evening/Weekend

Course Requirements for Therapeutic and Diagnostic Services Nurse Aide Diploma:

I. General Education Courses (15 SHC) C-L-CI-SHC

ENG 111	Writing and Inquiry	3-0-0-3
HUM 115	Critical Thinking	3-0-0-3
*English Requirement-Select One:		
ENG 112	Writing/Research in the Disc	3-0-0-3
ENG 114	Professional Research and Reporting	3-0-0-3
*English Requirement-Select One:		
ENG 231	American Literature I	3-0-0-3
ENG 232	American Literature II	3-0-0-3
*History Requirement-Select One:		
HIS 111	World Civilizations I	3-0-0-3
HIS 131	American History I	3-0-0-3

II. Major Hours (30 SHC)

A. Technical Core (3 SHC)		
HSC 110	Orientation to Health Careers	1-0-0-1
HEA 112	First Aid & CPR	1-2-0-2
B. Program Major Hours (12 SHC)		
NAS 101	Nursing Aide I	3-4-3-6

NAS 102	Nursing Aide II	3-2-6-6
C. Other Major Hours (15 SHC)		
SOC 240	Social Psychology	3-0-0-3
BIO 165	Anatomy and Physiology I	3-3-0-4
BIO 166	Anatomy and Physiology II	3-3-0-4
CHM 130	Gen, Org & Biochemistry	3-0-0-3
CHM 130a	Gen, Org & Biochemistry Lab	0-2-0-1

III. Other Required Hours (1 SHC)

*Student Success – Select One		
ACA 111	College Student Success	1-0-0-1
ACA 115	Success and Study Skills	0-2-0-1
ACA 122	College Transfer Success	1-0-0-1

Total Semester Hours Credit Required for Graduation: 46

Arts and Sciences (College Transfer)

Associate in Arts (AA)

Credential: Associate in Arts Degree A1010000

The Associate in Arts degree allows students to earn a minimum of 60 semester hours of credit (SHC) of college transfer courses in and offers opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic computer use. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). The CAA enables North Carolina community college graduates of two-year associate in arts programs who are admitted to constituent institutions of The University of North Carolina to transfer with junior status.

Graduates must obtain a grade of “C” or better in each course and an overall GPA of at least 2.0 on a 4.0 scale in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions.

Program Length: 4 semesters
 Career Pathway Options: Associate in Arts Degree, Baccalaureate Degree at a Senior Institution
 Program Sites:
 Lee Campus – Day, 1st and 2nd Year, Evening, 1st and 2nd Year
 Chatham Campus – Day, 1st and 2nd Year, Evening, 1st and 2nd Year
 Harnett Campus – Day, 1st and 2nd Year, Evening, Selected Courses
 Distance Education - 1st and 2nd Year - All Campuses

Course Requirements for Associate in Arts Degree

I. Universal General Education Transfer Component (UGETC) 31-32 SHC		
A. English Composition (6 SHC) C-L-CR		
ENG 111	Writing and Inquiry	3-0-3
ENG 112	Writing and Research in the Disciplines	3-0-3

B. Humanities/Fine Arts/Communication (9 SHC)

Select courses from at least two of the following discipline areas: art, communications, music, literature, and philosophy. At least one course must be a literature course.

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
COM 231	Public Speaking	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
MUS 110	Music Appreciation	3-0-3
MUS 112	Introduction to Jazz	3-0-3
PHI 215	Philosophical Issues	3-0-3
PHI 240	Introduction to Ethics	3-0-3

C. Social and Behavioral Sciences (9 SHC)

Select courses from two of the following discipline areas: economics, history, political science, psychology, and sociology. At least one course must be a history course.

ECO 251	Principles of Microeconomics	3-0-3
ECO 252	Principles of Macroeconomics	3-0-3
HIS 111	World Civilizations I	3-0-3
HIS 112	World Civilizations II	3-0-3
HIS 131	American History I	3-0-3
HIS 132	American History II	3-0-3
POL 120	American Government	3-0-3
PSY 150	General Psychology	3-0-3
SOC 210	Introduction to Sociology	3-0-3

D. Natural Sciences (4 SHC)

Select one course, including accompanying/integrated laboratory work, from among the biological and physical science disciplines.

AST 111	Descriptive Astronomy	3-0-3
AST 111A	Descriptive Astronomy Lab	0-2-1
AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
BIO 110	Principles of Biology	3-3-4
BIO 111	General Biology I	3-3-4
CHM 151	General Chemistry I	3-3-4
GEL 111	Introductory Geology	3-2-4
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1

E. Mathematics (3-4 SHC)

Select one course in introductory mathematics.

