

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 two-year 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 here.

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
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
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
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

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|---|---------------------------------------|-------|---|
| CIS 115 | Introduction to Programming and Logic | 2-2-3 | complete two courses in foreign language if two semesters or more of a foreign language was not taken in high school. |
| COM 110 | Introduction to Communication | 3-0-3 | |
| COM 120 | Interpersonal Communication | 3-0-3 | |
| COM 140 | Intro to Intercultural Communication | 3-0-3 | ACA 122 College Transfer Success 1-0-1 |
| DRA 111 | Theatre Appreciation | 3-0-3 | ACC 120 Principles of Financial Accounting 3-2-4 |
| ECO 151 | Survey of Economics | 3-0-3 | ACC 121 Principles of Managerial Accounting 3-2-4 |
| ENG 113 | Literature-Based Research | 3-0-3 | ART 121 Design I 0-6-3 |
| ENG 114 | Prof Research and Reporting | 3-0-3 | ART 122 Design II 0-6-3 |
| ENG 233 | Major American Writers | 3-0-3 | ART 131 Drawing I 0-6-3 |
| ENG 243 | Major British Writers | 3-0-3 | ART 132 Drawing II 0-6-3 |
| ENG 261 | World Literature I | 3-0-3 | ART 214 Portfolio and Resume 0-2-1 |
| ENG 262 | World Literature II | 3-0-3 | 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 | ASL 111 American Sign Language I 3-0-3 |
| HUM 160 | Introduction to Film | 2-2-3 | ASL 112 American Sign Language II 3-0-3 |
| HUM 211 | Humanities I | 3-0-3 | ASL 211 Intermediate ASL I 0-2-1 |
| HUM 220 | Human Values and Meaning | 3-0-3 | ASL 212 Intermediate ASL II 0-2-1 |
| MAT 172 | Precalculus Trigonometry | 3-0-3 | BIO 143 Field Biology Minicourse 1-2-2 |
| MAT 263 | Brief Calculus | 3-0-3 | BIO 150 Genetics in Human Affairs 3-0-3 |
| MAT 271 | Calculus I | 3-2-4 | BIO 155 Nutrition 3-0-3 |
| MAT 272 | Calculus II | 3-2-4 | BIO 163 Basic Anatomy and Physiology 4-2-5 |
| MAT 273 | Calculus III | 3-2-4 | BIO 165 Anatomy and Physiology I 3-3-4 |
| PHI 210 | History of Philosophy | 3-0-3 | BIO 166 Anatomy and Physiology II 3-3-4 |
| PHI 230 | Introduction to Logic | 3-0-3 | BIO 168 Anatomy and Physiology I 3-3-4 |
| PHY 151 | College Physics I | 3-2-4 | BIO 169 Anatomy and Physiology II 3-3-4 |
| PHY 152 | College Physics II | 3-2-4 | BIO 175 General Microbiology 2-2-3 |
| PHY 251 | General Physics I | 3-3-4 | BIO 176 Advanced General Microbiology 1-2-2 |
| PHY 252 | General Physics II | 3-3-4 | BIO 180 Biological Chemistry 2-2-3 |
| PSY 237 | Social Psychology | 3-0-3 | BIO 250 Genetics 3-3-4 |
| PSY 241 | Developmental Psychology | 3-0-3 | BIO 265 Cell Biology 3-3-4 |
| PSY 281 | Abnormal Psychology | 3-0-3 | BIO 271 Pathophysiology 3-0-3 |
| REL 110 | World Religions | 3-0-3 | BIO 275 Microbiology 3-3-4 |
| REL 211 | Introduction to Old Testament | 3-0-3 | BIO 280 Biotechnology 2-2-3 |
| REL 212 | Introduction to New Testament | 3-0-3 | BUS 110 Introduction to Business 3-0-3 |
| SOC 213 | Sociology of the Family | 3-0-3 | BUS 115 Business Law I 3-0-3 |
| SOC 220 | Social Problems | 3-0-3 | BUS 137 Principles of Management 3-0-3 |
| SOC 225 | Social Diversity | 3-0-3 | CHM 130 General, Organic and Biochemistry 3-0-3 |
| SOC 240 | Social Psychology | 3-0-3 | CHM 130A General, Organic, and Biochemistry Lab 0-2-1 |
| SPA 111 | Elementary Spanish I | 3-0-3 | CHM 251 Organic Chemistry I 3-3-4 |
| SPA 112 | Elementary Spanish II | 3-0-3 | CHM 252 Organic Chemistry II 3-3-4 |
| SPA 211 | Intermediate Spanish I | 3-0-3 | CJC 111 Introduction to Criminal Justice 3-0-3 |
| SPA 212 | Intermediate Spanish II | 3-0-3 | CJC 121 Law Enforcement Operations 3-0-3 |
| | | | CJC 141 Corrections 3-0-3 |
| III. Other Required Hours (15 SHC) | | | COM 130 Nonverbal Communication 3-0-3 |
| 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 | | | 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 |

