Curriculum Programs

2020-2021 CURRICULUM PROGRAM OPPORTUNITIES OFFERED AT MCC

Applied Engineering Technology

The Engineering and Technology curriculums are designed to prepare students through the study and application of principles from mathematics, natural sciences, and technology, and applied processes based on these subjects. Course work includes mathematics, natural sciences, engineering sciences and technology.

Graduates should qualify to obtain occupations such as technical service providers, materials and technology testing services, process improvement technicians, engineering technicians, industrial and technology managers, or research technicians.

Applied Engineering Technology (A40130), Associate of Applied Science

AAS Degree Requirements (72-76 Credit Hours)

Spring Semester (17 Credit Hours)		
DFT121	Introduction to GD&T	2.00
DFT254	Intermediate Solid Modeling & Rendering	3.00
MAC122	CNC Turning	2.00
MAC124	CNC Milling	2.00
MEC110	Introduction to CAD/CAM	2.00
MEC112	Machine Processes II	3.00
TDP140	Precision Three Dimensional Printing	3.00

NOTE: FULL-TIME STUDENTS FOLLOWING THIS SEMESTER-BY-SEMESTER WILL COMPLETE THEIR MECHANICAL DESIGN AND MACHINING PROCESSES CERTIFICATES AT THE END OF THE 1ST SPRING SEMESTER.

Summer Semester (6 Credit Hours)		
CIS110	Introduction to Computers	3.00
HYD110	Hydraulics/Pneumatics I	3.00
Fall Semester (16-17 Credit Hours)		
DFT231	Jig & Fixture Design	2.00
ELN260	Prog Logic Controllers	4.00
ELC131	Circuit Analysis I	4.00
ENG111	Writing and Inquiry	3.00
Select one of the following:		
MAT121	Algebra/Trigonometry I	3.00
	OR	
MAT171	Precalculus Algebra	4.00
Spring Semester (16 Credit Hours)		
ATR112	Introduction to Automation	3.00
ELC117	Motors and Controls	4.00
	Select one Humanities Elective	3
Select one of the following:		
ENG112	Writing and Research in the Disciplines	3.00
	OR	
ENG114	Professional Research & Reporting	3.00

	OR	
COM231	Public Speaking	3.00

Select one of the following:

PSY150	General Psychology	3.00
	OR	
SOC210	Introduction to Sociology	3.00

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MUS110	Music Appreciation	3.00

Additional Electives

NOTE: The following courses can be used as elective credit for degree completion. However, use of these elective credits could impact completion of the Mechanical Design and Machining Processes Certificates. Please contact your Academic Advisor or the Office of Records and Registration for clarification.

CIS115	Introduction to Programming and Logic	3.00
CSC153	C# Programming	3.00
CTI120	Network and Security Foundation	3.00
ELC128	Introduction to Programmable Logic	3.00
ELN133	Digital Electronics	4.00
NET125	Introduction to Networks	3.00
WLD110	Cutting Processes	2.00
WLD115	SMAW (Stick) Plate	5.00
WBL111	Work-Based Learning I	1.00

Developmental Requirements:

ENG111	Writing and Inquiry	3.00
	Take One Set	
	Set 1 DRE-097	
	Set 2 ENG-002	
	State Corequisites Take ENG-011	
	MAT 171	
	Take One Set	
	Set 1 DMA-010 DMA-020 DMA-030 DMA-040	
	DMA-050	
	Set 2 MAT-121	
	State Corequisite Take MAT-071	

Applied Engineering Technology - Design (D40130D), Diploma

Degree Requirements (46 Credit Hours)

Fall Semester (20 credit hours)

ACA115	Success & Study Skills	1.00
BPR111	Print Reading	2.00
DFT119	Basic CAD	2.00
DFT154	Intro to Solid Modeling	3.00
HUM110	Technology and Society	3.00
ISC112	Industrial Safety	2.00
ELC131	Circuit Analysis I	4.00
TDP110	Introduction to Three Dimensional	3.00

Spring Semester (17-19) Credit Hours)

DFT121	Introduction to GD&T	2.00
DFT254	Intermediate Solid Modeling & Rendering	3.00
DFT254	Intermediate Solid Modeling & Rendering	3.00
ELC117	Motors and Controls	4.00
TDP140	Precision Three Dimensional Printing	3.00
	Select one of the following:	
ATR112	Introduction to Automation	3
MEC110	Introduction to CAD/CAM	2.00
	Select one of the following:	
MAT121	Algebra/Trigonometry I	3.00
MAT171	Precalculus Algebra	4.00

Summer Semester (9 Credit Hours)

CIS110	Introduction to Computers	3.00
HYD110	Hydraulics/Pneumatics I	3.00

Developmental Requirements

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
State Corequisite Take MAT-071

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

Applied Engineering Technology - Machining (D40130M), Diploma

Degree Requirements (46-48 Credit Hours)

Fall Semester (10 Credit Hours)

ACA115	Success & Study Skills	1.00
DFT119	Basic CAD	2.00

ISC112	Industrial Safety	2.00
MAC121	Introduction to CNC	2.00
MEC111	Machine Processes I	3.00

Spring Semester (9-10 Credit Hours)

MAC122	CNC Turning	2.00
MAC124	CNC Milling	2.00
MEC112	Machine Processes II	3.00
	Select one of the following:	
ATR112	Introduction to Automation	3.00
	OR	
MEC110	Introduction to CAD/CAM	2.00

Summer Semester (6 Credit Hours)

CIS110	Introduction to Computers	3.00
HYD110	Hydraulics/Pneumatics I	3.00

Fall Semester (14-15 Credit Hours)

ELC131	Circuit Analysis I	4.00
ELN260	Prog Logic Controllers	4.00
	Select one of the following:	
MAT121	Algebra/Trigonometry I	3.00
	OR	
MAT171	Precalculus Algebra	4.00
	AND	
	Select one of the following:	
COM231	Public Speaking	3.00
	OR	
ENG111	Writing and Inquiry	3.00

Spring Semester

ELC117	Motors and Controls	4.00
PSY150	General Psychology	3.00
	OR	
SOC210	Introduction to Sociology	3.00

Developmental-Requirements

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
State Corequisite Take MAT-071

Machining Processes (C40130M), Certificate

Certificate Requirements (16 Credit Hours)

Fall Semester (7 Credit Hours)		
ISC112	Industrial Safety	2.00
MAC121	Introduction to CNC	2.00
MEC111	Machine Processes I	3.00
Spring Semester (9 Credit Hours)		
MAC122	CNC Turning	2.00
MAC124	CNC Milling	2.00
MEC110	Introduction to CAD/CAM	2.00
MEC112	Machine Processes II	3.00

Mechanical Design (C40130D), Certificate

Certificate Requirements (18 Credit Hours)

Fall Semester (10 Credit Hours)		
BPR111	Print Reading	2.00
DFT119	Basic CAD	2.00
DFT154	Intro to Solid Modeling	3.00
TDP110	Introduction to Three Dimensional	3.00
Spring Semester (8 Credit Hours)		
DFT121	Introduction to GD&T	2.00
DFT254	Intermediate Solid Modeling & Rendering	3.00
TDP140	Precision Three Dimensional Printing	3.00

Mechatronics (C40130E), Certificate

Certificate Requirements (18 Credit Hours)

Fall Semester (8 Credit Hours)		
ELC131	Circuit Analysis I	4.00
ELN260	Prog Logic Controllers	4.00
Spring Semester (7 Credit Hours)		
ATR112	Introduction to Automation	3.00
ELC117	Motors and Controls	4.00
Summer Semester (3 Credit Hours)		
HYD110	Hydraulics/Pneumatics I	3.00

Basic Law Enforcement Training

Basic Law Enforcement Training (BLET) is designed to give students essential skills required for entry-level employment as law enforcement officers with state, country, or municipal governments, or with private enterprise. This program utilizes State Commission-mandated topics and methods of instruction. General subjects include but are not limited to: criminal, juvenile, civil, traffic, and alcoholic beverage laws; investigative, patrol, custody, and court procedures; emergency response, ethics, and community relations.

Successful graduates receive a curriculum certificate and are qualified to take certification examinations mandated by the North Carolina Criminal Justice Education and Training Standards Commission and/or the North Carolina Sheriffs' Education and Training Standards Commission. Please see special admissions requirements.

Basic Law Enforcement Training (C55120), Certificate

Certificate Requirements (20 Credit Hours)

Required Courses:

CJC100	Basic Law Enforcement Training	20.00

NOTE: Successful completion of CJC 100 may substitute for CJC 120, CJC 131, CJC 132, CJC 221, CJC 225, and CJC 231.

OTHER EXPENSES: Students enrolled in the BLET Program have additional expenses, which include books that are approximately $670.00 and uniform costs of $100.00.

Business Administration

The Business Administration curriculum is designed to introduce students to the various aspects of the free enterprise system. Students will be provided with a fundamental knowledge of business functions, processes, and an understanding of business organizations in today's global economy. Course work includes business concepts such as accounting, business law, economics, management, and marketing. Skills related to the application of these concepts are developed through the study of computer applications, communication, team building, and decision making. Through these skills, students will have a sound business education base for lifelong learning.

Graduates are prepared for employment opportunities in government agencies, financial institutions, and large to small business or industry. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information.

Business Administration (A25120), Associate of Applied Science

AAS Requirements (64-65 Credit Hours)

Fall Semester (16 Credit Hours)		
ACA115	Success & Study Skills	1.00
BUS110	Introduction to Business	3.00
BUS115	Business Law I	3.00
CIS110	Introduction to Computers	3.00
DBA110	Database Concepts	3.00
MKT120	Principles of Marketing	3.00
Spring Semester (15-16 Credit Hours)		
BUS137	Principles of Management	3.00
BUS240	Business Ethics	3.00
ENG111	Writing and Inquiry	3.00
OST137	Office Applications I	3.00
Select one of the following:		
MAT143	Quantitative Literacy	3.00
	OR	
MAT152	Statistical Methods I	4.00
Fall Semester (16 Credit Hours)		
ACC115	College Accounting	4.00
BUS125	Personal Finance	3.00
ECO251	Principles of Microeconomics	3.00
Select one of the following:		
COM231	Public Speaking	3.00
ENG112	Writing and Research in the Disciplines	3.00
Select one of the following:		
PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00

Spring Semester (17 Credit Hours)

ACC150	Accounting Software Applications	2.00
BUS253	Leadership and Management Skills	3.00
BUS260	Business Communication	3.00
BUS285	Business Management Issues	3.00
ECO252	Principles of Macroeconomics	3.00
	Select one Humanities Elective	3

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MUS110	Music Appreciation	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

BUSINESS ADMINISTRATION (D25120), DIPLOMA

Diploma Requirements (40 Credit Hours)

Fall Semester (17 Credit Hours)

ACA115	Success & Study Skills	1.00
ACC115	College Accounting	4.00
BUS110	Introduction to Business	3.00
BUS115	Business Law I	3.00
BUS125	Personal Finance	3.00
MKT120	Principles of Marketing	3.00

Spring Semester (17 Credit Hours)

ACC150	Accounting Software Applications	2.00
BUS137	Principles of Management	3.00
BUS253	Leadership and Management Skills	3.00
CIS110	Introduction to Computers	3.00

ECO252	Principles of Macroeconomics	3.00
OST137	Office Applications I	3.00

Summer Semester (7 Credit Hours)

COM231	Public Speaking	3.00
	Select one of the following:	
MAT143	Quantitative Literacy	3.00
MAT152	Statistical Methods I	4.00

Developmental Requirements:

MAT 152
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 and DRE-098
Set 3 MAT-003 and DRE-098
Set 4 MAT-003 and ENG-002
State Corequisite Take MAT-052

BUSINESS ADMINISTRATION (C25120),CERTIFICATE

Certificate Requirements (18 Credit Hours)

Fall Semester (9 Credit Hours)

BUS110	Introduction to Business	3.00
BUS125	Personal Finance	3.00
MKT120	Principles of Marketing	3.00

Spring Semester (9 Credit Hours)

BUS137	Principles of Management	3.00
CIS110	Introduction to Computers	3.00
OST137	Office Applications I	3.00

Developmental Requirements:

OST080	Keyboarding Literacy	2.00

Computer Engineering Technology

The Computer Engineering Technology curriculum provides the skills required to install, service, and maintain computers, peripherals, networks, and microprocessor and computer controlled equipment. It includes training in both hardware and software, emphasizing operating systems concepts to provide a unified view of computer systems. Coursework includes mathematics, physics, electronics, digital circuits, and programming, with emphasis on the operation, use, and interfacing of memory and devices to the CPU. Additional topics may include communications, networks, operating systems, programming languages, Internet configuration and design, and industrial applications.

Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas that require knowledge of electronic and computer systems. Graduates may also qualify for certification in electronics, computers, or networks. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information.

Computer Engineering Technology (A40160), Associate of Applied Science

AAS Requirements (70 Credit Hours)

Fall Semester (19 Credit Hours)		
CIS110	Introduction to Computers	3.00
ELC131	Circuit Analysis I	4.00
ELN260	Prog Logic Controllers	4.00
ENG111	Writing and Inquiry	3.00
MAT171	Precalculus Algebra	4.00
ACA115	Success & Study Skills	1.00
Spring Semester (18 Credit Hours)		
ELN131	Analog Electronics I	4.00
ELN133	Digital Electronics	4.00
NOS120	Linux/UNIX Single User	3.00
MAT172	Precalculus Trigonometry	4.00
Select one of the following:		
COM231	Public Speaking	3.00
	OR	
ENG114	Professional Research & Reporting	3.00
Fall Semester (17 Credit Hours)		
CET111	Computer Upgrade/Repair I	3.00
ELN234	Communication Systems	4.00
NOS130	Windows Single User	3.00
PHY151	College Physics I	4.00
WEB115	Web Markup and Scripting	3.00
Spring Semester (16 Credit Hours)		
CSC153	C# Programming	3.00

ELN232	Introduction to Microprocessors	4.00
NOS230	Windows Administration I	3.00
	Select one Humanities Elective	3

Select one of the following:

PSY150	General Psychology	3.00
	OR	
SOC210	Introduction to Sociology	3.00

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MUS110	Music Appreciation	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
State Corequisite Take MAT-071

COMPUTER ENGINEERING TECHNOLOGY (C40160), CERTIFICATE

Certificate Requirements (14 Credit Hours)

Fall Semester (7 Credit Hours)

CET111	Computer Upgrade/Repair I	3.00
ELC131	Circuit Analysis I	4.00

Spring Semester (7 Credit Hours)

ELN133	Digital Electronics	4.00
CSC153	C# Programming	3.00

COSMETOLOGY

The Cosmetology curriculum is designed to provide competency-based knowledge, scientific/artistic principles, and hands-on fundamentals associated with the cosmetology industry. The curriculum provides a simulated salon environment, which enables students to develop manipulative skills. Coursework includes instruction in all phases of professional imaging, hair design, chemical processes, skin care, nail care, multi-cultural practices, business/computer principles, product knowledge, and other selected topics.

Graduates should qualify to sit for the State Board of Cosmetic Arts examination. Upon successful passing of the State Board exam, graduates will be issued a license. Employment is available in beauty salons, and as skin/nail specialists, platform artists, and related businesses.

COSMETOLOGY (A55140), ASSOCIATE OF APPLIED SCIENCE

AAS Degree Requirements (68 Credit Hours)

Fall Semester (13 Credit Hours)		
ACA115	Success & Study Skills	1.00
COS111	Cosmetology Concepts I	4.00
COS112	Salon I	8.00
Spring Semester (15 Credit Hours)		
COS113	Cosmetology Concepts II	4.00
COS114	Salon II	8.00
BUS137	Principles of Management	3.00
Summer Semester (6 Credit Hours)		
CIS110	Introduction to Computers	3.00
PSY150	General Psychology	3.00
Fall Semester (14 Credit Hours)		
BUS125	Personal Finance	3.00
COS115	Cosmetology Concepts III	4.00
COS116	Salon III	4.00
ENG111	Writing and Inquiry	3.00
Spring Semester (20 Credit Hours)		
ART111	Art Appreciation	3.00
COM231	Public Speaking	3.00
COS117	Cosmetology Concepts IV	2.00
COS118	Salon IV	7.00
COS240	Contemporary Design	2.00
MAT110	Mathematical Measurement and Literacy	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 110
Take One Set
Set 1 DMA-010 DMA-020 DMA-030
MAT-010 should be taken as a required corequisite

OTHER EXPENSES: Each Cosmetology student will be required to purchase a basic kit and textbooks for approximately $975.00, as well as black uniforms, shoes, and a nametag.

NOTES:
1. COSMETOLOGY HAS A STRICT ATTENDANCE POLICY, A MINIMUM AMOUNT OF HOURS MUST BE COMPLETED TO SIT FOR THE STATE BOARD OF COSMETIC ARTS EXAMINATION.
2. STUDENTS WHO EARN THE ASSOCIATE IN APPLIED SCIENCE DEGREE AND/OR 1,500 HOURS ARE ELIGIBLE TO SIT FOR THE COSMETOLOGIST STATE BOARD EXAM.
3. STUDENTS WHO EARN THE CERTIFICATE or DIPLOMA AND/OR 1,200 HOURS ARE ELIGIBLE TO SIT FOR THE APPRENTICE STATE BOARD EXAM.

4. TO COMPLETE IN 5 SEMESTERS, STUDENT MAY NEED TO ENROLL IN ONLINE OR HYBRID COURSES.

****FOR MORE INFORMATION ON NORTH CAROLINA'S STATE BOARD OF COSMETIC ARTS LICENSING PROCESS REFER TO WWW.NCCOSMETICARTS.COM.***

COSMETOLOGY (D55140), DIPLOMA

Diploma Requirements (41 Credit Hours)

Fall Semester (13 Credit Hours)

ACA115	Success & Study Skills	1.00
COS111	Cosmetology Concepts I	4.00
COS112	Salon I	8.00

Spring Semester (20 Credit Hours)

COS113	Cosmetology Concepts II	4.00
COS114	Salon II	8.00
COS240	Contemporary Design	2.00
ENG101	Applied Communications I	3.00
MAT110	Mathematical Measurement and Literacy	3.00

Fall Semester (8 Credit Hours)

COS115	Cosmetology Concepts III	4.00
COS116	Salon III	4.00

Developmental Requirements:

MAT 110
Take One Set
Set 1 DMA-010 DMA-020 DMA-030
MAT-010 should be taken as a required corequisite

OTHER EXPENSES: Each Cosmetology student will be required to purchase a basic kit and textbooks for approximately $975.00, as well as black uniforms, shoes, and a nametag.

NOTES:
1. COSMETOLOGY HAS A STRICT ATTENDANCE POLICY, A MINIMUM AMOUNT OF HOURS MUST BE COMPLETED TO SIT FOR THE STATE BOARD OF COSMETIC ARTS EXAMINATION.
2. STUDENTS WHO EARN THE ASSOCIATE IN APPLIED SCIENCE DEGREE AND/OR 1,500 HOURS ARE ELIGIBLE TO SIT FOR THE COSMETOLOGIST STATE BOARD EXAM.
3. STUDENTS WHO EARN THE CERTIFICATE or DIPLOMA AND/OR 1,200 HOURS ARE ELIGIBLE TO SIT FOR THE APPRENTICE STATE BOARD EXAM.

****FOR MORE INFORMATION ON NORTH CAROLINA'S STATE BOARD OF COSMETIC ARTS LICENSING PROCESS REFER TO WWW.NCCOSMETICARTS.COM.***

COSMETOLOGY (C55140), CERTIFICATE

1,200 Hour Certificate Requirements (34 Credit Hours)

Fall Semester (12 Credit Hours)		
COS111	Cosmetology Concepts I	4.00
COS112	Salon I	8.00
Spring Semester (14 Credit Hours)		
COS113	Cosmetology Concepts II	4.00
COS114	Salon II	8.00
COS240	Contemporary Design	2.00
Summer Semester (8 Credit Hours)		
COS115	Cosmetology Concepts III	4.00
COS116	Salon III	4.00

OTHER EXPENSES: Each Cosmetology student will be required to purchase a basic kit and textbooks for approximately $975.00, as well as black uniforms, shoes, and a nametag.

NOTES:
1. COSMETOLOGY HAS A STRICT ATTENDANCE POLICY, A MINIMUM AMOUNT OF HOURS MUST BE COMPLETED TO SIT FOR THE STATE BOARD OF COSMETIC ARTS EXAMINATION.
2. STUDENTS WHO EARN THE ASSOCIATE IN APPLIED SCIENCE DEGREE AND/OR 1,500 HOURS ARE ELIGIBLE TO SIT FOR THE COSMETOLOGIST STATE BOARD EXAM.
3. STUDENTS WHO EARN THE CERTIFICATE or DIPLOMA AND/OR 1,200 HOURS ARE ELIGIBLE TO SIT FOR THE APPRENTICE STATE BOARD EXAM.

****FOR MORE INFORMATION ON NORTH CAROLINA'S STATE BOARD OF COSMETIC ARTS LICENSING PROCESS REFER TO WWW.NCCOSMETICARTS.COM.***

Criminal Justice Technology

The Criminal Justice Technology curriculum is designed to provide knowledge of criminal justice systems and operations. Study will focus on local, state, and federal law enforcement, judicial processes, corrections, and security services. The criminal justice system's role within society will be explored. Emphasis is on criminal justice systems, criminology, juvenile justice, criminal and constitutional law, investigative principles, ethics and community relations. Additional study may include issues and concepts of government, counseling, communications, computers, and technology.

Employment opportunities exist in a variety of local, state, and federal law enforcement, corrections, and security fields. Examples include police officer, deputy sheriff, county detention officer, state trooper, intensive probation/parole surveillance officer, correctional officer, and loss prevention specialist. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information

Criminal Justice Technology (A55180), Associate of Applied Science

AAS Degree Requirements (64-66 Credit Hours)

Criminal Justice Technology (C55180), Certificate

Certificate Requirements (12 Credit Hours)

Fall Semester (6 Credit Hours)		
CJC111	Introduction to Criminal Justice	3.00
CJC121	Law Enforcement Operations	3.00
Spring Semester (6 Credit Hours)		
CJC113	Juvenile Justice	3.00
CJC141	Corrections	3.00

Electronics Engineering Technology

The Electronics Engineering Technology curriculum prepares individuals to become technicians who design, build, install, test, troubleshoot, repair, and modify developmental and production electronic components, equipment, and systems such as industrial/computer controls, manufacturing systems, communication systems, and power electronic systems. A broad-based core of courses, including basic electricity, solid-state fundamentals, digital concepts and microprocessors, ensures the student will develop the skills necessary to perform entry-level tasks. Emphasis is placed on developing the student's ability to analyze, and troubleshoot electronic systems.

Graduates should qualify for employment as engineering assistants or electronic technicians with job titles, including electronics engineering technician, field service technician, maintenance technician, electronic tester, electronic systems integrator, bench technician, and production control technician. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. "See Transfer options for Associate in Applied Science degrees (p.) for more information."