MAT 143	Quantitative Literacy	2-2-3
MAT 152	Statistical Methods I	3-2-4
MAT 171	Precalculus Algebra	3-2-4

II. Additional General Education Hours (14 SHC)

Select additional courses from UGETC courses listed above or from the courses classified as General Education courses in the NCCCS Combined Course Library. Students are advised to select courses based on intended major and senior institution.

ANT 210	General Anthropology	3-0-3
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BIO 120	Introductory Botany	3-3-4
BIO 130	Introductory Zoology	3-3-4
BIO 140	Environmental Biology	3-0-3
BIO 140A	Environmental Biology Lab	0-3-1
CHI 111	Elementary Chinese I	3-0-3
CHI 112	Elementary Chinese II	3-0-3
CHI 211	Intermediate Chinese I	3-0-3
CHI 212	Intermediate Chinese II	3-0-3
CHM 131	Introduction to Chemistry	3-0-3
CHM 131A	Introduction to Chemistry Lab	0-3-1
CHM 132	Organic and Biochemistry	3-3-4
CHM 152	General Chemistry II	3-3-4
CIS 110	Introduction to Computers	2-2-3
CIS 115	Introduction to Programming and Logic	2-2-3
COM 110	Introduction to Communication	3-0-3
COM 120	Interpersonal Communication	3-0-3
COM 140	Intro to Intercultural Communication	3-0-3
DRA 111	Theatre Appreciation	3-0-3
ECO 151	Survey of Economics	3-0-3
ENG 113	Literature-Based Research	3-0-3
ENG 114	Prof Research and Reporting	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 261	World Literature I	3-0-3
ENG 262	World Literature II	3-0-3
GEL 230	Environmental Geology	3-2-4
HIS 121	Western Civilization I	3-0-3
HIS 122	Western Civilization II	3-0-3
HUM 110	Technology and Society	3-0-3
HUM 115	Critical Thinking	3-0-3
HUM 120	Cultural Studies	3-0-3
HUM 122	Southern Culture	3-0-3
HUM 150	American Women's Studies	3-0-3
HUM 160	Introduction to Film	2-2-3
HUM 211	Humanities I	3-0-3
HUM 220	Human Values and Meaning	3-0-3
MAT 172	Precalculus Trigonometry	3-0-3
MAT 263	Brief Calculus	3-0-3
MAT 271	Calculus I	3-2-4
MAT 272	Calculus II	3-2-4
MAT 273	Calculus III	3-2-4
PHI 210	History of Philosophy	3-0-3
PHI 230	Introduction to Logic	3-0-3
PHY 151	College Physics I	3-2-4
PHY 152	College Physics II	3-2-4
PHY 251	General Physics I	3-3-4
PHY 252	General Physics II	3-3-4
PSY 237	Social Psychology	3-0-3
PSY 241	Developmental Psychology	3-0-3
PSY 281	Abnormal Psychology	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
SOC 213	Sociology of the Family	3-0-3
SOC 220	Social Problems	3-0-3
SOC 225	Social Diversity	3-0-3
SOC 240	Social Psychology	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

III. Other Required Hours (15 SHC)

In addition to ACA 122 and 2 SHC of PED, 12 SHC can be selected from the UGETC and General Education courses listed above and any courses classified Pre-Major/Elective (listed below) in the Comprehensive Articulation Agreement. Students are advised to select courses based on intended major and senior institution requirements. Students must meet the receiving university's foreign language, health and physical education requirements, if applicable, prior to or after transfer to the senior institution. Students need to complete two courses in foreign language if two semesters or more if a foreign language was not taken in high school.

ACA 122	College Transfer Success	1-0-1
ACC 120	Principles of Financial Accounting	3-2-4
ACC 121	Principles of Managerial Accounting	3-2-4
ART 121	Design I	0-6-3
ART 122	Design II	0-6-3
ART 131	Drawing I	0-6-3
ART 132	Drawing II	0-6-3
ART 214	Portfolio and Resume	0-2-1
ART 231	Printmaking I	0-6-3
ART 232	Printmaking II	0-6-3
ART 240	Painting I	0-6-3
ART 241	Painting II	0-6-3
ART 281	Sculpture I	0-6-3
ART 282	Sculpture II	0-6-3
ART 283	Ceramics I	0-6-3
ART 284	Ceramics II	0-6-3
BIO 155	Nutrition	3-0-3
BIO 163	Basic Anatomy and Physiology	4-2-5
BIO 165	Anatomy and Physiology I	3-3-4
BIO 166	Anatomy and Physiology II	3-3-4
BIO 168	Anatomy and Physiology I	3-3-4
BIO 169	Anatomy and Physiology II	3-3-4
BIO 175	General Microbiology	2-2-3
BIO 176	Advanced General Microbiology	1-2-2
BIO 180	Biological Chemistry	2-2-3
BIO 265	Cell Biology	3-3-4
BIO 271	Pathophysiology	3-0-3
BIO 275	Microbiology	3-3-4
BIO 280	Biotechnology	2-2-3
BUS 110	Introduction to Business	3-0-3
BUS 115	Business Law I	3-0-3
BUS 137	Principles of Management	3-0-3
CHM 130	General, Organic and Biochemistry	3-0-3
CHM 130A	General, Organic, and Biochemistry Lab	0-2-1
CHM 251	Organic Chemistry I	3-3-4
CHM 252	Organic Chemistry II	3-3-4
CJC 111	Introduction to Criminal Justice	3-0-3
CJC 121	Law Enforcement Operations	3-0-3
CJC 141	Corrections	3-0-3
COM 130	Nonverbal Communication	3-0-3

