HIGH SCHOOL
DUAL ENROLLMENT
NC Career & College Promise

2025-26
HANDBOOK

Get a jumpstart on your education
TUITION-FREE!

🎓 **College Transfer Pathway**

🔧 **Career and Technical Education Pathway**

🏫 **Cooperative Innovative High School Pathway**

Learn more
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NC CAREER & COLLEGE PROMISE

A Message from the President

Congratulations on your interest in the NC Career and College Promise program. I commend your desire to start your journey towards a career by seeking higher education and job training. NC Career and College Promise offers North Carolina high school students a clear path to success in college or in a career. The NC Career and College Promise provides tuition-free course credits toward a College Transfer Pathway and/or course credit toward a job credential, certificate or diploma in a Career Technical Education Pathway.

Welcome to Wayne Community College!

COLLEGE TRANSFER PATHWAY

College Transfer Pathways allow students the opportunity to earn college credits that transfer seamlessly to any public or participating private college or university. The completion of a pathway reduces the cost of a two- or four-year degree and accelerates completion of an associate degree or four-year degree. Skills for success at the next level of education are also developed.

Students who meet the guidelines may enroll in one of the following programs of study at Wayne Community College.

Career and College Promise College Transfer Pathway Leading to the Associate in Arts (P1012C)

GENERAL EDUCATION (31-32 SHC)
The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) component of the Comprehensive Articulation Agreement.

High school students in the CCP College Transfer Pathway Leading to the Associate in Arts must complete the entire pathway before taking additional courses in the Associate in Arts degree with the exception of mathematics courses beyond MAT171.

English Composition (6 SHC)
The following two English composition courses are required.

ENG 111	Writing and Inquiry	(3 SHC)
ENG 112	Writing/Research in the Disciplines	(3 SHC)

Select three courses from at least two different disciplines (9 SHC) from the following:
Communication

COM 120	Introduction to Interpersonal Communication	(3 SHC)
	OR	
COM 231	Public Speaking	(3 SHC)

Humanities/Fine Arts

ART 111	Art Appreciation	(3 SHC)
ART 114	Art History Survey I	(3 SHC)
ART 115	Art History Survey II	(3 SHC)
DRA 111	Theatre Appreciation	(3 SHC)
ENG 231	American Literature I	(3 SHC)
ENG 232	American Literature II	(3 SHC)
ENG 241	British Literature I	(3 SHC)
ENG 242	British Literature II	(3 SHC)
MUS 110	Music Appreciation	(3 SHC)
MUS 112	Introduction to Jazz	(3 SHC)
PHI 215	Philosophical Issues	(3 SHC)
PHI 240	Introduction to Ethics	(3 SHC)

Social/Behavioral Sciences (9 SHC)
Select three courses from at least two different disciplines from the following:

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

Math (3-4 SHC)
Select one course from the following:

MAT 143	Quantitative Literacy	(3 SHC)
MAT 152	Statistical Methods I	(4 SHC)
MAT 171	Precalculus Algebra	(4 SHC)

Natural Sciences (4 SHC)
Select 4 SHC from the following courses:

AST 111	Descriptive Astronomy	(3 SHC)
and		
AST 111A	Descriptive Astronomy Lab	(1 SHC)
BIO 110	Principles of Biology	(4 SHC)
BIO 111	General Biology I	(4 SHC)
CHM 151	General Chemistry I	(4 SHC)

Academic Transition (1 SHC)
The following course is required:

ACA 122	College Transfer Success	(1 SHC)

TOTAL SEMESTER HOURS CREDIT (SHC) IN PATHWAY   **32-33**

Career and College Promise College Transfer Pathway Leading to the Associate in Science (P1042C)

GENERAL EDUCATION (34 SHC)
The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC).

High school students in the CCP College Transfer Pathway Leading to the Associate in Science must complete the entire pathway before taking additional courses in the Associate in Science degree with the exception of mathematics courses beyond MAT271.

English Composition (6 SHC):
The following two English composition courses are required.

ENG 111	Writing and Inquiry	(3 SHC)
ENG 112	Writing/Research in the Disciplines	(3 SHC)

Select two courses from at least two different disciplines (6 SHC) from the following:
Communication

COM 120	Introduction to Interpersonal Communication OR	(3 SHC)
COM 231	Public Speaking	(3 SHC)

Humanities/Fine Arts

ART 111	Art Appreciation	(3 SHC)
ART 114	Art History Survey I	(3 SHC)
ART 115	Art History Survey II	(3 SHC)
DRA 111	Theatre Appreciation	(3 SHC)
ENG 231	American Literature I	(3 SHC)
ENG 232	American Literature II	(3 SHC)
ENG 241	British Literature I	(3 SHC)
ENG 242	British Literature II	(3 SHC)
MUS 110	Music Appreciation	(3 SHC)
MUS 112	Introduction to Jazz	(3 SHC)
PHI 215	Philosophical Issues	(3 SHC)
PHI 240	Introduction to Ethics	(3 SHC)

Social/Behavioral Sciences (6 SHC)
Select two courses from at least two different disciplines from the following:

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

Math (8 SHC)
Select two courses from the following:

MAT 171	Pre-calculus Algebra	(4 SHC)
MAT 172	Pre-calculus Trigonometry	(4 SHC)
MAT 263	Brief Calculus	(4 SHC)
MAT 271	Calculus I	(4 SHC)
MAT 272	Calculus II	(4 SHC)

Natural Sciences (8 SHC)
Select 8 SHC from the following courses:

BIO 111 and	General Biology I	(4 SHC)
BIO 112	General Biology II	(4 SHC)
CHM 151 **and**	General Chemistry I	(4 SHC)
CHM 152	General Chemistry II	(4 SHC)
PHY 151 **and**	College Physics I	(4 SHC)
PHY 152	College Physics II	(4 SHC)
PHY 251 **and**	General Physics I	(4 SHC)
PHY 252	General Physics II	(4 SHC)

Academic Transition (1 SHC)
The following course is required:

ACA 122	College Transfer Success	(1 SHC)

Total Semester Hours Credit (SHC) in Pathway   **35**

COLLEGE TRANSFER PATHWAY

GENERAL EDUCATION (28 SHC)
The courses are contained in Block 1 of the Five Block Degree Plan located within the RN to BSN Articulation Agreement.