Electronics Engineering Technology (A40200), Associate of Applied Science

AAS Degree Requirements (68 Credit Hours)

Fall Semester (18 Credit Hours)		
ACA115	Success & Study Skills	1.00
CIS110	Introduction to Computers	3.00
ELC131	Circuit Analysis I	4.00
ENG111	Writing and Inquiry	3.00
MAT171	Precalculus Algebra	4.00
Select one of the following:		
PSY150	General Psychology	3.00
	OR	
SOC210	Introduction to Sociology	3.00
Spring Semester (18 Credit Hours)		
ELN131	Analog Electronics I	4.00
ELN133	Digital Electronics	4.00
MAT172	Precalculus Trigonometry	4.00
NOS120	Linux/UNIX Single User	3.00
Select one of the following:		
COM231	Public Speaking	3.00
	OR	
ENG114	Professional Research & Reporting	3.00
Fall Semester (18 Credit Hours)		
CET111	Computer Upgrade/Repair I	3.00
ELN260	Prog Logic Controllers	4.00
ELN234	Communication Systems	4.00
NOS130	Windows Single User	3.00
PHY151	College Physics I	4.00

Spring Semester (14 Credit Hours)

CSC153	C# Programming	3.00
ELN232	Introduction to Microprocessors	4.00
PHY152	College Physics II	4.00
	Select one Humanities Elective	3

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MUS110	Music Appreciation	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
State Corequisite Take MAT-071

ELECTRONICS ENGINEERING TECHNOLOGY (C40200), CERTIFICATE

Certificate Degree Requirements (16 Credit Hours)

Fall Semester (8 Credit Hours)

ELC131	Circuit Analysis I	4.00
ELN260	Prog Logic Controllers	4.00

Spring Semester (8 Credit Hours)

ELN131	Analog Electronics I	4.00
ELN133	Digital Electronics	4.00

Emergency Medical Science

The Emergency Medical Science Bridge program allows currently certified or nationally registered non-degree EMT-Paramedics to earn a two-year Associate in Applied Science Degree in Emergency Medical Science. Upon meeting all requirements and admissions to the Emergency Medical Science Bridge program, students receive 45 hours of proficiency credit for Emergency Medical Technician and Paramedic course degree. The bridge program provides formal education in EMS management, EMS education, advanced pre-hospital practice, and emerging research trends while allowing students to complete general education classes that meet the requirements for college transfer. The Emergency Medical Science curriculum provides individuals with the knowledge, skills, and attributes to provide advanced emergency medical care as a paramedic for critical and emergent patients who access the emergency medical system prepares graduates to enter the workforce. Students gain complex knowledge, competency, and experience while employing evidence-based practice under medical oversight and serve as a link from the scene into the healthcare system. Employment opportunities include providers of emergency medical services, fire departments, rescue agencies, hospital specialty areas, industry, educational and government agencies.

Emergency Medical Science Bridge Program

EMS Bridge Program Requirements (29 Credit Hours)

Fall Semester 11 Credit Hours		
ACA115	Success & Study Skills	1.00
BIO168	Anatomy and Physiology I	4.00
EMS280	EMS Bridging Course	3.00
ENG111	Writing and Inquiry	3.00
Spring Semester 13 Credit Hours		
BIO169	Anatomy and Physiology II	4.00
COM231	Public Speaking	3.00
MAT143	Quantitative Literacy	3.00
PSY150	General Psychology	3.00
Summer Semester 5 Credit Hours		
EMS235	EMS Management	2.00
HUM115	Critical Thinking	3.00

General Occupation Technology, RN to BSN Pathway

The General Occupational Technology curriculum provides individuals with an opportunity to upgrade their skills and to earn an associate degree by taking courses suited for their occupational interests and/or needs. The curriculum content will be individualized for students according to their occupational interests and needs. A program of study for each student will be selected from associate degree-level courses offered by the College.

The following courses are intended for students seeking admittance into the Associate Degree Nursing Program (A45110) or to become eligible for the *Uniform Articulation Agreement* for registered nurses moving between North Carolina community colleges and the constituent institutions of The University of North Carolina in order to complete Bachelor of Science in Nursing degrees.

This Registered Nurse to Bachelor of Science in Nursing Articulation Agreement (RN to BSN AA) is between the State Board of North Carolina Community Colleges and the University of North Carolina Board of Governors. It applies to all NC community colleges that operate associate degree nursing programs and to those eleven constituent institutions of the University of North Carolina that operate RN to BSN Programs (Appalachian State University, Fayetteville State University, East Carolina University, North Carolina Agricultural & Technical University, North Carolina Central University, UNC-Charlotte, UNC-Greensboro, UNC-Pembroke, UNC-Wilmington, Western Carolina University and Winston-Salem University).

RN to BSN Pathway (A55280N), Associate of Applied Science

AAS Degree Requirements (68-69 Credit Hours)

Fall Semester (16 Credit Hours)		
BIO168	Anatomy and Physiology I	4.00
ENG111	Writing and Inquiry	3.00
NAS101	Nurse Aide I	6.00
PSY150	General Psychology	3.00
Spring Semester (13-14 Credit Hours)		
BIO169	Anatomy and Physiology II	4.00
ENG112	Writing and Research in the Disciplines	3.00
PSY241	Developmental Psychology	3.00
	Select one of the following:	
MAT171	Precalculus Algebra	4.00
	OR	
MAT143	Quantitative Literacy	3.00
Summer Semester (6 Credit Hours)		
BIO175	General Microbiology	3.00
COM231	Public Speaking	3.00

NOTE: FULL-TIME STUDENTS FOLLOWING THIS SEMESTER-BY-SEMESTER WILL COMPLETE THEIR PRE-NURSING REQUIREMENTS AND ARE ELIGIBLE FOR ADMISSION INTO THE ASSOCIATE DEGREE NURSING PROGRAM BY THE END OF THE 1ST SUMMER SEMESTER.

Fall Semester (14 Credit Hours)		
ACA115	Success & Study Skills	1.00

ART111	Art Appreciation	3.00
SOC210	Introduction to Sociology	3.00
	Select one of the following:	
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00
HIS132	American History II	3.00
	Select one of the following:	
CHM130	General, Organic, & Biochemistry	3.00
CHM130A	General, Organic, & Biochemistry Lab	1.00
	OR	
CHM151	General Chemistry I	4.00

Spring Semester (19 Credit Hours)

ENG231	American Literature I	3.00
MAT152	Statistical Methods I	4.00
MUS110	Music Appreciation	3.00
SOC213	Sociology of the Family	3.00
	Select two of the following:	
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
POL120	American Government	3.00

Developmental Requirements:

CHM092	Fundamentals of Chemistry	4.00

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

General Occupation Technology, Welding and Machining Processes

The General Occupational Technology curriculum provides individuals with an opportunity to upgrade their skills and to earn an associate degree by taking courses suited for their occupational interests and/or needs. The curriculum content will be individualized for students according to their occupational interests and needs. A program of study for each student will be selected from associate degree-level courses offered by the College.

Graduates will become skilled workers, better qualified for advancements within their fields of welding, machining, and manufacturing.

Welding and Machining Processes (A55280W), Associate of Applied Science

AAS Degree Requirements (68 Credit Hours)

Fall Semester (19 Credit Hours)

ACA115	Success & Study Skills	1.00
ISC112	Industrial Safety	2.00
MAC121	Introduction to CNC	2.00
MEC111	Machine Processes I	3.00
WLD110	Cutting Processes	2.00
WLD115	SMAW (Stick) Plate	5.00
WLD121	GMAW (MIG) FCAW/Plate	4.00

Spring Semester (16 Credit Hours)

MAC122	CNC Turning	2.00
MAC124	CNC Milling	2.00
MEC110	Introduction to CAD/CAM	2.00
MEC112	Machine Processes II	3.00
WLD131	GTAW (TIG) Plate	4.00
WLD141	Symbols and Specifications	3.00

NOTE: STUDENTS WILL TAKE THE FIRST YEAR (FALL AND SPRING) AT ANSPACH ADVANCED MANUFACTURING FACILITY AT THE YANCEY LEARNING CENTER.

Summer Semester (3 Credit Hours)

Select one of the following:

PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00

Fall Semester (15 Credit Hours)

COM231	Public Speaking	3.00
ENG111	Writing and Inquiry	3.00
WLD116	SMAW (stick) Plate/Pipe	4.00
WLD122	GMAW (MIG) Plate/Pipe	3.00
WLD143	Welding Metallurgy	2.00

Spring Semester (15 Credit Hours)

HUM110	Technology and Society	3.00
MAT110	Mathematical Measurement and Literacy	3.00
WLD132	GTAW (TIG) Plate/Pipe	3.00
WLD151	Fabrication I	4.00
WLD261	Certification Practices	2.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 110
Take One Set
Set 1 DMA-010 DMA-020 DMA-030
MAT-010 should be taken as a required corequisite

Human Services Technology

The Human Services Technology curriculum prepares students for entry-level positions in institutions and agencies that provide social, community, and educational services. Along with core courses, students take courses to prepare them for specialization in specific human service areas. Students will take courses from a variety of disciplines. Emphasis in core courses is placed on development of relevant knowledge, skills, and attitudes in human services. Fieldwork experience will provide opportunities for application of knowledge and skills learned in the classroom.

Graduates should qualify for positions in mental health, child care, family services, social services, rehabilitation, corrections, and educational agencies. Graduates choosing to continue their education may select from a variety of transfer programs at senior public and private institutions. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.)for more information

Human Services Technology (A45380), Associate of Applied Science

AAS Degree Requirements (67-68 Credit Hours)

Fall Semester (16 Credit Hours)		
ACA115	Success & Study Skills	1.00
HSE110	Introduction to Human Services	3.00
PSY150	General Psychology	3.00
CIS110	Introduction to Computers	3.00
DDT110	Developmental Disabilities	3.00
HSE227	Children & Adolescents in Crisis	3.00
Spring Semester (18-19 Credit Hours)		
HSE220	Case Management	3.00
HSE242	Family Systems	3.00
SAB110	Substance Abuse Overview	3.00
SWK110	Intro to Social Work	3.00
ENG111	Writing and Inquiry	3.00
Select one of the following:		
MAT152	Statistical Methods I	4.00
	OR	
MAT143	Quantitative Literacy	3.00
Fall Semester (18 Credit Hours)		
HSE123	Interviewing Techniques	3.00
HSE125	Counseling	3.00
HSE225	Crisis Intervention	3.00
PSY281	Abnormal Psychology	3.00
COM231	Public Speaking	3.00
Select one of the following:		
SOC210	Introduction to Sociology	3.00
	OR	

SOC213	Sociology of the Family	3.00

Spring Semester (15 Credit Hours)

GRO120	Gerontology	3.00
HSE112	Group Process I	2.00
HSE210	Human Services Issues	2.00
PSY241	Developmental Psychology	3.00
WBL111	Work-Based Learning I	1.00
WBL115	Work-Based Learning Seminar I	1.00
	Select one Humanities Elective	3

WBL 111, WBL 115: WBL AGENCIES MAY REQUIRE BACKGROUND CHECKS, DRUG SCREENS, PHYSICALS, OR IMMUNIZATIONS. TO PARTICIPATE IN WBL, A STUDENT MUST BE IN GOOD STANDING WITH THE COLLEGE.

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MUS110	Music Appreciation	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 152
Set 1 DMA-010 DMA-020 DMA-030 and DRE-098
Set 3 MAT-003 and DRE-098
Set 4 MAT-003 and ENG-002
State Corequisite Take MAT-052

Human Services Technology (C45380), Certificate

Certificate Degree Requirements (12 Credit Hours)

Fall Semester (6 Credit Hours)

HSE110	Introduction to Human Services	3.00
HSE125	Counseling	3.00

Spring Semester (6 Credit Hours)

HSE227	Children & Adolescents in Crisis	3.00
SWK110	Intro to Social Work	3.00

INFORMATION TECHNOLOGY

The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

Course work includes development of a student's ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies, which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information.