CSC 134	C++ Programming	2-3-3
CSC 139	Visual BASIC Programming	2-3-3
CSC 151	JAVA Programming	2-3-3
DRA 124	Readers Theatre	3-0-3
DRA 130	Acting I	0-6-3
DRA 131	Acting II	0-6-3
DRA 140	Stagecraft I	0-6-3
DRA 141	Stagecraft II	0-6-3
DRA 145	Stage Makeup	1-2-2
DRA 170	Play Production I	0-9-3
DRA 171	Play Production II	0-9-3
DRA 260	Directing	0-6-3
DRA 270	Play Production III	0-9-3
DRA 271	Play Production IV	0-9-3
EGR 150	Intro to Engineering	1-2-2
EGR 220	Engineering Statics	3-0-3
ENG 125	Creative Writing I	3-0-3
ENG 126	Creative Writing II	3-0-3
ENG 273	African American Literature	3-0-3
HEA 110	Personal Health and Wellness	3-0-3
HEA 112	First Aid & CPR	1-2-2
HIS 222	African-American History I	3-0-3
HIS 223	African-American History II	3-0-3
HIS 226	The Civil War	3-0-3
HIS 236	North Carolina History	3-0-3
MAT 285	Differential Equations	3-0-3
PED 110	Fit and 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 117	Weight Training I	0-3-1
PED 118	Weight Training II	0-3-1
PED 121	Walk, Jog, Run	0-3-1
PED 128	Golf-Beginning	0-2-1
PED 130	Tennis-Beginning	0-2-1
PED 139	Bowling-Beginning	0-2-1
PED 143	Volleyball-Beginning	0-2-1
PED 145	Basketball-Beginning	0-2-1
PED 219	Disc Golf	0-2-1
PHS 110	Survey of Physical Science	3-2-4
POL 130	State and Local Government	3-0-3
PSY 246	Adolescent Psychology	3-0-3
SOC 215	Group Processes	3-0-3
SOC 232	Social Context of Aging	3-0-3
SPA 141	Culture and Civilization	3-0-3
WBL 111	Work-Based Learning I	0-10-1

Total Semester Credit Hours Required for Degree: 60/61 SHC

Associate in Fine Arts (AFA)**Credential: Associate in Fine Arts Degree
A1020000**

The course work in the Associate in Fine Arts program includes literature, humanities, social/behavioral science, mathematics, and natural science. Graduates should possess a sound fundamental knowledge of the fine arts and basic experience in practicing the fine arts. The Associate in Fine Arts program focuses heavily on the fine arts and is recommended for those who plan to continue a Bachelor of Fine Arts degree program. Two concentrations are offered: Focus in Art and Focus in Drama.

The Associate in Fine Arts program is comprised of courses approved for transfer through the Comprehensive Articulation Agreement between the North Carolina Community College System and the University of North Carolina system. Courses may also transfer through bilateral agreements between institutions. Courses offered through bilateral agreements may not transfer to all receiving institutions. Upon completion of the program, the student will receive an Associate in Fine Arts degree.

Program Length: 4 semesters

Career Pathway Options: Associate in Fine Arts Degree;
Baccalaureate Degree at a Senior Institution

Program Sites: Chatham Campus, Day, 1st and 2nd Year

Course Requirements for Associate in Fine Arts:

General Education (28 SHC)

* Indicates a Universal General Education Transfer

Component course

A. Composition (6 SHC)	C-L-CR
ENG 111 * Writing and Inquiry	3-0-3
ENG 112 * Writing and Research in the Disciplines	3-0-3

B. Humanities/Fine Arts (6 SHC)

Select courses from at least two of the following discipline areas: art, interdisciplinary humanities, literature, music, philosophy, and religion. One course must be a literature course. Speech/communication may not substitute for the literature requirement.