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| 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 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 |

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

PROGRAM SPECIFIC ENTRANCE STANDARDS:

Accelerated Associate in Arts

- Complete CCCC Accelerate application process, including the following items:
 - Essay
 - Interview
 - Online referral by high school guidance counselor and/or CCW Advisor.
 - Admitted to CCCC as a full-time student.
 - Meet one of the following eligibility requirements:
 - Minimum of 2.6 unweighted High School GPA, four high school math courses, and graduated high school within the past 5 years

OR

- CCCC will evaluate subject-area ACT or SAT scores to determine if student is college ready in math and English using the following scores:
 - English: ACT Reading 22 or ACT English 18, SAT

- Writing 500 or SAT Critical Reading 500
- Math: ACT Math 22, SAT Math 500
- Evidence of strong high school attendance record.
- Student and parent/guardian must complete the pledge form with commitment for student to receive room/board (ie: live at home) for the entirety of the program.
- Willingness and ability to attend classes on CCCC's Chatham Main Campus.

**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 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 |
| 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. 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 |
| 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 |
| ANT 220 | Cultural Anthropology | 3-0-3 |
| ASL 211 | Intermediate ASL I | 0-2-1 |
| ASL 212 | Intermediate ASL II | 0-2-1 |
| 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 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 |

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|---------|-------------------------------|-------|----------|--|-------|
| PSY 281 | Abnormal Psychology | 3-0-3 | CHM 130 | General, Organic and Biochemistry | 3-0-3 |
| REL 110 | World Religions | 3-0-3 | CHM 130A | General, Organic, and Biochemistry Lab | 0-2-1 |
| REL 211 | Introduction to Old Testament | 3-0-3 | CHM 251 | Organic Chemistry I | 3-3-4 |
| REL 212 | Introduction to New Testament | 3-0-3 | CHM 252 | Organic Chemistry II | 3-3-4 |
| SOC 225 | Social Diversity | 3-0-3 | CJC 111 | Introduction to Criminal Justice | 3-0-3 |
| SOC 240 | Social Psychology | 3-0-3 | CJC 121 | Law Enforcement Operations | 3-0-3 |
| SPA 111 | Elementary Spanish I | 3-0-3 | CJC 141 | Corrections | 3-0-3 |
| SPA 112 | Elementary Spanish II | 3-0-3 | COM 130 | Nonverbal Communication | 3-0-3 |
| SPA 211 | Intermediate Spanish I | 3-0-3 | CSC 134 | C++ Programming | 2-3-3 |
| SPA 212 | Intermediate Spanish II | 3-0-3 | CSC 139 | Visual BASIC Programming | 2-3-3 |