INFORMATION TECHNOLOGY (A25590), ASSOCIATE OF APPLIED SCIENCE

AAS Degree Requirements (67-68 Credit Hours)

Fall Semester (16 Credit Hours)		
ACA115	Success & Study Skills	1.00
CET111	Computer Upgrade/Repair I	3.00
CIS110	Introduction to Computers	3.00
CTI120	Network and Security Foundation	3.00
DBA110	Database Concepts	3.00
Select one of the following		
BUS110	Introduction to Business	3.00
	OR	
WEB151	Mobile Application Development I	3.00
Spring Semester (15-16 Credit Hours)		
CTS115	Information Systems Business Concepts	3.00
NET125	Introduction to Networks	3.00
NOS120	Linux/UNIX Single User	3.00
OST137	Office Applications I	3.00
Select one of the following		
MAT121	Algebra/Trigonometry I	3.00
	OR	
MAT143	Quantitative Literacy	3.00
	OR	
MAT171	Precalculus Algebra	4.00

Fall Semester (18 Credit Hours)		
CIS115	Introduction to Programming and Logic	3.00
ENG111	Writing and Inquiry	3.00
NOS130	Windows Single User	3.00
WEB115	Web Markup and Scripting	3.00
Select one of the following		
SEC110	Security Concepts	3.00
	OR	
WEB210	Web Design	3.00
Select one of the following:		
PSY150	General Psychology	3.00
	OR	
SOC210	Introduction to Sociology	3.00
	OR	
ECO251	Principles of Microeconomics	3.00
Spring Semester (18 Semester Hours)		
COM231	Public Speaking	3.00
CSC153	C# Programming	3.00
CTI110	Web, Programming, and Database	3.00
NOS230	Windows Administration I	3.00
	Select one Humanities Elective	3
Select one of the following		
BUS260	Business Communication	3.00
	OR	
WEB120	Introduction to Internet Multimedia	3.00
Humanities Electives:		
ART111	Art Appreciation	3.00
HUM110	Technology and Society	3.00
HUM115	Critical Thinking	3.00
HUM230	Leadership Development	3.00
MUS110	Music Appreciation	3.00
PHI240	Introduction to Ethics	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

Computer Programming (C25590), Certificate

Certificate Requirements (15 Semester Hours)

Fall Semester (9 Semester Hours)

CIS110	Introduction to Computers	3.00
CIS115	Introduction to Programming and Logic	3.00
DBA110	Database Concepts	3.00

Spring Semester (6 Semester Hours)

CSC153	C# Programming	3.00
CTS115	Information Systems Business Concepts	3.00

Industry Recognized Information Technology Certifications

Certification Opportunities

With successful completion of the following courses, students should be prepared to test for the following corresponding certifications:

CompTIA A+ 220-1002

NOS130	Windows Single User	3.00

CompTIA A+ 220-1001

CET111	Computer Upgrade/Repair I	3.00

Microsoft Office Specialist (MOS): Access

Microsoft Technology Associate (MTA): Database Fundamentals

DBA110	Database Concepts	3.00

Linux Professional Institute (LPI): Linux Essentials

NOS120	Linux/UNIX Single User	3.00

Microsoft Technology Associate (MTA): Networking Fundamentals

CompTIA Network+ N10-007

NET125	Introduction to Networks	3.00

Microsoft Office Specialist (MOS): Word Core

Microsoft Office Specialist (MOS): Excel Core

OST137	Office Applications I	3.00

Microsoft Technology Associate (MTA): Windows Server Administration Fundamentals

NOS230	Windows Administration I	3.00

CompTIA Security+ SY0-501

SEC110	Security Concepts	3.00

Medical Assisting

The Medical Assisting curriculum prepares multi-skilled health care professionals qualified to perform administrative, clinical, and laboratory procedures. Course work includes instruction in scheduling appointments, coding and processing insurance accounts, billing, collections, medical transcription, computer operations, assisting with examinations/treatments, performing routine laboratory procedures, electrocardiography, supervised medical administration, and ethical/legal issues associated with patient care.

Graduates of CAAHEP-accredited medical assisting programs may be eligible to sit for the American Association of Medical Assistants' Certification Examination to become Certified Medical Assistants. Employment opportunities include physicians' offices, health maintenance organizations, health departments, and hospitals. Once a student is accepted into the Medical Assisting Program, courses must be taken in sequence.

Medical Assisting (A45400), Associate of Applied Science

AAS Degree Requirements (72 Credit Hours)

Fall Semester (20 Credit Hours)		
ACA115	Success & Study Skills	1.00
BIO163	Basic Anatomy & Physiology	5.00
MED110	Orientation to Medical Assisting	1.00
MED121	Medical Terminology I	3.00
MED122	Medical Terminology II	3.00
MED130	Administrative Office Procedures I	2.00
MED140	Examining Room Procedures I	5.00

Spring Semester (18 Credit Hours)		
CIS110	Introduction to Computers	3.00
ENG111	Writing and Inquiry	3.00
MED118	Medical Law and Ethics	2.00
MED150	Laboratory Procedures I	5.00
MED240	Examining Room Procedures II	5.00

Summer Semester (6 Credit Hours)		
MED260	MED Clinical Practicum	5.00
MED262	Clinical Perspectives	1.00

Fall Semester (17 Credit Hours)		
ENG112	Writing and Research in the Disciplines	3.00
MED270	Symptomatology	3.00
OST148	Medical Insurance and Billing	3.00

Select one of the following		
ACC115	College Accounting	4.00
	OR	
ACC120	Principles of Financial Accounting	4.00

Select one of the following:

BIO110	Principles of Biology	4.00
	OR	
BIO111	General Biology I	4.00

Spring Semester (11 Credit Hours)

BUS137	Principles of Management	3.00
MED131	Administrative Office Procedures II	2.00
PSY150	General Psychology	3.00
	Select one Humanities Elective	3

Humanities Elective:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM110	Technology and Society	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
MUS110	Music Appreciation	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

NOTE: THE MEDICAL ASSISTING PROGRAM IS ACCREDITED BY THE COMMISSION ON ACCREDITATION OF ALLIED HEALTH EDUCATION PRO- GRAMS (WWW.CAAHEP.ORG) UPON THE RECOMMENDATION OF MEDICAL ASSISTING EDUCATION REVIEW BOARD (MAERB).

MEDICAL ASSISTING (D45400), DIPLOMA

ARF retention outcomes for posting 2020

The Medical Assisting program at Mayland Community College has a retention rate of 87.50% for the admission cohort that entered in 2017.

Diploma Requirements (44 Semester Hours)

Fall Semester (20 Semester Hours)

BIO163	Basic Anatomy & Physiology	5.00
MED110	Orientation to Medical Assisting	1.00
MED121	Medical Terminology I	3.00
MED122	Medical Terminology II	3.00
MED130	Administrative Office Procedures I	2.00
MED140	Examining Room Procedures I	5.00
ACA115	Success & Study Skills	1.00

Spring Semester (18 Semester Hours)

CIS110	Introduction to Computers	3.00
ENG111	Writing and Inquiry	3.00
MED118	Medical Law and Ethics	2.00
MED150	Laboratory Procedures I	5.00
MED240	Examining Room Procedures II	5.00

Summer Semester (6 Semester Hours)

MED260	MED Clinical Practicum	5.00
MED262	Clinical Perspectives	1.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

The Mayland Community College medical assisting program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of Medical Assisting Education Review Board (MAERB)." Commission on Accreditation of Allied Health Education Programs 25400 US Highway 19 N., Suite 158 Clearwater, FL 33763 727-210-2350 www.caahep.org

Medical Assisting (C45400), Certificate

Certificate Requirements (14 Semester Hours)

Fall Semester (12 Semester Hours)

BIO163	Basic Anatomy & Physiology	5.00
MED110	Orientation to Medical Assisting	1.00
MED121	Medical Terminology I	3.00
MED122	Medical Terminology II	3.00

Spring Semester (2 Semester Hours)

MED118	Medical Law and Ethics	2.00

Medical Office Administration (C45400A), Certificate

Certificate Requirements (15 Semester Hours)

Fall Semester (11 Semester Hours)

MED121	Medical Terminology I	3.00
MED122	Medical Terminology II	3.00
MED130	Administrative Office Procedures I	2.00
OST148	Medical Insurance and Billing	3.00

Spring Semester (4 Semester Hours)

MED118	Medical Law and Ethics	2.00
MED131	Administrative Office Procedures II	2.00

NURSING

The Associate Degree Nursing curriculum provides knowledge, skills, and strategies to integrate safety and quality into nursing care, to practice in a dynamic environment, and to meet individual needs that impact health, quality of life, and achievement of potential. Course work includes and builds upon the domains of healthcare, nursing practice, and the holistic individual. Content emphasizes the nurse as a member of the interdisciplinary team providing safe, individualized care while employing evidence-based practice, quality improvement, and informatics.

Graduates of this program are eligible to apply to take the National Council Licensure Examination (NCLEX-RN). Employment opportunities are vast within the global health care system and may include positions within acute, chronic, extended, industrial, and community health care facilities. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information. Please see special admissions requirements.

ASSOCIATE DEGREE NURSING (A45110),

AAS Degree Requirements (73-74 Credit Hours)

Fall Semester (19 Credit Hours)		
ACA118	College Study Skills	2.00
ENG111	Writing and Inquiry	3.00
NUR111	Introduction to Health Concepts	8.00
NUR117	Pharmacology	2.00
BIO168	Anatomy and Physiology I	4.00
Spring Semester (17 Credit Hours)		
NUR112	Health-Illness Concepts	5.00
NUR114	Holistic Health Concepts	5.00
PSY150	General Psychology	3.00
BIO169	Anatomy and Physiology II	4.00

NOTE: STUDENTS WITH A CURRENT NURSE AIDE I CERTIFICATION WHO SUCCESSFULLY COMPLETE THE 1ST AND 2ND SEMESTERS ARE ELIGIBLE TO APPLY TO BE CERTIFIED AS A NURSE AIDE II THROUGH THE NORTH CAROLINA BOARD OF NURSING, IF THEY SO DESIRE.

Summer Semester (8-9 Credit Hours)		
NUR113	Family Health Concepts	5.00
Select one of the following:		
BIO175	General Microbiology	3.00
BIO275	Microbiology	4.00
Fall Semester (13 Credit Hours)		
NUR211	Health Care Concepts	5.00
PSY241	Developmental Psychology	3.00
NUR212	Health System Concepts	5.00
Spring Semester (16 Credit Hours)		
ENG112	Writing and Research in the Disciplines	3.00
NUR213	Complex Health Concepts	10.00

	Select one Humanities Elective	3

Humanities Electives:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM115	Critical Thinking	3.00
MUS110	Music Appreciation	3.00
PHI215	Philosophical Issues	3.00
PHI240	Introduction to Ethics	3.00

Developmental Requirements:

CHM092	Fundamentals of Chemistry	4.00

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 152
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 and DRE-098
Set 3 MAT-003 and DRE-098
Set 4 MAT-003 and ENG-002
State Corequisite Take MAT-052

ART 111, ART 114, ART 115: Are Universal General Education Transfer (UGETC) classes, Associate in Science. The student must take and successfully earn a "C" or better in any course as scheduled in the nursing program semester-by-semester plan above. Students may take a non-nursing course early but cannot take any course later than scheduled in the above plan.

OTHER EXPENSES:
Students in the Nursing program will be required to buy uniforms and shoes. Additionally, students should be prepared to pay for costs associated with achievement tests, photocopying, transportation to clinical sites, and additional graduation expenses are required. Total additional costs for the program are estimated at $2,500.

ASSOCIATE NURSING DEGREE - ADVANCED PLACEMENT (A45110A)

The Advanced Placement Program is designed to provide an opportunity for current licensed practical nurses to complete the Associate Degree Nursing Program.

Coursework includes and builds upon the domains of healthcare, nursing practice, and the holistic individual. Content emphasizes the nurse as a member of the interdisciplinary team providing safe, individualized care while employing evidence-based practice, quality improvement, and informatics.

Graduates of this program are eligible to apply to take the National Council Licensure Examination (NCLEXRN). Employment opportunities are vast within the global health care system and may include positions within acute, chronic, extended, industrial, and community health care facilities. Upon completion of this degree, a Bachelor's degree can be earned through partnership agreements with select colleges/universities. See Transfer options for Associate in Applied Science degrees (p.) for more information. Please see special admissions requirements.

NOTE: Advanced Placement students enter in the Spring Semester, and BIO 168 and ENG 111 must be taken prior to admission in the spring.