ART 111* Art Appreciation	3-0-3
ART 117 Non-Western Art History	3-0-3
DRA 111 Theatre Appreciation	3-0-3
DRA 112 Literature of the Theatre	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 261 World Literature I	3-0-3
ENG 262 World Literature II	3-0-3
HUM 110 Technology and Society	3-0-3

HUM 115	Critical Thinking	3-0-3
HUM 120	Cultural Studies	3-0-3
HUM 122	Southern Culture	3-0-3
HUM 150	American Women's Studies	3-0-3
HUM 160	Introduction to Film	2-2-3
HUM 211	Humanities I	3-0-3
HUM 220	Human Values and Meaning	3-0-3
MUS 110*	Music Appreciation	3-0-3
MUS 112*	Introduction to Jazz	3-0-3
PHI 210	History of Philosophy	3-0-3
PHI 215*	Philosophical Issues	3-0-3
PHI 230	Introduction to Logic	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

C. Social and Behavioral Sciences (9 SHC)

Select three courses from the following discipline areas: anthropology, economics, History, political science, psychology, and sociology. One course must be a History course.

ANT 210	General Anthropology	3-0-3
ANT 220	Cultural Anthropology	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
GEO 111	World Regional Geography	3-0-3
HIS 111*	World Civilizations I	3-0-3
HIS 112*	World Civilizations II	3-0-3
HIS 115	Intro to Global History	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 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
SOC 225	Social Diversity	3-0-3
SOC 240	Social Psychology	3-0-3

D. Natural Sciences (4 SHC)

Select one course, including accompanying/integrated laboratory work, from among the biological and physical science disciplines.

AST 111*	Descriptive Astronomy	3-0-3
AST 111A*	Descriptive Astronomy Lab	0-2-1
AST 151*	General Astronomy I	3-0-3
AST 151A*	General Astronomy I Lab	0-2-1
BIO 110*	Principles of Biology	3-3-4
BIO 111*	General Biology I	3-3-4
BIO 112*	General Biology II	3-3-4

BIO 120	Introductory Botany	3-3-4
BIO 130	Introductory Zoology	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 and Biochemistry	3-3-4
CHM 151*	General Chemistry I	3-3-4
CHM 152*	General Chemistry II	3-3-4
GEL 111*	Introductory Geology	3-2-4
GEL 113	Historical Geology	3-2-4
GEL 230	Environmental Geology	3-2-4
PHY 110*	Conceptual Physics	3-0-3
PHY 110A*	Conceptual Physics Lab	0-2-1
PHY 151*	College Physics I	3-2-4
PHY 152*	College Physics II	3-2-4
PHY 251*	General Physics I	3-3-4
PHY 252*	General Physics II	3-3-4

Electives: (Select a minimum of 21 SHC)		
ART 121	Design I	0-6-3
DRA 112	Literature of the Theatre	3-0-3
DRA 124	Readers Theatre	3-0-3
DRA 131	Acting II	0-6-3
DRA 141	Stagecraft II	0-6-3
DRA 211	Theatre History I	3-0-3
DRA 260	Directing	0-6-3
DRA 271	Play Production IV	<u>0-9-3</u>
		21 SHC

Student Success (1 SHC)		
ACA 122	College Transfer Success	1-0-1

Total Semester Credit Hours Required for Degree: 65/66 SHC

E. Mathematics (3-4 SHC)

Select one course in mathematics.

MAT 143*	Quantitative Literacy	2-2-3
MAT 152*	Statistical Methods I	3-2-4
MAT 171*	Precalculus Algebra	3-2-4
MAT 172*	Precalculus Trigonometry	3-2-4
MAT 263*	Brief Calculus	3-2-4
MAT 271*	Calculus I	3-2-4
MAT 272	Calculus II	3-2-4
MAT 273	Calculus III	3-2-4

Other Required Hours (37-38 SHC)

Focus in Art

Required Courses (16 SHC)		
CI-L-SHC		
ART 114*	Art History Survey I	3-0-3
ART 115*	Art History Survey II	3-0-3
ART 121	Design I	0-6-3
ART 122	Design II	0-6-3
ART 131	Drawing I	0-6-3
ART 214	Portfolio and Résumé	<u>0-2-1</u>
		6-20-16

Electives: (Select a minimum of 21 SHC)

ART 132	Drawing II	0-6-3
ART 231	Printmaking I	0-6-3
ART 232	Printmaking II	0-6-3
ART 240	Painting I	0-6-3
ART 241	Painting II	0-6-3
ART 281	Sculpture I	0-6-3
ART 282	Sculpture II	0-6-3
ART 283	Ceramics I	0-6-3
ART 284	Ceramics II	<u>0-6-3</u>
		21 SHC

Focus in Drama

Required Courses (15 SHC)		
CI-L-SHC		
DRA 130	Acting I	0-6-3
DRA 140	Stagecraft I	0-6-3
DRA 170	Play Production I	0-9-3
DRA 171	Play Production II	0-9-3
DRA 270	Play Production III	<u>0-9-3</u>
		0-39-15

**Arts and Sciences (College Transfer)
Associate in General Education (AGE)
Credential: Associate in General Education
Degree
A1030000**

The Associate in General Education degree is designed for the academic enrichment of students who wish to broaden their education, with emphasis on personal interest, growth and development.

