

2. Major Requirements (minimum 49 SHC)

AAS programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate of applied science degrees up to a maximum of 8 semester hours of credit.

3. Other Requirements (0-7 SHC)

Local employer requirements, as well as college designated graduation requirements, may be accommodated in “other required hours”. Up to a maximum of 7 semester hours of credit in other required hours may be included in an AAS degree program. Any course in the Combined Course Library that is educationally relevant to the student’s career objective may be used in other required hours, as long as it is not a restricted or unique course.

Total Semester Hours Credit Required for Graduation: 64-76

Arts and Sciences (College Transfer)

Associate in Arts (AA)

Credential: Associate in Arts Degree A10100

The Associate in Arts degree allows students to earn a minimum of 60 semester hours of credit (SHC) of college transfer courses and offers opportunities for the achievement of competence in reading, writing, oral communication, fundamental and mathematical skills. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). The CAA enables North Carolina community college graduates of associate in arts programs who are admitted to constituent institutions of The University of North Carolina System (the 16 public universities) to transfer with junior status. Most independent schools in North Carolina also fully accept the transfer of the courses.

Graduates must obtain a grade of “C” or better in each course, an overall GPA of at least 2.0 on a 4.0 scale, and complete the Associate in Arts degree in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions. Transfer institutions may have other, specific requirements for admission and acceptance into specific programs.

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 120	Interpersonal Communication	3-0-3
COM 231	Public Speaking	3-0-3
DRA 111	Theater Appreciation	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3

ENG 241	British Literature I	3-0-3
ENG 242	British 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 (13-14 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
ANT 220	Cultural Anthropology	3-0-3
ASL 111	Elementary ASL I	3-0-3
ASL 112	Elementary ASL II	3-0-3
ASL 211	Intermediate ASL I	3-0-3
ASL 212	Intermediate ASL II	3-0-3
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
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	Intro to Computers	2-2-3
CIS 115	Intro to Prog & Logic	2-3-3
COM 110	Introduction to Communication	3-0-3
COM 140	Intro to Intercultural Communication	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 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
MUS 210	History of Rock Music	3-0-3
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 (College Transfer Success) 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 of a foreign language was not taken in high school.