AAS Degree Requirements (61-62 Credit Hours)

Fall Semester (7 Credit Hours)		
BIO168	Anatomy and Physiology I	4.00
ENG111	Writing and Inquiry	3.00
Spring Semester (17 Credit Hours)		
BIO169	Anatomy and Physiology II	4.00
NUR112	Health-Illness Concepts	5.00
NUR114	Holistic Health Concepts	5.00
PSY150	General Psychology	3.00
Summer Semester (8-9 Credit Hours)		
NUR113	Family Health Concepts	5.00
Select one of the following:		
BIO175	General Microbiology	3.00
BIO275	Microbiology	4.00
Fall Semester (13 Credit Hours)		
NUR211	Health Care Concepts	5.00
NUR212	Health System Concepts	5.00
PSY241	Developmental Psychology	3.00
Spring Semester (16 Credit Hours)		
NUR213	Complex Health Concepts	10.00
ENG112	Writing and Research in the Disciplines	3.00
	Select one Humanities Elective	3
Humanities Electives:		
ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
HUM115	Critical Thinking	3.00
MUS110	Music Appreciation	3.00
PHI215	Philosophical Issues	3.00
PHI240	Introduction to Ethics	3.00
Developmental Requirements:		
CHM092	Fundamentals of Chemistry	4.00

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 152
Take One Set

Set 1 DMA-010 DMA-020 DMA-030 and DRE-098
Set 3 MAT-003 and DRE-098
Set 4 MAT-003 and ENG-002
State Corequisite Take MAT-052

ART 111, ART 114, ART 115: Are Universal General Education Transfer (UGETC) classes, Associate in Science. The student must take and successfully earn a "C" or better in any course as scheduled in the nursing program semester-by-semester plan above. Students may take a non-nursing course early but cannot take any course later than scheduled in the above plan.

OTHER EXPENSES:

Students in the Nursing program will be required to buy uniforms and shoes. Additionally, students should be prepared to pay for costs associated with achievement tests, photocopying, transportation to clinical sites, and additional graduation expenses are required. Total additional costs for the program are estimated at $2,000.

Nurse Aide

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, Geriatric Aide, and Medication Aide.

Nurse Aide (C45840), Certificate

Certificate Requirements (13 Credit Hours)

Fall Semester (6 Credit Hours)		
NAS101	Nurse Aide I	6.00
Spring Semester (7 Credit Hours)		
NAS106	Geriatric Aide	6.00
NAS107	Medication Aide	1.00

The Nurse Aide Certificate is offered both day and evening periodically throughout the year.

NOTES:

NAS 101 – NURSE AIDE I

SUCCESSFUL COMPLETION OF THIS COURSE WILL PREPARE STUDENTS TO TAKE THE NC NURSE AIDE I COMPETENCY EXAM. WITH SUCCESSFUL COMPLETION OF THE NC NURSE AIDE I COMPETENCY EXAM, STUDENTS ARE ELIGIBLE TO BE LISTED ON THE NC DIVISION OF HEALTH SERVICES NURSE AIDE I REGISTRY.

FOR MORE INFORMATION HTTPS://WWW.NCNAR.ORG/NCNA.HTML.

STUDENTS MUST APPLY FOR TESTING AND LISTING ON THE NORTH CAROLINA DIVISION OF HEALTH SERVICE REGULATION (DHSR) NURSE AIDE I REGISTRY AS SOON AS POSSIBLE (I.E., WITHIN TEN (10) CALENDAR DAYS) AFTER COMPLETION THE NURSE AIDE I EDUCATION/TRAINING PROGRAM PORTION OF THEIR COURSE.

NAS 106 – GERIATRIC AIDE

SUCCESSFUL COMPLETION OF THIS COURSE WILL MAKE NURSE AIDE I REGISTERED STUDENTS ELIGIBLE TO BE LISTED ON THE NC DIVISION OF HEALTH SERVICES GERIATRIC AIDE REGISTRY.

FOR MORE INFORMATION HTTPS://WWW.NCNAR.ORG/NCGA.HTML.

NAS 107 - MEDICATION AIDE IS OFFERED IN THE SUMMER SEMESTER.

SUCCESSFUL COMPLETION OF THIS COURSE WILL PREPARE STUDENTS TO TAKE THE NC MEDICATION AIDE COMPETENCY EXAM. WITH SUCCESSFUL COMPLETION OF THE NC MEDICATION AIDE COMPETENCY EXAM, STUDENTS ARE ELIGIBLE TO BE LISTED ON THE NC DIVISION OF HEALTH SERVICES MEDICATION AIDE REGISTRY. STUDENTS MUST HAVE A HIGH SCHOOL DIPLOMA OR GED TO BE APPROVED BY THE NORTH CAROLINA BOARD OF NURSING (NCBON) FOR MEDICATION AIDE.

FOR MORE INFORMATION HTTPS://WWW.NCNAR.ORG/NCMA.HTML.

Practical Nursing

The Practical Nursing curriculum provides knowledge and skills to integrate safety and quality into nursing care to meet the needs of the holistic individual that impact health, quality of life, and achievement of potential.

Course work includes and builds upon the domains of healthcare, nursing practice, and the holistic individual. Content emphasizes safe, individualized nursing care and participation in the interdisciplinary team while employing evidence-based practice, quality improvement, and informatics.

Graduates are eligible to apply to take the National Council Licensure Examination (NCLEX-PN), which is required for practice as a Licensed Practical Nurse. Employment opportunities include hospitals, rehabilitation/long term care/home health facilities, clinics, and physicians' offices. See special admission Requirements.

Practical Nursing (D45660), Diploma

Diploma Requirements (46 Credit Hours)

Spring Semester (17 Credit Hours)		
ACA118	College Study Skills	2.00
BIO168	Anatomy and Physiology I	4.00
NUR101	Practical Nursing I	11.00
Summer Semester (17 Credit Hours)		
BIO169	Anatomy and Physiology II	4.00
ENG111	Writing and Inquiry	3.00
NUR102	Practical Nursing II	10.00
Fall Semester (12 Credit Hours)		
NUR103	Practical Nursing III	9.00
PSY150	General Psychology	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

OTHER EXPENSES:

Students in the Nursing program will be required to buy uniforms and shoes. Additionally, students should be prepared to pay for costs associated with achievement tests, photocopying, transportation to clinical sites, and additional graduation expenses are required. Total additional costs for the program are estimated at $1,800.

Associate in Arts Teacher Preparation Degree (A1010T)

The Associate in Arts Teacher Preparation degree is designed for students to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree. The program of study includes thirty-one to thirty-two (31-32) semester hours of Universal General Education Transfer Component Courses (UGETC) as follows:

Communication (3)
English Composition (6)
History (3)
Humanities/Fine Arts (6)
Mathematics (3-4)
Natural Sciences (4)
Social/Behavioral Sciences (6)

Students should consult with institutions to which they would like to transfer for academic course selection guidance. Meeting with MCC faculty advisors and taking ACA 122 College Transfer Success will be instrumental in the development of a successful transfer plan.

Associate in Arts Teacher Preparation Program (A1010T)

Associate in Arts Teacher Preparation 61 Semester

Hours Credit (SHC)

Universal General Education Transfer Component (46 SHC)

English Comp. (6 SHC)

ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00

Communication (3 SHC)

COM231	Public Speaking	3.00
	OR	

Humanities/Fine Arts (6 SHC)

Select two courses from:

ART111	Art Appreciation	3.00

	OR	
MUS110	Music Appreciation	3.00
	AND	
ENG231	American Literature I	3.00
	OR	
ENG241	British Literature I	3.00

Social/Behavioral Sciences (6 SHC)

Select two courses from at least two different disciplines

PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00
HIS111	World Civilizations I	3.00
	OR	
HIS112	World Civilizations II	3.00

Mathematics (3-4 SHC)

Select one course from the following:

MAT143	Quantitative Literacy	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00

Natural Sciences (4 SHC)

Select 4 SHC from the following course options:

BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00
CHM151	General Chemistry I	4.00

Additional General Education Hours (18 SHC)
Select 15 SHC from:

CIS110	Introduction to Computers	3.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HUM110	Technology and Society	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00

SPA112	Elementary Spanish II	3.00

Select 3 SHC from:

SOC225	Social Diversity	3.00

Other Required Hours (14 SHC)

CIS110	Introduction to Computers	3.00
ACA122	College Transfer Success	1.00

Select 14 SHC from:

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

Select 1 SHC from:

ACA122	College Transfer Success

Developmental Requirements

ENG-111

Take One Set

Set 1 DRE-097

Set 2 ENG-002

State Corequisites Take ENG-011

MAT 171

Take One Set

Set 1 DMA-010 DMA-020 DMA-030 DMA-040 DMA-050

Set 2 MAT-121

Set 3 MAT-003

State Corequisite Take MAT-071

Associate in Science Teacher Preparation Degree (A1040T)

The Associate in Science Teacher Preparation degree is designed for students to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree. The program of study includes thirty-one (31) semester hours of Universal General Education Transfer Component Courses (UGETC) as follows:

Communication (3)
English Composition (6)
Social/Behavioral Sciences (3)
Mathematics (8)
Natural Sciences (8)
Humanities/Fine Arts (3)

Students should consult with institutions to which they would like to transfer for academic course selection guidance. Meeting with MCC faculty advisors and taking ACA 122 College Transfer Success will be instrumental in the development of a successful transfer plan.

Associate in Science Teacher Preparation Program (A1040T)

Associate in Science Teacher Preparation 61 Semester Hours Credit – (SHC)

Universal General Education Transfer Component (46 SHC)

English Comp. (6 SHC)

ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00

Communication (3 SHC)

COM231	Public Speaking	3.00
	OR	

Humanities/Fine Arts (3 SHC)

Select 1 course from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ENG231	American Literature I	3.00
ENG241	British Literature I	3.00
MUS110	Music Appreciation	3.00

Social/Behavioral Sciences (3 SHC)

Select 1 course from:

HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00

Mathematics (8 SHC)

Select 2 courses from the following:

MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00

Natural Sciences (8 SHC)

Select 8 SHC from the following:

BIO111	General Biology I	4.00
	AND	
BIO112	General Biology II	4.00
CHM151	General Chemistry I	4.00
CHM152	General Chemistry II	4.00

Additional General Education Hours (15 SHC)

Select 12 SHC from:

CIS110	Introduction to Computers	3.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HUM110	Technology and Society	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00
SPA112	Elementary Spanish II	3.00

Select 3 SHC from:

SOC225	Social Diversity	3.00

Other Required Hours (15 SHC)

Select 14 hours from:

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

Select 1 SHC from:

ACA122	College Transfer Success	1.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040 DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

Welding Technology

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

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

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

Welding Technology (D50420), Diploma

Diploma Requirements, Evening Program (43 Credit Hours)

Fall Semester (11 Credit Hours)		
ACA115	Success & Study Skills	1.00
WLD110	Cutting Processes	2.00
WLD115	SMAW (Stick) Plate	5.00
WLD141	Symbols and Specifications	3.00
Spring Semester (8 Credit Hours)		
WLD121	GMAW (MIG) FCAW/Plate	4.00
WLD131	GTAW (TIG) Plate	4.00
Fall Semester (9 Credit Hours)		
WLD116	SMAW (stick) Plate/Pipe	4.00
WLD122	GMAW (MIG) Plate/Pipe	3.00
WLD143	Welding Metallurgy	2.00
Spring Semester (15 Credit Hours)		
ENG101	Applied Communications I	3.00
MAT110	Mathematical Measurement and Literacy	3.00
WLD132	GTAW (TIG) Plate/Pipe	3.00
WLD151	Fabrication I	4.00
WLD261	Certification Practices	2.00

Developmental Requirements:

MAT 110
Take One Set
Set 1 DMA-010 DMA-020 DMA-030
MAT-010 should be taken as a required corequisite

Basic Welding (C50420B), Certificate

Basic Certificate (18 Credit Hours)

Fall Semester (10 Credit Hours)		
WLD110	Cutting Processes	2.00

WLD115	SMAW (Stick) Plate	5.00
WLD141	Symbols and Specifications	3.00

Spring Semester (8 Credit Hours)

WLD121	GMAW (MIG) FCAW/Plate	4.00
WLD131	GTAW (TIG) Plate	4.00

Intermediate Welding (C50420I), Certificate

Intermediate Certificate (18 Credit Hours)

Fall Semester (9 Credit Hours)

WLD116	SMAW (stick) Plate/Pipe	4.00
WLD122	GMAW (MIG) Plate/Pipe	3.00
WLD143	Welding Metallurgy	2.00

Spring Semester (9 Credit Hours)

WLD132	GTAW (TIG) Plate/Pipe	3.00
WLD151	Fabrication I	4.00
WLD261	Certification Practices	2.00

Transfer Options for Associate in Applied Science Degrees

Associate in Applied Science (AAS) degrees are primarily designed to prepare students for a particular field of work rather than for use in transferring to a four-year institution. However, some universities do provide significantly more transfer credit for certain MCC AAS degrees than is normally granted. These institutions are listed below. In many cases, students have just two years left to complete after finishing their AAS degree. Students should consult with MCC academic advisors and transfer counselors as well as staff at their transfer university for details on exactly how much credit will transfer for a particular AAS program.