Course work includes study in the areas of humanities and fine arts, social and behavioral sciences, natural sciences and mathematics, and English composition. Opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and the basic use of computers will be provided.

Through these skills, students will have a sound base for lifelong learning. The addition of other major hours within the program of study provides students with the opportunity to enjoy progressive advancement in a field of study, the integration of knowledge, and growth in critical skills. Graduates are prepared for advancements within their field of interest and become better qualified for a wide range of employment opportunities. Students who decide to continue their studies at a senior institution may receive transfer credit for many of the general education courses taken. Acceptance of courses for transfer credit will be evaluated on a course-by course basis by the receiving institution.

Program Length: 4 semesters

Career Pathway Options: Associate in General Education Degree

Program Sites:

Lee Campus – Day, 1st and 2nd Year, Evening, 1st and 2nd Year

Chatham Campus – Day, 1st and 2nd Year, Evening, 1st and 2nd Year

Harnett Campus – Day, 1st and 2nd Year, Evening, 1st and 2nd Year

Distance Education - 1st and 2nd Year - All Campuses

Course Requirements for Associate General Education Degree

I. General Education (44 SHC)

A. English Composition (6 SHC)

ENG 111	Writing and Inquiry and	C-L-CR 3-0-3
ENG 112	Writing/Research in the Disciplines OR	3-0-3
ENG 113	Literature-Based Research OR	3-0-3
ENG 114	Professional Research and Reporting	3-0-3

B. Humanities/Fine Arts (3 SHC)

Select **one** course from A.G.E approved humanities and fine arts general education courses in the following areas:

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
ART 117	Non-Western Art Survey	3-0-3
CHI 111	Elementary Chinese I	3-0-3
CHI 112	Elementary Chinese II	3-0-3
CHI 211	Intermediate Chinese I	3-0-3
CHI 212	Intermediate Chinese II	3-0-3
COM 110	Introduction to Communication	3-0-3
COM 120	Interpersonal Communication	3-0-3
COM 231	Public Speaking	3-0-3
DRA 111	Theatre Appreciation	3-0-3
DRA 112	Literature of the Theatre	3-0-3
DRA 211	Theatre History I	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 261	World Literature I	3-0-3
ENG 262	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 and Society	3-0-3
HUM 115	Critical Thinking	3-0-3
HUM 120	Cultural Studies	3-0-3
HUM 122	Southern 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 and Meaning	3-0-3
MUS 110*	Music Appreciation	3-0-3
MUS 112*	Introduction to Jazz	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
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

C. Social and Behavioral Sciences (3 SHC)

Select **one** course from the A.G.E. approved social and behavioral sciences general education courses in the following areas: anthropology (ANT), economics (ECO), geography (GEO), history (HIS), political science (POL), psychology (PSY), and sociology (SOC).

ANT 210	General Anthropology	3-0-3
ANT 220	Cultural Anthropology	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
GEO 111	World Regional Geography	3-0-3
HIS 111*	World Civilizations I	3-0-3

HIS 112*	World Civilizations II	3-0-3
HIS 115	Introduction to Global History	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 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
SOC 225	Social Diversity	3-0-3
SOC 240	Social Psychology	3-0-3

D. Natural Sciences (4 SHC)

Select **one** course from the approved general education core in the following areas:

AST 111*	Descriptive Astronomy	3-0-3
AST 111A*	Descriptive Astronomy Lab	0-2-1
AST 151*	General Astronomy I	3-0-3
AST 151A*	General Astronomy I Lab	0-2-1
BIO 110*	Principles of Biology	3-3-4
BIO 111*	General Biology I	3-3-4
BIO 112*	General Biology II	3-3-4
BIO 120	Introductory Botany	3-3-4
BIO 130	Introductory Zoology	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 151*	General Chemistry I	3-3-4
CHM 152*	General Chemistry II	3-3-4
GEL 111	Introductory Geology	3-2-4
GEL 113	Historical Geology	3-2-4
PHY 110*	Conceptual Physics	3-0-3
PHY 110A*	Conceptual Physics Lab	0-2-1
PHY 151*	College Physics I	3-2-4
PHY 152*	College Physics II	3-2-4
PHY 251*	General Physics I	3-3-4
PHY 252*	General Physics II	3-3-4

E. Mathematics (6 SHC)

Select at least one course in introductory mathematics; the other unit may be selected from other quantitative subjects, such as computer science and statistics.