ACA 122	College Transfer Success	0-2-1	COM 130	Nonverbal Communication	3-0-3
ACC 120	Principles of Financial Accounting	3-2-4	CSC 134	C++ Programming	2-3-3
ACC 121	Principles of Managerial Accounting	3-2-4	CSC 139	Visual BASIC Programming	2-3-3
ART 121	Design I	0-6-3	CSC 151	JAVA Programming	2-3-3
ART 122	Design II	0-6-3	DRA 124	Readers Theatre	3-0-3
ART 131	Drawing I	0-6-3	DRA 130	Acting I	0-6-3
ART 132	Drawing II	0-6-3	DRA 131	Acting II	0-6-3
ART 214	Portfolio and Resume	0-2-1	DRA 140	Stagecraft I	0-6-3
ART 231	Printmaking I	0-6-3	DRA 141	Stagecraft II	0-6-3
ART 232	Printmaking II	0-6-3	DRA 145	Stage Makeup	1-2-2
ART 240	Painting I	0-6-3	DRA 170	Play Production I	0-9-3
ART 241	Painting II	0-6-3	DRA 171	Play Production II	0-9-3
ART 276	Interactive Media Design	0-6-3	DRA 260	Directing	0-6-3
ART 281	Sculpture I	0-6-3	DRA 270	Play Production III	0-9-3
ART 282	Sculpture II	0-6-3	DRA 271	Play Production IV	0-9-3
ART 283	Ceramics I	0-6-3	EDU 144	Child Development I	3-0-3
ART 284	Ceramics II	0-6-3	EDU 145	Child Development II	3-0-3
ASL 181	ASL Lab I	0-2-1	EDU 216	Foundations of Education	3-0-3
ASL 182	ASL Lab II	0-2-1	EDU 221	Children with Exceptionalities	3-0-3
BIO 112	General Biology II	3-3-4	EGR 150	Intro to Engineering	1-2-2
BIO 143	Field Biology Minicourse	1-2-2	EGR 220	Engineering Statics	3-0-3
BIO 150	Genetics in Human Affairs	3-0-3	ENG 125	Creative Writing I	3-0-3
BIO 155	Nutrition	3-0-3	ENG 126	Creative Writing II	3-0-3
BIO 163	Basic Anatomy and Physiology	4-2-5	ENG 273	African American Literature	3-0-3
BIO 165	Anatomy and Physiology I	3-3-4	HEA 110	Personal Health and Wellness	3-0-3
BIO 166	Anatomy and Physiology II	3-3-4	HEA 112	First Aid & CPR	1-2-2
BIO 168	Anatomy and Physiology I	3-3-4	HIS 222	African-American History I	3-0-3
BIO 169	Anatomy and Physiology II	3-3-4	HIS 223	African-American History II	3-0-3
BIO 175	General Microbiology	2-2-3	HIS 226	The Civil War	3-0-3
BIO 180	Biological Chemistry	2-2-3	HIS 236	North Carolina History	3-0-3
BIO 250	Genetics	3-3-4	MAT 285	Differential Equations	2-2-3
BIO 265	Cell Biology	3-3-4	MUS 111	Fundamentals of Music	3-0-3
BIO 271	Pathophysiology	3-0-3	MUS 260	Intro to Music Education	2-0-2
BIO 275	Microbiology	3-3-4	PED 110	Fit and Well for Life	1-2-2
BIO 280	Biotechnology	2-2-3	PED 113	Aerobics I	0-3-1
BUS 110	Introduction to Business	3-0-3	PED 114	Aerobics II	0-3-1
BUS 115	Business Law I	3-0-3	PED 115	Step Aerobics I	0-3-1
BUS 137	Principles of Management	3-0-3	PED 117	Weight Training I	0-3-1
CHM 130	General, Organic and Biochemistry	3-0-3	PED 118	Weight Training II	0-3-1
CHM 130A	General, Organic, and Biochemistry Lab	0-2-1	PED 119	Circuit Training	0-3-1
CHM 251	Organic Chemistry I	3-3-4	PED 121	Walk, Jog, Run	0-3-1
CHM 252	Organic Chemistry II	3-3-4	PED 122	Yoga I	0-2-1
CJC 111	Introduction to Criminal Justice	3-0-3	PED 125	Self-Defense Beginning	0-2-1
CJC 113	Juvenile Justice	3-0-3	PED 128	Golf-Beginning	0-2-1
CJC 121	Law Enforcement Operations	3-0-3	PED 130	Tennis-Beginning	0-2-1
CJC 141	Corrections	3-0-3	PED 139	Bowling-Beginning	0-2-1
			PED 143	Volleyball-Beginning	0-2-1
			PED 145	Basketball-Beginning	0-2-1
			PED 149	Flag Football	0-2-1
			PED 157	Pickleball	0-2-1
			PED 171	Nature Hiking	0-2-1
			PED 172	Outdoor Living	1-2-2
			PED 217	Pilates I	0-2-1
			PED 219	Disc Golf	0-2-1
			PED 254	Coaching Basketball	1-2-2
			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

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

Associate in Arts in Teacher Preparation A1010T

Students can earn an Associate of Arts- Teacher Preparation degree in only two years, and then transfer to a 4-year institution and enter as a junior. This degree allows students who wish to pursue a teaching degree in the K-12 field of education. This degree focuses preparation on English, humanities, history, social sciences and language and prepares students to study to teach these areas upon transfer.

Program Length: 4 semesters

Career Pathway Options: Associate in Arts Degree, Baccalaureate Degree at a Senior Institution to enter a Teacher Education program

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 in Teacher Preparation:

I. Universal General Education Transfer Component (UGETC):

English

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

Select 3 courses from the following from at least 2 different disciplines (9 SHC)

Communications:

COM 120	Intro to Interpersonal Communications	3-0-3
COM 231	Public Speaking	3-0-3

Humanities/Fine Arts:

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
DRA 111	Theatre Appreciation	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
ENG 241	British Literature I	3-0-3
ENG 242	British 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

Select 2 courses from the following from at least 2 different disciplines (6 SHC)

ECO 251	Principles of Microeconomics	3-0-3
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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

Mathematics, select one course:

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

Natural Sciences, take 4 SHC:

AST 111	Descriptive Astronomy	3-0-3
AST 111A	Descriptive Astronomy Lab	0-2-1

AST 151	General Astronomy	3-0-3
AST 151A	General Astronomy Lab	0-2-1

PHY 110	Conceptual Physics	3-0-3
PHY 110A	Conceptual Physics 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	Introduction to Geology	3-2-4

Required General Education:

SOC 225	Social Diversity	3-0-3
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An additional 14-15 SHC of UGETC courses or General Education classes (see Additional General Education Hours under the Associate in Art degree) must be selected.