Completed this AAS degree at Mayland Community College	**Transfer to the college/university to earn your Bachelor's degree**
AAS, Business Administration	**Gardner-Webb University** **BS in Business (Online)** **BS in Accounting (Online)** **BS in Health Management** **Milligan College** **BS in Business Administration** **Lees-McRae College** **BAAS in Business Administration (online)**
AAS, Criminal Justice Technology	**Gardner-Webb University** **BS in Criminal Justice** **Lees-McRae College** **BA in Criminal Justice (Online)** **Western Carolina University** **BS in Criminal Justice (Online)**
AAS, Electronics Engineering Technology **AAS, Computer Engineering Technology**	**East Tennessee State University** **BS in Engineering Technology** **University of NC at Charlotte** **BS in Engineering Technology (Online)** **Western Carolina University** **BS in Telecommunications Engineering Technology, Electronics Engineering Technology: Automation Concentration**
AAS, Human Services Technology	**Gardner-Webb University** **BS in Human Services** **East Tennessee State University** **BS in Human Services**

	Lees-McRae College **BAAS in Human Services (Online)** **Mars Hill University** **BSW in Social Work**
AAS, Information Technology	**East Carolina University** **BS in Industrial Technology Concentration in Information & Computer Technology (Online)**
ADN Nursing	**East Tennessee State University** **BS in Nursing (Online)** **Gardner-Webb University** **BS in Nursing (Online)** **Lees-McRae College** **BS in Nursing (Online)** **Milligan College** **BS in Nursing**

TRANSFER PROGRAMS

Transfer programs are designed for MCC students who plan to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree.

College transfer programs at MCC include the following:

- Associate in Arts (A10100)
- Associate in Science (A10400)
- Associate in General Education - Nursing (A1030N)

Students are strongly encouraged to consult with (1) their MCC faculty advisors, (2) Doug Dewar in the Counseling and Disability Services, and (3) any institutions to which they would like to transfer for academic course selection guidance. Students intending to transfer should also take ACA 122: College Transfer Success as they begin their studies at MCC.

MCC is one of fifty-eight North Carolina community colleges participating in the State's Comprehensive Articulation Agreement (CAA), which governs the transfer of credits between NC community colleges and NC public universities. The objective of this agreement, commonly referred to as the CAA, is to provide smooth transfer for students.

Per the 2014 Comprehensive Articulation Agreement (CAA):

- The CAA enables North Carolina community college graduates of two-year Associate in Arts (AA) and Associate In Science (AS) degree programs who are admitted to constituent institutions of the University of North Carolina to transfer with junior status.
- Universities cannot place requirements on students transferring under the CAA that are not required of their native students.
- A student who completes the Associate in Arts or Associate in Science degree prior to transfer to a UNC institution will have fulfilled the UNC institution's lower-division general education requirements.
- Due to degree requirements in some majors, additional courses at the UNC institution may be required beyond the general education courses and pre-major courses taken at the community college.
- Community college graduates of the Associate in Arts or Associate in Science degree programs who have earned sixty (60) semester hours in approved transfer courses with a grade of "C" or better and an overall GPA of at least 2.0 on a 4.0 scale will receive at least sixty semester hours of academic credit upon admission to a UNC institution.
- Requirements for admission to some major programs may require additional pre-specialty courses beyond the pre-major taken at the community college. Students entering such programs may need more than two academic years of course work to complete the baccalaureate degree, depending on requirements of the program.
- All courses approved for transfer in the CAA are designated as fulfilling general education or pre-major/ elective requirements. While general education and pre-major courses may also be used as electives, elective courses may not be used to fulfill general education requirements.
- CAA courses taken beyond the sixty-one (61) semester hours of credit in which the student received less than a "C" will not negate the provisions of the CAA.

Students who graduate from MCC, or any North Carolina community college, with an Associate in Arts (AA) or Associate in Science (AS) degree are assured admission to one of the sixteen (16) UNC institutions under the following conditions according to the CAA and Transfer Assured Admissions Policy (TAAP):

- Admission is not assured to a specific campus or specific program or major.
- Students must meet all requirements of the CAA.
- Students must have an overall GPA of at least 2.0 on a 4.0 scale, as calculated by the college from which they graduated, and a grade of "C" or better in all CAA courses.
- Students must be academically eligible for re-admission to the last institution attended.
- Students must meet judicial requirements of the institution to which they apply.
- Students must meet all application requirements at the receiving institution, including the submission of all required documentation by stated deadlines.

Below is a listing of the sixteen (16) UNC institutions for transfer students to consider:

- Appalachian State University
- East Carolina University
- Elizabeth City State University
- Fayetteville State University
- NC A&T State University
- NC Central University
- NC State University
- Western Carolina University
- Winston-Salem State University
- UNC Asheville
- UNC Chapel Hill
- UNC Charlotte
- UNC Greensboro
- UNC Pembroke
- UNC School of the Arts
- UNC Wilmington

For transfer students not completing the Associate in Arts (AA) or Associate in Science (AS) degrees:

A North Carolina community college student who satisfactorily completes, with a grade of "C" or better, courses identified in the Universal General Education Transfer Component (UGETC) will receive credit applied toward the university's lower-division general education course requirements.

A North Carolina community college student who satisfactorily completes a transfer course that is not designated as a Universal General Education Transfer Component (UGETC) course will receive transfer credit for the course. The receiving institution will determine whether the course will count as general education, pre-major, or elective credit.

Most private colleges and universities in North Carolina follow the Independent Comprehensive Articulation Agreement (ICAA). Students are encouraged to contact private institutions of interest to learn more about their specific admissions requirements.

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

ASSOCIATE IN ARTS DEVELOPMENTAL REQUIREMENTS: DRE 096, DRE 097, DRE 098, DMA 010, DMA 020, DMA 030, DMA 040, DMA 050, and either DMA 060, DMA 070, DMA 080

Associate in Arts Degree (A10100)

The Associate in Arts degree is designed for students to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree. The program of study includes thirty-one to thirty-two (31-32) semester hours of Universal General Education Transfer Component Courses (UGETC) as follows:

Communication (3)	**Mathematics (3-4)**
English Composition (6)	**Natural Sciences (4)**
History (3)	**Social/Behavioral Sciences (6)**
Humanities/Fine Arts (6)	

Students should consult with institutions to which they would like to transfer for academic course selection guidance. Meeting with MCC faculty advisors and taking ACA 122 College Transfer Success will be instrumental in the development of a successful transfer plan.

Associate in Arts Program (A10100)

Associate in Arts 60 Semester Hours Credit (SHC)

Universal General Education Transfer Component (31-32 SHC)

English Comp. (6 SHC)

ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00

Communication (3 SHC)

COM231	Public Speaking	3.00

Humanities/Fine Arts (6 SHC)

Select two courses from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
MUS110	Music Appreciation	3.00

History (3 SHC)

Select one course from:

HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00
HIS132	American History II	3.00

Social/Behavioral Sciences (6 SHC)

Select two courses from:

ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00

Mathematics (3-4 SHC)

Select one course from the following:

MAT143	Quantitative Literacy	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00

Natural Sciences (4 SHC)

Select 4 SHC from the following course options:

AST151	General Astronomy I	3.00
AST151A	General Astronomy I Lab	1.00
BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00
CHM151	General Chemistry I	4.00
GEL111	Geology	4.00
PHY110	Conceptual Physics	3.00
PHY110A	Conceptual Physics Lab	1.00

Additional General Education Hours (14 SHC)

An additional **14 Semester Hours Credit** should be selected from courses classified as general education within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university. ART 111, ART 114, ART 115, AST 151, AST 151A, BIO 110, BIO 112, CHM 151, CHM 152, ECO 251, ECO 252, ENG 231, ENG 232, ENG 241, ENG 242, GEL 111, HIS 111, HIS 112, HIS 131, HIS 132, MAT 143, MAT 152, MAT 171, MAT 172, MAT 271, MAT 272, MUS 110, PHY 110, PHY 110A, PHY 151, PHY 152, POL 120, PSY 150, SOC 210 are Universal General Education Transfer (UGETC) classes, Associate in Arts.

Select 14 SHC from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
AST151	General Astronomy I	3.00
AST151A	General Astronomy I Lab	1.00
AST152	General Astronomy II	3.00
AST152A	General Astronomy II Lab	1.00
BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00
BIO112	General Biology II	4.00
BIO140	Environmental Biology	3.00
BIO140A	Environmental Biology Lab	1.00
CHM131	Introduction to Chemistry	3.00
CHM131A	Introduction to Chemistry Lab	1.00
CHM151	General Chemistry I	4.00

CHM152	General Chemistry II	4.00
CIS115	Introduction to Programming and Logic	3.00
COM231	Public Speaking	3.00
DRA111	Theatre Appreciation	3.00
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00
ENG113	Literature-Based Research	3.00
ENG114	Professional Research & Reporting	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
GEL111	Geology	4.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00
HIS132	American History II	3.00
HUM110	Technology and Society	3.00
HUM115	Critical Thinking	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MAT143	Quantitative Literacy	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00
MUS110	Music Appreciation	3.00
PHY110	Conceptual Physics	3.00
PHY110A	Conceptual Physics Lab	1.00
PHY151	College Physics I	4.00
PHY152	College Physics II	4.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
PSY281	Abnormal Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00
SPA112	Elementary Spanish II	3.00

Other Required Hours (15 SHC)

CIS110	Introduction to Computers	3.00
ACA122	College Transfer Success	1.00

An additional **11 Semesters Hours Credit** should be selected from courses classified as pre-major, elective, or general education courses within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer-university. ART 111, ART 114, ART 115, AST 151, AST 151A, BIO

110, BIO 111, BIO 112, CHM 151, CHM 152, ECO 251, ECO 252, ENG 231, ENG 232, ENG 241, ENG 242, GEL 111, HIS 111, HIS 112, HIS 131, HIS 132, MAT 143, MAT 152, MAT 171, MAT 172, MAT 271, MAT 272, MUS 110, PHY 110, PHY 110A, PHY 151, PHY 152, POL 120, PSY 150, SOC 210: Are Universal General Education Transfer (UGETC) classes, Associate in Arts.