CIS 110	Introduction to Computers	2-2-3
CIS 115	Introduction to Programming and Logic	2-2-3
MAT 143*	Quantitative Literacy	2-2-3
MAT 152*	Statistical Methods I	3-2-4
MAT 171*	Precalculus Algebra	3-0-3
MAT 172*	Precalculus Trigonometry	3-0-3
MAT 263*	Brief Calculus	3-0-3
MAT 271*	Calculus I	3-2-4
MAT 272	Calculus II	3-2-4

MAT 273	Calculus III	3-2-4
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II. Other Major Hours Required for Graduation (49-50 SHC)*

Select **49-50 SHC** from any college level course published in the Central Carolina Community College catalog numbered 100 or above, except those with a WBL prefix. In selecting courses in this category, students are advised to follow course sequences within one or more disciplines that allow for progressive advancement in a field of study, the integration of knowledge, and growth in critical skills. Students must satisfy all prerequisite requirements specified for a course and a maximum of 7 SHC in health, physical education, college orientation, and/or study skills may be used. Course prefixes found in the CCCC catalog that qualify for Other Major Hours include:

ACA	ACC	AGR	AHR	ALT	ANS
ANT	ARC	ARS	ART	AST	AUB
AUT	BAR	BIO	BPR	BPT	
BUS	CAB	CAR	CET	CHM	CHI
CIS	CJC	CMT	COM	COS	CSC
CST	CTS	CUL	DBA	DDF	DEN
DFT	DME	DRA	ECO	EDU	EGR
ELC	ELN	ENG	ENV	FRE	FST
GEL	GEO	HBI	HEA	HIS	HOR
HSE	HUM	HYD	INT	ISC	LEO
LEX	LIB	MAC	MAS	MAT	MCM
MEC	MED	MKT	MNT	MUS	NET
NOS	NUR	NUT	OMT	OST	PCC
PCD	PCI	PCS	PED	PHI	PHY
PME	POL	PSY	PTC	REL	SAB
SEC	SOC	SPA	SRV	SST	TCT
TEL	TRN	VET	WEB	WLD	

Associate in Science (AS)**Credential: Associate in Science Degree
A1040000**

The Associate in Arts degree allows students to earn a minimum of 60 semester hours of credit (SHC) of college transfer courses in and offers opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic computer use. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). The CAA enables North Carolina community college graduates of two-year associate in arts programs who are admitted to constituent institutions of The University of North Carolina to transfer with junior status.

Graduates must obtain a grade of “C” or better in each course and an overall GPA of at least 2.0 on a 4.0 scale in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions.

Program Length: 4 semesters

Career Pathway Options: Associate in Arts Degree,
Baccalaureate Degree at a Senior Institution

Program Sites:

Lee Campus – Day, 1st and 2nd Year, Evening, 1st Year
and selected courses in 2nd Year

Chatham Campus – Day, Evening, 1st Year and selected
courses in 2nd Year

Harnett Campus – Day, Evening, 1st Year and selected
courses in 2nd Year

Distance Education - 1st Year and selected courses in 2nd
Year - All Campuses

Course Requirements for Associate in Science Degree

I. Universal General Education Transfer Component
(UGETC) 34 SHC

A. Composition (6 SHC)

C-L-CR

ENG 111	Writing and Inquiry	3-0-3
ENG 112	Writing and Research in the Disciplines	3-0-3

B. Humanities/Fine Arts/Communication (6 SHC)

Select courses from two of the following discipline areas:

art, communications, music, literature, and philosophy.

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
COM 231	Public Speaking	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
MUS 110	Music Appreciation	3-0-3
MUS 112	Introduction to Jazz	3-0-3
PHI 215	Philosophical Issues	3-0-3
PHI 240	Introduction to Ethics	3-0-3

C. Social and Behavioral Sciences (6 SHC)

Select courses from two of the following discipline areas:

economics, history, political science, psychology, and sociology. One course must be a history course.

ECO 251	Principles of Microeconomics	3-0-3
ECO 252	Principles of Macroeconomics	3-0-3
HIS 111	World Civilizations I	3-0-3
HIS 112	World Civilizations II	3-0-3
HIS 131	American History I	3-0-3
HIS 132	American History II	3-0-3
POL 120	American Government	3-0-3
PSY 150	General Psychology	3-0-3
SOC 210	Introduction to Sociology	3-0-3

D. Natural Sciences (8 SHC)

Select a two-semester course sequence (strongly recommended) in general biology, general chemistry or general physics (a-d) or a pair of the one-semester course combinations listed below (e-j). All courses must have a lab component.