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 | HIS 222 | African-American History I | 3-0-3 |
| ACC 120 | Principles of Financial Accounting | 3-2-4 | HIS 223 | African-American History II | 3-0-3 |
| ACC 121 | Principles of Managerial Accounting | 3-2-4 | HIS 226 | The Civil War | 3-0-3 |
| ART 121 | Design I | 0-6-3 | HIS 236 | North Carolina History | 3-0-3 |
| ART 122 | Design II | 0-6-3 | MAT 280 | Linear Algebra | 2-2-3 |
| ART 131 | Drawing I | 0-6-3 | MAT 285 | Differential Equations | 3-0-3 |
| ART 132 | Drawing II | 0-6-3 | PED 110 | Fit and Well for Life | 1-2-2 |
| ART 214 | Portfolio and Resume | 0-2-1 | PED 113 | Aerobics I | 0-3-1 |
| ART 231 | Printmaking I | 0-6-3 | PED 114 | Aerobics II | 0-3-1 |
| ART 232 | Printmaking II | 0-6-3 | PED 115 | Step Aerobics I | 0-3-1 |
| ART 240 | Painting I | 0-6-3 | PED 117 | Weight Training I | 0-3-1 |
| ART 241 | Painting II | 0-6-3 | PED 118 | Weight Training II | 0-3-1 |
| ART 281 | Sculpture I | 0-6-3 | PED 121 | Walk, Jog, Run | 0-3-1 |
| ART 282 | Sculpture II | 0-6-3 | PED 128 | Golf-Beginning | 0-2-1 |
| ART 283 | Ceramics I | 0-6-3 | PED 130 | Tennis-Beginning | 0-2-1 |
| ART 284 | Ceramics II | 0-6-3 | PED 139 | Bowling-Beginning | 0-2-1 |
| BIO 143 | Field Biology Minicourse | 1-2-2 | PED 143 | Volleyball-Beginning | 0-2-1 |
| BIO 150 | Genetics in Human Affairs | 3-0-3 | PED 145 | Basketball-Beginning | 0-2-1 |
| BIO 155 | Nutrition | 3-0-3 | PED 148 | Softball | 0-2-1 |
| BIO 163 | Basic Anatomy and Physiology | 4-2-5 | PED 149 | Flag Football | 0-2-1 |
| BIO 165 | Anatomy and Physiology I | 3-3-4 | PED 155 | Water Aerobics | 0-2-1 |
| BIO 166 | Anatomy and Physiology II | 3-3-4 | PED 160 | Canoeing-Basic | 0-2-1 |
| BIO 168 | Anatomy and Physiology I | 3-3-4 | PED 219 | Disc Golf | 0-2-1 |
| BIO 169 | Anatomy and Physiology II | 3-3-4 | PED 254 | Coaching Basketball | 1-2-2 |
| BIO 175 | General Microbiology | 2-2-3 | POL 130 | State and Local Government | 3-0-3 |
| BIO 176 | Advanced General Microbiology | 1-2-2 | PSY 246 | Adolescent Psychology | 3-0-3 |
| BIO 180 | Biological Chemistry | 2-2-3 | SOC 232 | Social Context of Aging | 3-0-3 |
| BIO 250 | Genetics | 3-3-4 | SPA 141 | Culture and Civilization | 3-0-3 |
| BIO 265 | Cell Biology | 3-3-4 | WBL 111 | Work-Based Learning I | 0-10-1 |
| 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 | | | |

Total Semester Credit Hours Required for Degree: 60/61

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) | C-L-CR |
| ENG 111 Writing and Inquiry | 3-0-3 |
| 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 five 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 |
|---------|------------------------------|-------|

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 |
| MAT 285 | Differential Equations | 3-0-3 |

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.

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 |

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

| | | |
|---------|------------------------------------|-------|
| BIO 111 | General Biology I | 3-3-4 |
| CHM 152 | General Chemistry II | 3-3-4 |
| COM 110 | Introduction to Communication | 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 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 |
| 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 Degree: 60/61 SHC

Business Technologies

Business Administration

Credential: - Associate in Applied Science Degree in Business Administration (General Business Administration Track) A25120

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.

Coursework 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.

Program Length: 5 semesters

Career Pathway Options: Associate in Applied Science
Degree in Business Administration

Program Sites: Lee Main Campus - Day Program Selected
Evening Courses; Harnett Main Campus – Selected Daytime
Courses; Distance Education

Course Requirements for Business Administration Degree—General Business Administration and Human Resource Management Tracks

1. General Education Requirements (15 SHC) C-L-SHC

| | | |
|---------|---------------------------------------|-------|
| ENG 111 | Writing and Inquiry | 3-0-3 |
| | Humanities/Fine Arts Requirement | 3-0-3 |
| | Social/Behavioral Science Requirement | 3-0-3 |
| | Communications; Take one Course | |
| ENG 112 | Writing/Research in the Disciplines | 3-0-3 |
| ENG 114 | Professional Research and Reporting | 3-0-3 |
| ENG 115 | Oral Communication | 3-0-3 |
| ENG 116 | Technical Report Writing | 3-0-3 |
| COM 110 | Introduction to Communication | 3-0-3 |
| COM 120 | Intro Interpersonal Com | 3-0-3 |
| COM 231 | Public Speaking | 3-0-3 |
| | Mathematics, Take one course: | |
| MAT 110 | Math Measurement & Literacy | 2-2-3 |
| MAT 143 | Quantitative Literacy | 2-2-3 |

2. Major Requirements (22 SHC)

| | | |
|---------|------------------------------------|-------|
| ACC 120 | Principles of Financial Accounting | 3-2-4 |
| BUS 110 | Introduction to Business | 3-0-3 |
| BUS 115 | Business Law I | 3-0-3 |
| BUS 137 | Principles of Management | 3-0-3 |
| CIS 110 | Introduction to Computers | 2-2-3 |
| MKT 120 | Principles of Marketing | 3-0-3 |