Select 11 SHC from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
AST151	General Astronomy I	3.00
AST151A	General Astronomy I Lab	1.00
AST152	General Astronomy II	3.00
AST152A	General Astronomy II Lab	1.00
BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00
BIO112	General Biology II	4.00
BIO140	Environmental Biology	3.00
BIO140A	Environmental Biology Lab	1.00
BIO163	Basic Anatomy & Physiology	5.00
BIO168	Anatomy and Physiology I	4.00
BIO169	Anatomy and Physiology II	4.00
BIO175	General Microbiology	3.00
BIO242	Natural Resource Conservation	3.00
BIO275	Microbiology	4.00
BUS110	Introduction to Business	3.00
BUS115	Business Law I	3.00
BUS137	Principles of Management	3.00
CHM130	General, Organic, & Biochemistry	3.00
CHM130A	General, Organic, & Biochemistry Lab	1.00
CHM131	Introduction to Chemistry	3.00
CHM131A	Introduction to Chemistry Lab	1.00
CHM151	General Chemistry I	4.00
CHM152	General Chemistry II	4.00
CIS115	Introduction to Programming and Logic	3.00
CJC111	Introduction to Criminal Justice	3.00
CJC121	Law Enforcement Operations	3.00
CJC141	Corrections	3.00
CTS115	Information Systems Business Concepts	3.00
DRA111	Theatre Appreciation	3.00
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
ENG113	Literature-Based Research	3.00
ENG114	Professional Research & Reporting	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
GEL111	Geology	4.00
HEA110	Personal Health/Wellness	3.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00

HIS132	American History II	3.00
HUM110	Technology and Society	3.00
HUM115	Critical Thinking	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MAT143	Quantitative Literacy	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00
MAT273	Calculus III	4.00
MUS110	Music Appreciation	3.00
PED110	Fit and Well for Life	2.00
PED121	Walk, Jog, Run	1.00
PED122	Yoga I	1.00
PED123	Yoga II	1.00
PED125	Self-Defense: Beginning	1.00
PED128	Golf-Beginning	1.00
PED138	Archery	1.00
PED152	Swimming-Beginning	1.00
PED170	Backpacking	1.00
PED171	Nature Hiking	1.00
PED173	Rock Climbing	1.00
PED181	Snow Skiing-Beginning	1.00
PED212	Snowboarding-Beginning	1.00
PHY110	Conceptual Physics	3.00
PHY110A	Conceptual Physics Lab	1.00
PHY151	College Physics I	4.00
PHY152	College Physics II	4.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
PSY281	Abnormal Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00
SPA112	Elementary Spanish II	3.00
SPA211	Intermediate Spanish I	3.00
SPA212	Intermediate Spanish II	3.00

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

Developmental Requirements

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

Associate in General Education Nursing (A1030N)

The Associate in General Education Nursing degree is designed for students to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree. The Associate in Science transfer degree is geared toward students pursuing a career in a STEM-based field: **S**cience, **T**echnology, **E**ngineering, and/or **M**athematics. The program of study includes fifty-three (53) semester hours of Universal General Education Transfer Component Courses (UGETC) as follows:

Mathematics (8)	**Humanities/Fine Arts (9)**
English Composition (6)	**Natural Sciences (15)**
History (3)	**Social/Behavioral Sciences (12)**

Students should consult with the institution(s) to which they would like to transfer for academic course selection guidance. Meeting with MCC faculty advisors and taking ACA 122: College Transfer Success will be very instrumental as well in the development of a successful transfer plan.

Associate in General Education Nursing (A1030N)

Associate in General Education Nursing 60 Semester Hours Credit – (SHC)

Universal General Education Transfer Component (53 Semester Hours Credit)

English Comp. (6 SHC)

ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00

Humanities/Fine Arts (9 SHC)

Select (9 SHC) from:

ART111	Art Appreciation	3.00
ENG231	American Literature I	3.00
MUS110	Music Appreciation	3.00

History (3 SHC)

Select 1 course from:

HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00
HIS132	American History II	3.00

Social/Behavioral Sciences (12 SHC)

Select 12 (SHC) from:

PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00
PSY241	Developmental Psychology	3.00

SOC213	Sociology of the Family	3.00

Mathematics (8 SHC)

Select 8 (SHC) from the following:

MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00

Natural Sciences (15 SHC)

Select 15 SHC from the following:

BIO168	Anatomy and Physiology I	4.00
BIO169	Anatomy and Physiology II	4.00
BIO175	General Microbiology	3.00
CHM130	General, Organic, & Biochemistry	3.00
CHM130A	General, Organic, & Biochemistry Lab	1.00
CHM151	General Chemistry I	4.00

Other Required Hours (7 SHC)

ACA122	College Transfer Success	1.00
COM231	Public Speaking	3.00
	Select one of the following:	
POL120	American Government	3.00
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171
Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040 DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

ASSOCIATE IN SCIENCE DEGREE (A10400)

The Associate in Science degree is designed for students to take courses at the community college and transfer to a four-year college/university for completion of their Bachelor's degree. The Associate in Science transfer degree is geared toward students pursuing a career in a STEM-based field: **S**cience, **T**echnology, **E**ngineering, and/or **M**athematics. The program of study includes thirty-four (34) semester hours of Universal General Education Transfer Component Courses (UGETC) as follows:

Communication (3)	**Mathematics (8)**
English Composition (6)	**Natural Sciences (8)**
History (3)	**Social/Behavioral Sciences (3)**
Humanities/Fine Arts (3)	

Students should consult with the institution(s) to which they would like to transfer for academic course selection guidance. Meeting with MCC faculty advisors and taking ACA 122: College Transfer Success will be very instrumental as well in the development of a successful transfer plan.

ASSOCIATE IN SCIENCE PROGRAM (A10400)

Associate in Science 60 Semester Hours Credit – (SHC)

Universal General Education Transfer Component (34 Semester Hours Credit)

English Comp. (6 SHC)

ENG111	Writing and Inquiry	3.00
ENG112	Writing and Research in the Disciplines	3.00

Communication (3 SHC)

COM231	Public Speaking	3.00

Humanities/Fine Arts (3 SHC)

Select 1 course from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
MUS110	Music Appreciation	3.00

History (3 SHC)

Select 1 course from:

HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00

HIS131	American History I	3.00
HIS132	American History II	3.00

Social/Behavioral Sciences (3 SHC)

Select 1 course from:

ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
SOC210	Introduction to Sociology	3.00

Mathematics (8 SHC)

Select 2 courses from the following:

MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00

Natural Sciences (8 SHC)

Select 8 SHC from one of the following groups:

Group 1

BIO111	General Biology I	4.00
BIO112	General Biology II	4.00

Group 2

CHM151	General Chemistry I	4.00
CHM152	General Chemistry II	4.00

Group 3

PHY151	College Physics I	4.00
PHY152	College Physics II	4.00

Additional General Education Hours

*An additional **11 Semester Hours Credit** should be selected from courses classified as general education within the Comprehensive Articulation Agreement (CAA). Students should select these courses based on their intended major and transfer-university. AST 151, AST 151A, ART 111, ART 114, ART 115, BIO 110,, BIO 111, BIO 112, CHM 131, CHM 151, CHM 152, ECO 251, ECO 251, ENG 231, ENG 232, ENG 241, ENG 242, GEL 111, HIS 111, HIS 112, HIS 131, HIS 132, MAT 171, MAT 172, MAT 271, MAT 272, PHY 110, PHY 110A, PHY 151, PHY 152, POL 120, PSY 241, PSY 281, SOC 210, SPA 111, SPA 112: Are Universal General Education Transfer Component (UGETC) classes, Associate in Arts.*

Select 11 hours from:

AST151	General Astronomy I	3.00
AST151A	General Astronomy I Lab	1.00
AST152	General Astronomy II	3.00
AST152A	General Astronomy II Lab	1.00
ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00

BIO112	General Biology II	4.00
BIO140	Environmental Biology	3.00
BIO140A	Environmental Biology Lab	1.00
CHM131	Introduction to Chemistry	3.00
CHM131A	Introduction to Chemistry Lab	1.00
CHM151	General Chemistry I	4.00
CHM152	General Chemistry II	4.00
CIS115	Introduction to Programming and Logic	3.00
DRA111	Theatre Appreciation	3.00
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
ENG113	Literature-Based Research	3.00
ENG114	Professional Research & Reporting	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
GEL111	Geology	4.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00
HIS131	American History I	3.00
HIS132	American History II	3.00
HUM110	Technology and Society	3.00
HUM115	Critical Thinking	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00
MAT273	Calculus III	4.00
MUS110	Music Appreciation	3.00
PHY110	Conceptual Physics	3.00
PHY110A	Conceptual Physics Lab	1.00
PHY151	College Physics I	4.00
PHY152	College Physics II	4.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
PSY281	Abnormal Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00
SPA112	Elementary Spanish II	3.00

Other Required Hours (15 Credit Hours)

CIS110	Introduction to Computers	3.00
ACA122	College Transfer Success	1.00

*An additional **11 Semester Hour Credit** should be selected from courses classified as pre-major, elective, or general education courses within the Comprehensive Articulation Agreement. Students should select these courses based on their intended major and transfer university. ART 111, ART 114, ART 115, AST 151, AST 151A, BIO 110, BIO 111, BIO 112, CHM 131, CHM 151, CHM 152, ECO 251, ECO 252, ENG 231, ENG 232, ENG 241, ENG 242, GEL 111, HIS 111, HIS 112, HIS 131, HIS 132, MAT 171, MAT 172, MAT 271, MAT 272, PHY 110, PHY 110A, PHY 151, PHY 152, POL 120, PSY 150, PSY 241, PSY 281, SOC 210, SPA 111, SPA 112: Are Universal General Education Transfer (UGETC) classes, Associate in Science.*

Select 11 hours from:

ART111	Art Appreciation	3.00
ART114	Art History Survey I	3.00
ART115	Art History Survey II	3.00
AST151	General Astronomy I	3.00
AST151A	General Astronomy I Lab	1.00
AST152	General Astronomy II	3.00
AST152A	General Astronomy II Lab	1.00
BIO110	Principles of Biology	4.00
BIO111	General Biology I	4.00
BIO112	General Biology II	4.00
BIO140	Environmental Biology	3.00
BIO140A	Environmental Biology Lab	1.00
BIO163	Basic Anatomy & Physiology	5.00
BIO168	Anatomy and Physiology I	4.00
BIO169	Anatomy and Physiology II	4.00
BIO175	General Microbiology	3.00
BIO242	Natural Resource Conservation	3.00
BIO275	Microbiology	4.00
BUS110	Introduction to Business	3.00
BUS115	Business Law I	3.00
BUS137	Principles of Management	3.00
CHM130	General, Organic, & Biochemistry	3.00
CHM130A	General, Organic, & Biochemistry Lab	1.00
CHM131	Introduction to Chemistry	3.00
CHM131A	Introduction to Chemistry Lab	1.00
CHM151	General Chemistry I	4.00
CHM152	General Chemistry II	4.00
CIS115	Introduction to Programming and Logic	3.00
CJC111	Introduction to Criminal Justice	3.00
CJC121	Law Enforcement Operations	3.00
CJC141	Corrections	3.00
CTS115	Information Systems Business Concepts	3.00
DRA111	Theatre Appreciation	3.00
ECO251	Principles of Microeconomics	3.00
ECO252	Principles of Macroeconomics	3.00
ENG113	Literature-Based Research	3.00
ENG114	Professional Research & Reporting	3.00
ENG231	American Literature I	3.00
ENG232	American Literature II	3.00
ENG241	British Literature I	3.00
ENG242	British Literature II	3.00
GEL111	Geology	4.00
HEA110	Personal Health/Wellness	3.00
HIS111	World Civilizations I	3.00
HIS112	World Civilizations II	3.00

HIS131	American History I	3.00
HIS132	American History II	3.00
HUM110	Technology and Society	3.00
HUM115	Critical Thinking	3.00
HUM122	Southern Culture	3.00
HUM130	Myth in Human Culture	3.00
HUM160	Introduction to Film	3.00
HUM220	Human Values and Meaning	3.00
MAT152	Statistical Methods I	4.00
MAT171	Precalculus Algebra	4.00
MAT172	Precalculus Trigonometry	4.00
MAT271	Calculus I	4.00
MAT272	Calculus II	4.00
MAT273	Calculus III	4.00
PED110	Fit and Well for Life	2.00
PED121	Walk, Jog, Run	1.00
PED122	Yoga I	1.00
PED123	Yoga II	1.00
PED125	Self-Defense: Beginning	1.00
PED128	Golf-Beginning	1.00
PED138	Archery	1.00
PED152	Swimming-Beginning	1.00
PED170	Backpacking	1.00
PED171	Nature Hiking	1.00
PED173	Rock Climbing	1.00
PED181	Snow Skiing-Beginning	1.00
PED212	Snowboarding-Beginning	1.00
PHY110	Conceptual Physics	3.00
PHY110A	Conceptual Physics Lab	1.00
PHY151	College Physics I	4.00
PHY152	College Physics II	4.00
POL120	American Government	3.00
PSY150	General Psychology	3.00
PSY241	Developmental Psychology	3.00
PSY281	Abnormal Psychology	3.00
SOC210	Introduction to Sociology	3.00
SOC213	Sociology of the Family	3.00
SPA111	Elementary Spanish I	3.00
SPA112	Elementary Spanish II	3.00
SPA211	Intermediate Spanish I	3.00
SPA212	Intermediate Spanish II	3.00

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

Developmental Requirements:

ENG-111
Take One Set
Set 1 DRE-097
Set 2 ENG-002
State Corequisites Take ENG-011

MAT 171

Take One Set
Set 1 DMA-010 DMA-020 DMA-030 DMA-040
DMA-050
Set 2 MAT-121
Set 3 MAT-003
State Corequisite Take MAT-071

High School Programs

Would you like to begin earning a degree while you're still in high school? Mayland can get you started. Students who qualify can take college-level courses and earn credit toward their high school graduation and a college degree.