a. BIO 111	General Biology I	3-3-4
BIO 112	General Biology II	3-3-4
b. CHM 151	General Chemistry I	3-3-4
CHM 152	General Chemistry II	3-3-4
c. PHY 151	College Physics I	3-2-4
PHY 152	College Physics II	3-2-4
d. PHY 251	General Physics I	3-3-4
PHY 252	General Physics II	3-3-4
e. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
BIO 110	Principles of Biology	3-3-4
f. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
GEL 111	Introductory Geology	3-2-4
g. AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy I Lab	0-2-1
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1
h. BIO 110	Principles of Biology	3-3-4
GEL 111	Introductory Geology	3-2-4
i. BIO 110	Principles of Biology	3-3-4
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1
j. GEL 111	Introductory Geology	3-2-4
PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics Lab	0-2-1

E. Mathematics (8 SHC)

Select two courses in mathematics.

MAT 171	Precalculus Algebra	3-2-4
MAT 172	Precalculus Trigonometry	3-2-4
MAT 263	Brief Calculus	3-2-4
MAT 271	Calculus I	3-2-4

II. Additional General Education Hours (11 SHC)

Select additional courses from UGETC courses listed above or from the courses classified as General Education courses in the NCCCS Combined Course Library. Students are advised to select courses based on intended major and senior institution.

ANT 210	General Anthropology	3-0-3
BIO 120	Introductory Botany	3-3-4
BIO 130	Introductory Zoology	3-3-4
BIO 140	Environmental Biology	3-0-3
BIO 140A	Environmental Biology Lab	0-3-1
CHI 111	Elementary Chinese I	3-0-3
CHI 112	Elementary Chinese II	3-0-3
CHI 211	Intermediate Chinese I	3-0-3
CHI 212	Intermediate Chinese II	3-0-3
CHM 131	Introduction to Chemistry	3-0-3
CHM 131A	Introduction to Chemistry Lab	0-3-1
CHM 132	Organic and Biochemistry	3-3-4
CIS 110	Introduction to Computers	2-2-3
CIS 115	Introduction to Programming and Logic	2-2-3
COM 110	Introduction to Communication	3-0-3
COM 120	Interpersonal Communication	3-0-3
COM 140	Intro to Intercultural Communication	3-0-3
DRA 111	Theatre Appreciation	3-0-3
ECO 151	Survey of Economics	3-0-3
ENG 113	Literature-Based Research	3-0-3
ENG 114	Prof Research and Reporting	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 261	World Literature I	3-0-3
ENG 262	World Literature II	3-0-3
GEL 113	Historical Geology	3-2-4
GEL 230	Environmental Geology	3-2-4
HIS 121	Western Civilization I	3-0-3
HIS 122	Western Civilization II	3-0-3
HUM 110	Technology and Society	3-0-3
HUM 115	Critical Thinking	3-0-3
HUM 120	Cultural Studies	3-0-3
HUM 122	Southern Culture	3-0-3
HUM 150	American Women's Studies	3-0-3
HUM 220	Human Values and Meaning	3-0-3
MAT 272	Calculus II	3-2-4
MAT 273	Calculus III	3-2-4
PHI 230	Introduction to Logic	3-0-3
PSY 237	Social Psychology	3-0-3
PSY 241	Developmental Psychology	3-0-3
PSY 281	Abnormal Psychology	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
SOC 225	Social Diversity	3-0-3
SOC 240	Social Psychology	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

III. Other Required Hours (15 SHC)

In addition to ACA 122 and 2 SHC of PED, 12 SHC can be selected from the UGETC and General Education courses listed above and any courses classified Pre-Major/Elective (listed below) in the Comprehensive Articulation

Agreement. Students are advised to select courses based on intended major and senior institution requirements. Students must meet the receiving university's foreign language, health and physical education requirements, if applicable, prior to or after transfer to the senior institution. Students need to complete two courses in foreign language if two semesters or more if a foreign language was not taken in high school.