Other required:

Education (14 SHC)

EDU 187	Teaching and Learning for All	3-3-4
EDU 216	Foundations of Education	3-0-3
EDU 279	Literacy Development & Instruction	3-3-4
EDU 250	Teacher Licensure Preparation	3-0-3
ACA 122	College Transfer Success	0-2-1

Total semester hours credit required for graduation: 60

Associate in Science (AS) Credential: Associate in Science Degree A10400

The Associate in Science degree allows students to earn a minimum of 60 semester hours of credit (SHC) of college transfer courses and offers opportunities for the achievement of competence in reading, writing, oral communication, and fundamental mathematical skills. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA). The CAA enables North Carolina community college graduates of two-year associate in science programs who are admitted to constituent institutions of The University of North Carolina System (the 16 public universities) to

transfer with junior status. Most independent schools in North Carolina also fully accept the transfer of the courses here.

Graduates must obtain a grade of “C” or better in each course, an overall GPA of at least 2.0 on a 4.0 scale, and complete the Associate in Science degree in order to transfer with a junior status. Courses may also transfer through bilateral agreements between institutions. Transfer institutions may have other, specific requirements for admission and acceptance into specific programs.

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 120	Interpersonal Communication	3-0-3
COM 231	Public Speaking	3-0-3
DRA 111	Theater Appreciation	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
ENG 241	British Literature I	3-0-3
ENG 242	British 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.

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
MAT 272	Calculus II	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
ASL 111	Elementary ASL I	3-0-3
ASL 112	Elementary ASL II	3-0-3
ASL 211	Intermediate ASL I	3-0-3
ASL 212	Intermediate ASL II	3-0-3

BIO 120	Introductory Botany	3-3-4	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.		
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	2-3-3			
COM 110	Introduction to Communication	3-0-3			
COM 140	Intro to Intercultural Communication	3-0-3			
ECO 151	Survey of Economics	3-0-3	ACC 120	Principles of Financial Accounting	3-2-4
ENG 113	Literature-Based Research	3-0-3	ACC 121	Principles of Managerial Accounting	3-2-4
ENG 114	Prof Research and Reporting	3-0-3	ART 121	Design I	0-6-3
ENG 233	Major American Writers	3-0-3	ART 122	Design II	0-6-3
ENG 243	Major British Writers	3-0-3	ART 131	Drawing I	0-6-3
ENG 261	World Literature I	3-0-3	ART 132	Drawing II	0-6-3
ENG 262	World Literature II	3-0-3	ART 214	Portfolio and Resume	0-2-1
GEL 113	Historical Geology	3-2-4	ART 231	Printmaking I	0-6-3
GEL 230	Environmental Geology	3-2-4	ART 232	Printmaking II	0-6-3
HIS 121	Western Civilization I	3-0-3	ART 240	Painting I	0-6-3
HIS 122	Western Civilization II	3-0-3	ART 241	Painting II	0-6-3
HUM 110	Technology and Society	3-0-3	ART 281	Sculpture I	0-6-3
HUM 115	Critical Thinking	3-0-3	ART 282	Sculpture II	0-6-3
HUM 120	Cultural Studies	3-0-3	ART 283	Ceramics I	0-6-3
HUM 122	Southern Culture	3-0-3	ART 284	Ceramics II	0-6-3
HUM 150	American Women's Studies	3-0-3	BIO 143	Field Biology Minicourse	1-2-2
HUM 220	Human Values and Meaning	3-0-3	BIO 150	Genetics in Human Affairs	3-0-3
MAT 143	Quantitative Literacy	2-2-3	BIO 155	Nutrition	3-0-3
MAT 152	Statistical Methods I	3-2-4	BIO 163	Basic Anatomy and Physiology	4-2-5
MAT 272	Calculus II	3-2-4	BIO 165	Anatomy and Physiology I	3-3-4
MAT 273	Calculus III	3-2-4	BIO 166	Anatomy and Physiology II	3-3-4
MUS 210	History of Rock Music	3-0-3	BIO 168	Anatomy and Physiology I	3-3-4
PHI 230	Introduction to Logic	3-0-3	BIO 169	Anatomy and Physiology II	3-3-4
PSY 237	Social Psychology	3-0-3	BIO 175	General Microbiology	2-2-3
PSY 241	Developmental Psychology	3-0-3	BIO 176	Advanced General Microbiology	1-2-2
PSY 281	Abnormal Psychology	3-0-3	BIO 180	Biological Chemistry	2-2-3
REL 110	World Religions	3-0-3	BIO 250	Genetics	3-3-4
REL 211	Introduction to Old Testament	3-0-3	BIO 265	Cell Biology	3-3-4
REL 212	Introduction to New Testament	3-0-3	BIO 271	Pathophysiology	3-0-3
SOC 225	Social Diversity	3-0-3	BIO 275	Microbiology	3-3-4
SOC 240	Social Psychology	3-0-3	BIO 280	Biotechnology	2-2-3
SPA 111	Elementary Spanish I	3-0-3	BUS 110	Introduction to Business	3-0-3
SPA 112	Elementary Spanish II	3-0-3	BUS 115	Business Law I	3-0-3
SPA 211	Intermediate Spanish I	3-0-3	BUS 137	Principles of Management	3-0-3
SPA 212	Intermediate Spanish II	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