Get your future started…

- Earn high school and college credit
- Get a head start on your college degree
- Take courses that aren't offered in high school
- Prepare now for one of MCC's many technical or vocational career options
- Ease your transition to college by getting a taste of college now
- Lower the cost of college by earning credits without high tuition costs

High School Student Enrollment

The College provides seamless opportunities for high school students to get a head start with their college education by enrolling in eligible pathways through Career and College Promise ("CCP"). Enrollment in identified courses is available to students enrolled in public and private schools (including home schools) through articulation agreements between the school system and the College and approved by the North Carolina Community College System Office.

Career College Promise (CCP) Overview

CCP provides seamless dual enrollment educational opportunities for eligible North Carolina high school students to accelerate completion of college certificates, diplomas and associate degrees that lead to college transfer or provide entry-level job skills. The College offers the following CCP pathways aligned with the K-12 curriculum, career and college ready standards adopted by the State Board of Education:

1. College Transfer Pathway- Tuition-free course credits toward the Associate in Arts, Associate in Arts in Teacher Preparation, Associate in Science, Associate in Science in Teacher Preparation, and g, Associate in General Education- Nursing.
2. Career and Technical Education Pathway- Tuition-free course credits toward an entry-level job credential, certificate or diploma for eligible high school students.
3. Workforce Continuing Education Pathway- Registration-free course hours toward an entry-level job credential for eligible high school students
4. Cooperative Innovative High School Pathway- Leads to the completion of a high school diploma and associate degree or provides up to two years of college credit within five years.

Tuition is waived for CCP students; however, all CCP students taking classes on-site at the College or online though the College, except for those in Cooperative Innovative High School Programs, may be required to purchase their own textbooks and supplies required for their classes. Transportation for high school students will not be provided by the College. **Please see your High School Liaison for specific admission criteria and program requirements for CCP enrollment.

Exclusive College Programs for Minors

Unless they are participating in a CCP program, the College cannot offer enrollment options for students who are under the age of sixteen (16) unless they have earned a high school diploma.

Career and College FAQS for Parents and Students

Career & College Promise (CCP) FAQs for Parents of Students Attending North Carolina Community Colleges

1. How do students apply to participate in the Career & College Promise program?
The application process varies and depends upon how the community college partner chooses to receive applications. Some may require a paper application while others may require an online application through CFNC.org. Students should see their high school guidance counselor to learn how to apply for CCP.

2. Can high school students enroll in a community college outside of Career & College Promise?
No, except for some non-credit courses taken on a self-supporting basis, including safe driving courses.

3. What is the maximum number of college credits that a CCP student can take?
There is no maximum number of college credits that a CCP student can take. However, students must complete the entire CCP pathway before pursuing additional courses. All CCP participants must maintain eligibility status.

4. Are local colleges permitted to let high school students take a course outside the pathway concurrently with their pathway-completing course?
No, students must complete their pathway before taking additional courses.

5. Can high school students take community college courses in the summer and have tuition waived?
All curriculum courses taken by Career and College Promise students at community colleges in accordance with in G.S. 115D-20(4).are tuition-waived except courses offered on a self-supporting basis. (This applies to Fall, Spring, and Summer semesters.)

6. Will CCP students receive honors or AP credit for completing college courses?
All community college courses included on the Comprehensive Articulation Agreement (CAA) will receive weighted credit in accordance with NCDPI policy GCS-L-004. CTE and other courses not included in the CAA are not eligible for weighted credit.

7. Are there any community college courses that DPI will allow to count towards high school core course graduation requirements?
Yes, principals are permitted to award dual credit based upon course content relative to available high school courses and State Board of Education policy GCS-M-001, which allows students in a College Transfer pathway to receive high school credit toward graduation requirements using community college courses. Additionally, some

CTE college courses may count towards high school CTE core requirements. Contact the high school counselor or principal for more information.

8. Are there any minimum class attendance requirements for CCP students?
CCP students enrolled in community college courses will be held to the same attendance and academic requirements as traditional college students.

9. What constitutes a “junior" or “senior” standing for CCP?
Junior or senior standing is determined by the local school administrative unit.

10. If a high school student completes all high school requirements in December (eligible to graduate) can he/she continue with the courses, tuition exempt, even if he/she has no high school classes?
No, high school graduates cannot participate in CCP. However, if the high school semester ends after the community college semester has started, the student would still be eligible for CCP. (Example: The community college semester begins on January 6th and the high school semester ends January 18th – the student would still be eligible for CCP because they were still a high school student when community college semester started).

11. Home school students and private school students:
a. Are home school and private school students eligible to participate in Career & College
Promise?
Yes, students attending a registered home school or a private school may participate in CCP. Generally, private school students are required to establish eligibility using the same criteria applied to public school students (GPA, assessment scores). Home school students and students from private schools not using traditional grading scales shall follow the Community College’s established procedures for assessing eligibility and determining placement.
b. Can a college set a minimum and maximum age limit for home-schooled students?
How do we know if they are juniors or seniors?
No, the home school student’s principal (usually the parent) must certify that the student is a junior or senior and is making progress toward graduation.

12. Funding:
a. Who pays the cost of the student’s textbooks?
Textbooks are a student’s responsibility, however there may be local provisions for them. A student’s high school, the school district, or another local organization may cover these costs. Students should check with their principal or counselor to verify how these costs are paid.
b. Are student fees (e.g., technology fees and insurance fees) waived in addition to the waived tuition for CCP students?
No, however local school districts and community colleges should work together to determine whether and how student fees will be paid for CCP participants.
c. Are any funds available to assist the high schools with transporting students to the
college’s campus?

Cooperative Innovative High Schools (including early college high schools, middle college high schools, and other CIHS models) receive transportation funds as part of a larger funding allotment at each district. No additional transportation funding is available for other CCP students.

Mayland Early College High School (MECHS)

Early college high school is a bold approach, based on the principle that academic rigor, combined with the opportunity to save time and money, is a powerful motivator for students to work hard and meet serious intellectual challenges. Early college high schools blend high school and college in a rigorous yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college. Schools are designed so that low-income youth, first- generation college students, English language learners, students of color, and other young people underrepresented in higher education can simultaneously earn a high school diploma and an Associate's degree or up to two years of credit toward a Bachelor's degree—tuition free.

Established in 2011, the Mayland Early College High School (MECHS) provides a personalized learning environment to create a seamless curriculum between high school and college, and provides work-based experiences to students through rigorous, relevant, and responsive instruction emphasizing relationships and leadership development.

The Mayland Early College High School provides a personalized learning environment to create a seamless curriculum between high school and college, and provides work-based experiences to students through rigorous, relevant, and responsive instruction emphasizing relationships and leadership development.

For more information, contact the Mayland Early College Success Advisor at 828.766.1283 or the MECHS Principal at 828.766.2590.

. Career and College Promise

Career and College Promise offers North Carolina high school students a clear path to success in college or in a career. The program is free to all students who meet the eligibility requirements. Through a partnership of the Department of Public Instruction, the N.C. Community College System, the University of North Carolina system and many independent colleges and universities, North Carolina is helping eligible high school students to begin earning college credit at a community college campus.

How do students apply to the Career and College Promise Program?
It’s easy! Contact the High School Liaison for your county?

Avery County: Frank O’Hagan
fohgan@mayland.edu

Mitchell County: Jason Davis
jdavis@mayland.edu

Yancey County: Kelly Boone
828-766-1516, choose option 3.

Interested in learning more about Mayland Early College High School?
MECHS Success Advisor: MKayla Nelson
mnelson@mayland.edu

Career Technical Education Pathway

Pathways under this category allow qualified high school juniors and seniors to pursue a certificate or diploma aligned with a high school career cluster. CTE pathways accelerate students toward an entry-level job credential, certificate or diploma.

Eligibility

Be a high school Junior or Senior and:

1. Have an unweighted GPA of 2.8 on high school courses; or
2. Demonstrate college readiness in English, reading and mathematics on an assessment; or
3. Have the recommendation of the high school principal or his/her designee and his/her rationale for recommendation in place of GPA requirement (assessment scores should be considered) and have the recommendation of the college's Chief Academic Officer or Chief Student Development Administrator; and
4. If the pathway requires any course on the UGETC (Universal General Education Transfer Component) list, the same criteria for the CTP- transfer pathway will be required.
5. Principal recommendation will not be allowed for CTE pathways that include UGETC (Universal General Education Transfer Component) course(s) included in the pathways.

For high school Freshman or Sophomores:
Limited CTE pathways are available to high school freshmen and sophomores. See your High School Liaison for eligibility qualifications. Freshmen and Sophomores may not enroll in any CTE pathways that contain UGETC (Universal General Education Transfer Component) courses.

Workforce Continuing Education Pathways (WCEP) lead to a State or industry recognized credential aligned with a high school career cluster. Workforce pathways provide tuition-free course hours for eligible high school students.

Eligibility

Be a high school Junior or Senior and:

1. Have an unweighted GPA of 2.8 on high school courses or
2. Demonstrate college readiness in English, reading and mathematics on an assessment or
3. Have the recommendation of the high school principal or his/her designee and his/her rationale for recommendation in place of GPA requirement (assessment scores should be considered); and have the recommendation of the college's Chief Academic Officer or Chief Student Development Administrator.

CTE Pathway Options:

- Applied Engineering Technology
  - Machining Processes
  - Mechanical Design
  - Mechatronics
- Business Administration Diploma and Certificate
- Carpentry Diploma and Basic Certificate
- Criminal Justice Technology Certificate
- Human Services Certificate
- Information Technology
  - Programming Certificate
  - Web Design Certificate
- Masonry Diploma and Certificate
- Medical Assisting Certificate
- Nurse Aide Certificate
- Welding Technology
  - Diploma
  - Basic Welding Certificate
  - Intermediate Welding Certificate

WCEP Pathway Options:

- Emergency Medical Services

Get started on your pathway today!

Contact your High School Liaison to get started.

High School Contacts:
Avery County: Frank O'Hagan, fohgan@mayland.edu
Mitchell County: Jason Davis, jdavis@mayland.edu
Yancey County: Kelly Boone, 828-766-1516, choose option 3.

College Transfer Pathway

College Transfer Pathways: Provide tuition-free course credits towards the Associate in Arts-P1012C, Associate in Science-P1042C, Associate in General Education-Nursing-P1032C, Associate in Arts in Teacher Preparation (P1012T), Associate in Science in Teacher Preparation (P1042T), and a four-year degree. CTP pathways contain a minimum of 23-32 hours of college transfer credit- tuition free. Classes identified in the College Transfer Pathways

will transfer seamlessly (with a course grade of C or higher) to any North Carolina public university as well as participating private colleges/universities.

Eligibility:

Be a high school Junior or Senior and:

1. Have an unweighted GPA of 2.8 on high school courses; or
2. Demonstrate college readiness in English, reading and mathematics on an approved assessment, establishing college readiness.

Be a highschool Freshman or Sophomore and:

1. Be identified as gifted by local AIG plan in English/reading and math; and
2. Demonstrate college readiness in English, reading and mathematics on an approved assessment; and
3. Receive recommendation verifying the student has maturity to enroll from high school principal or equivalent administrator; and recommendation of AIG Coordinator (if one is employed by the district); and
4. Receive approval of college president or the college's chief student development administrator or the college's chief academic officer; and
5. Receive written consent of the student's parent/guardian; and
6. Receive academic advising prior to enrollment in the program.

OR- If your High School does not employ an AIG Coordinator please see the High School Liaison for your county for alternate eligibility options.

Interested in finding out more about a transfer pathway? Contact your Liaison today!

High School Contacts:

Avery County: Frank O'Hagan, fohgan@mayland.edu
Mitchell County: Jason Davis, jdavis@mayland.edu
Yancey County: Kelly Boone, 828-766-1516, choose option 3.