ACA 122	College Transfer Success	1-0-1
ACC 120	Principles of Financial Accounting	3-2-4
ACC 121	Principles of Managerial Accounting	3-2-4
ART 121	Design I	0-6-3
ART 122	Design II	0-6-3
ART 131	Drawing I	0-6-3
ART 132	Drawing II	0-6-3
ART 214	Portfolio and Resume	0-2-1
ART 231	Printmaking I	0-6-3
ART 232	Printmaking II	0-6-3
ART 240	Painting I	0-6-3
ART 241	Painting II	0-6-3
ART 281	Sculpture I	0-6-3
ART 282	Sculpture II	0-6-3
ART 283	Ceramics I	0-6-3
ART 284	Ceramics II	0-6-3
BIO 155	Nutrition	3-0-3
BIO 163	Basic Anatomy and Physiology	4-2-5
BIO 165	Anatomy and Physiology I	3-3-4
BIO 166	Anatomy and Physiology II	3-3-4
BIO 168	Anatomy and Physiology I	3-3-4
BIO 169	Anatomy and Physiology II	3-3-4
BIO 175	General Microbiology	2-2-3
BIO 180	Biological Chemistry	2-2-3
BIO 265	Cell Biology	3-3-4
BIO 271	Pathophysiology	3-0-3
BIO 275	Microbiology	3-3-4
BIO 280	Biotechnology	2-2-3
BUS 110	Introduction to Business	3-0-3
BUS 115	Business Law I	3-0-3
BUS 137	Principles of Management	3-0-3
CHM 130	General, Organic and Biochemistry	3-0-3
CHM 130A	General, Organic, and Biochemistry Lab	0-2-1
CHM 251	Organic Chemistry I	3-3-4
CHM 252	Organic Chemistry II	3-3-4
CJC 111	Introduction to Criminal Justice	3-0-3
CJC 121	Law Enforcement Operations	3-0-3
CJC 141	Corrections	3-0-3
COM 130	Nonverbal Communication	3-0-3
CSC 134	C++ Programming	2-3-3
CSC 139	Visual BASIC Programming	2-3-3
CSC 151	JAVA Programming	2-3-3
CTS 115	Info Sys Business Concepts	3-0-3
DRA 124	Readers Theatre	3-0-3
DRA 130	Acting I	0-6-3
DRA 131	Acting II	0-6-3
DRA 140	Stagecraft I	0-6-3
DRA 170	Play Production I	0-9-3
EGR 150	Intro to Engineering	1-2-2
EGR 220	Engineering Statics	3-0-3

ENG 125	Creative Writing I	3-0-3
ENG 126	Creative Writing II	3-0-3
ENG 273	African American Literature	3-0-3
HEA 110	Personal Health and Wellness	3-0-3
HIS 222	African-American History I	3-0-3
HIS 223	African-American History II	3-0-3
HIS 226	The Civil War	3-0-3
HIS 236	North Carolina History	3-0-3
MAT 280	Linear Algebra	2-2-3
MAT 285	Differential Equations	3-0-3
PED 110	Fit and 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 117	Weight Training I	0-3-1
PED 118	Weight Training II	0-3-1
PED 121	Walk, Jog, Run	0-3-1
PED 128	Golf-Beginning	0-2-1
PED 130	Tennis-Beginning	0-2-1
PED 139	Bowling-Beginning	0-2-1
PED 143	Volleyball-Beginning	0-2-1
PED 145	Basketball-Beginning	0-2-1
PED 148	Softball	0-2-1
PED 149	Flag Football	0-2-1
PED 155	Water Aerobics	0-2-1
PED 160	Canoeing-Basic	0-2-1
PED 219	Disc Golf	0-2-1
PED 254	Coaching Basketball	1-2-2
POL 130	State and Local Government	3-0-3
PSY 246	Adolescent Psychology	3-0-3
SOC 232	Social Context of Aging	3-0-3
SPA 141	Culture and Civilization	3-0-3
WBL 111	Work-Based Learning I	0-10-1

Total Semester Credit Hours Required for Degree: 60/61 SHC

Business Technologies

Accounting

Credential: Associate in Applied Science

Degree in Accounting

A25100

The Accounting curriculum is designed to provide students with the knowledge and the 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 coursework in accounting principles, theories, and practice, students will study business law, finance, management, and economics. Related skills are developed through the study of Communication, 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.

Program Length: 4 semesters

Career Pathway Options: Associate in Applied Science Degree in Accounting

Program Sites: Lee County Campus - Day Program, Selected Evening; Distance Education

Course Requirements for Accounting Degree

A. General Education Courses (15 SHC) C-L-SHC

ENG 111	Writing and Inquiry	3-0-3
ENG 114	Professional Research and Reporting	3-0-3
	Humanities/Fine Arts Requirement	3-0-3
	Social/Behavioral Science Requirement	3-0-3

Select one course:

MAT 110	Math Measurement & Literacy	2-2-3
or		
MAT 143	Quantitative Literacy	2-2-3

B. Major Requirements (24 SHC)

ACC 120	Principles of Financial Accounting	3-2-4
ACC 121	Principles of Managerial Accounting	3-2-4
ACC 129	Individual Income Taxes	2-2-3
ACC 220	Intermediate Accounting I	3-2-4
BUS 115	Business Law I	3-0-3
CIS 110	Introduction to Computers	2-2-3

Economics Requirement—Take one course (SHC)

ECO 151	Survey of Economics	3-0-3
ECO 251	Principles of Microeconomics	3-0-3
ECO 252	Principles of Macroeconomics	3-0-3