III. Other Required Hours (15 SHC)

In addition to ACA 122 (College Transfer Success) 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

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	2-2-3
MSI 110	Military Science I	1-0-1
MSI 120	Military Science II	2-0-2
MSI 210	Military Science III	2-0-2
MSI 220	Military Science IV	2-0-2
MUS 111	Fundamentals of Music	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 117	Weight Training I	0-3-1
PED 118	Weight Training II	0-3-1
PED 119	Circuit Training	0-3-1
PED 121	Walk, Jog, Run	0-3-1
PED 122	Yoga I	0-2-1
PED 125	Self-Defense Beginning	0-2-1
PED 128	Golf-Beginning	0-2-1
PED 130	Tennis-Beginning	0-2-1
PED 137	Badminton	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 149	Flag Football	0-2-1
PED 157	Pickleball	0-2-1
PED 171	Nature Hiking	0-2-1
PED 172	Outdoor Living	1-2-2
PED 217	Pilates I	0-2-1
PED 219	Disc Golf	0-2-1
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

Total Semester Credit Hours Required for Degree: 60/61

Associate in Science in Teacher Preparation A10400T

Students can earn an Associate of Science- Teacher Preparation degree in only two years, and then transfer to a 4-year institution and enter as a junior. This degree allows students who wish to pursue a teaching degree in the K-12 field of education. This degree focuses more on math and science course work.

Program Length: 4 semesters
Career Pathway Options: Associate in Science Degree, Baccalaureate Degree at a Senior Institution to enter a Teacher Education program

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 Science in Teacher Preparation:

I. General Education Requirements:

English		
ENG 111	Writing & Inquiry	3-0-3
ENG 112	Writing/Research in the Disciplines	3-0-3
Fine Arts/Communications		
Select 3 courses from the following from at least 2 different disciplines (9 SHC)		
Communications:		
COM 120	Intro to Interpersonal Communications	3-0-3
COM 231	Public Speaking	3-0-3
Humanities/Fine Arts:		
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
DRA 111	Theatre Appreciation	3-0-3
ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
ENG 241	British Literature I	3-0-3
ENG 242	British 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
Social/Behavioral Science		
Select 1 course from the following (3 SHC)		
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

Mathematics, take 2 courses (8 SHC)		
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

Natural Sciences (8 SHC)		
AST 151	General Astronomy I	3-0-3
AST 151A	General Astronomy 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
CHM 151	General Chemistry I	3-3-4
CHM 152	General Chemistry II	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
PHY 151	College Physics	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
Required General Education:		
SOC 225	Social Diversity	3-0-3

An additional 11-12 SHC of UGETC courses or General Education classes (see Additional General Education Hours under the Associate in Science degree) must be selected.

Other required (14 SHC):

EDU 187	Teaching and Learning for All	3-3-4
EDU 216	Foundations of Education	3-0-3
EDU 279	Literacy Development & Instruction	3-3-4
EDU 250	Teacher Licensure Preparation	3-0-3

Other required (1 SHC)

ACA 122	College Transfer Success	0-2-1
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Total semester hours credit required for graduation: 60

Associate in Engineering (AE) Credential: Associate in Engineering Degree A10500

The Associate in Engineering degree allows students who wish to transfer to a state funded university with a Bachelor of Engineering program to earn a minimum of 60 semester hours of credit (SHC) for college transfer courses and offers opportunities for the achievement of competence in reading, writing, oral communication, and fundamental mathematical skills. Courses are approved for transfer through the Comprehensive Articulation Agreement (CAA).

Students who follow the degree progression plan will meet the entrance requirements at all of the North Carolina public Bachelor of Science Engineering programs and Campbell University's School of Engineering. Associate in Engineering graduates may then apply to any of these programs without taking additional and sometimes duplicative courses.

Admission to Engineering programs is highly competitive and admission is not guaranteed. To be eligible for the transfer of credits under the AE to the Bachelor of Science in

Engineering Articulation Agreement, community college graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.5 on a 4.0 scale. Courses may also transfer through bilateral agreements between institutions.

Program Length: 4 semesters

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

Program Sites:

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

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

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

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

Course Requirements for Associate in Engineering Degree

I. Universal General Education Transfer Component (UGETC) 42 SHC

A. Composition (6 SHC)

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

B. Humanities (3 SHC). Choose one:

ENG 231	American Literature I	3-0-3
ENG 232	American Literature II	3-0-3
ENG 241	British Literature I	3-0-3
ENG 242	British Literature II	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 110 will transfer for equivalency credit to the engineering programs at all six UNC institutions that offer undergraduate engineering programs. It may not transfer with equivalency to other programs).

C. Communication (3 SHC). Choose one:

Select a course from the following discipline areas: art, communications, music.

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
MUS 110	Music Appreciation	3-0-3
MUS 112	Introduction to Jazz	3-0-3

D. Social and Behavioral Sciences (6 SHC)

One required course, choose one additional course.

Required:

ECO 251	Principles of Microeconomics	3-0-3
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One additional course:

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

E. Natural Sciences (12 SHC)

CHM 151	General Chemistry I	3-3-4
PHY 251	General Physics I	3-3-4
PHY 252	General Physics II	3-3-4

F. Mathematics (12 SHC)

MAT 271	Calculus I	3-2-4
MAT 272	Calculus II	3-2-4
MAT 273	Calculus III	3-2-4

*Calculus I is the lowest math course that will be accepted by engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses. **Students are recommended to include both the Associate in Science and the Associate in Engineering as their declared programs of study.***

II. Additional General Education Hours (18 SHC)

Two required courses, choose additional courses. At least two credit hours must be from PED.

ACA 122	College Transfer Success	1-0-1
EGR 150	Introduction to Engineering	1-2-2
MAT 285	Differential Equations	2-2-3

Select additional courses from UGETC courses listed above or from the courses classified as General Education courses in the NCCCS Combined Course Library. (12 SHC)

Take 3 credits from:

BIO 111	General Biology I	3-3-4
COM 110	Introduction to Communication	3-0-3
COM 231	Public Speaking	3-0-3
CHM 152	General Chemistry II	3-3-4
ECO 252	Principles of Macroeconomics	3-0-3
GEL 111	Introductory Geology	3-2-4
HUM 110	Technology and Society	3-0-3
PHI 240	Introduction to Ethics	3-0-3

Take 9 credits from:

BIO 111	General Biology I	3-3-4
CHM 152	General Chemistry II	3-3-4
CHM 251	Organic Chemistry I	3-3-4
CHM 252	Organic Chemistry II	3-3-4
COM 110	Introduction to Communication	3-0-3
COM 231	Public Speaking	3-0-3
CSC 134	C++ Programming	2-3-3
CSC 151	JAVA Programming	2-3-3
DFT 170	Engineering Graphics	2-2-3
ECO 252	Principles of Macroeconomics	3-0-3
EGR 210	Intro to Electr./Computer Eng. Lab	1-3-2

EGR 212	Logic System Design I	3-0-3
EGR 214	Num Methods for Engineers	3-0-3
EGR 215	Network Theory I	3-0-3
EGR 216	Logic and Network Lab	0-3-1
EGR 220	Engineering Statics	3-0-3
EGR 225	Engineering Dynamics	3-0-3
EGR 228	Introduction to Solid Mechanics	3-0-3
GEL 111	Introductory Geology	3-2-4
HUM 110	Technology and Society	3-0-3
MAT 280	Linear Algebra	2-2-3
PED 110	Fit and Well for Life	1-2-2

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