High school students in the CCP Associate Degree Nursing Pathway to the Associate in General Education Nursing (A1030N) program must complete the entire pathway before taking additional courses in the Associate in General Education Nursing (A1030N) program.

English Composition (6 SHC):
The following English composition course is required.
ENG 111	Writing and Inquiry	(3 SHC)

Select one course from the following (3 SHC):
ENG 112	Writing/Research in the Disciplines	(3 SHC)
	OR	
ENG 114	Prof Research & Reporting	(3 SHC)

Humanities/Fine Arts and Communications
Select one course from the following (3 SHC):
ART 111	Art Appreciation	(3 SHC)
ART 114	Art History Survey I	(3 SHC)
ART 115	Art History Survey II	(3 SHC)
MUS 110	Music Appreciation	(3 SHC)
MUS 112	Introduction to Jazz	(3 SHC)
PHI 215	Philosophical Issues	(3 SHC)
PHI 240	Introduction to Ethics	(3 SHC)
HUM 115	Critical Thinking	(3 SHC)

Social/Behavioral Sciences (3 SHC)
The following course is required:
PSY 150	General Psychology	(3 SHC)
PSY 241	Developmental Psychology	(3 SHC)

Natural Sciences (8 SHC)
Select one sequence from the following:
BIO 168	Anatomy and Physiology I	(4 SHC)
and		
BIO 169	Anatomy and Physiology II	(4 SHC)

Academic Transition (1 SHC)
The following course is required:
ACA 122	College Transfer Success	(1 SHC)

Total Semester Hours Credit
(SHC) in Pathway   **24**

The Career and College Promise (CCP) ADN Pathway is designed for High school Juniors and Seniors who wish to begin their educational studies toward the Associate in Nursing Degree and a Baccalaureate Degree in Nursing. The Pathway is based on Block 1 of the Uniform Articulation Agreement between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing Programs and the NCCC Associate Degree Nursing Programs.

Career and College Promise College Transfer Pathway Leading to the
ASSOCIATE IN ARTS IN TEACHER PREPARATION (P1012T)

GENERAL EDUCATION (31-32 SHC)
The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) component of the Comprehensive Articulation Agreement.

High school students in the CCP College Transfer Pathway Leading to the Associate in Arts in Teacher Preparation must complete the entire pathway before taking additional courses in the Associate in Arts in Teacher Preparation degree with the exception of mathematics courses beyond MAT171.

English Composition (6 SHC):
The following two English composition courses are required.

ENG 111	Writing and Inquiry	(3 SHC)
ENG 112	Writing/Research in the Disciplines	(3 SHC)

Select three courses from at least two different disciplines (9 SHC) from the following:

Communication:

COM 120	Introduction to Interpersonal Communication	(3 SHC)
	OR	
COM 231	Public Speaking	(3 SHC)

Humanities/Fine Arts:

ART 111	Art Appreciation	(3 SHC)
ART 114	Art History Survey I	(3 SHC)
ART 115	Art History Survey II	(3 SHC)
DRA 111	Theatre Appreciation	(3 SHC)
ENG 231	American Literature I	(3 SHC)
ENG 232	American Literature II	(3 SHC)
ENG 241	British Literature I	(3 SHC)
ENG 242	British Literature II	(3 SHC)
MUS 110	Music Appreciation	(3 SHC)
MUS 112	Introduction to Jazz	(3 SHC)
PHI 215	Philosophical Issues	(3 SHC)
PHI 240	Introduction to Ethics	(3 SHC)

Social/Behavioral Sciences (6 SHC):
Select two courses from at least two different disciplines from the following:

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

Math (3-4 SHC):
Select one course from the following:

MAT 143	Quantitative Literacy	(3 SHC)
MAT 152	Statistical Methods I	(4 SHC)
MAT 171	Precalculus Algebra	(4 SHC)

Natural Sciences (4 SHC):
Select 4 SHC from the following courses:

AST 111 and	Descriptive Astronomy	(3 SHC)
AST 111A	Descriptive Astronomy Lab	(1 SHC)
BIO 110	Principles of Biology	(4 SHC)
BIO 111	General Biology I	(4 SHC)
CHM 151	General Chemistry I	(4 SHC)

Other Required General Education:		(3 SHC)
SOC 225	Social Diversity	(3 SHC)

Other Required Hours:		**(8 SHC)**
Education:		(7 SHC)

The following courses are required:

EDU 187	Teaching and Learning for All	(4 SHC)
EDU 216	Foundations of Education	(3 SHC)

Academic Transition (1 SHC):
The following course is required:

ACA 122	College Transfer Success	(1 SHC)

TOTAL SEMESTER HOURS CREDIT (SHC) IN PATHWAY	**39-40**

COLLEGE TRANSFER PATHWAY

GENERAL EDUCATION (34 SHC)

The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC).

High school students in the CCP College Transfer Pathway Leading to the Associate in Science in Teacher Preparation must complete the entire pathway before taking additional courses in the Associate in Science in Teacher Preparation degree with the exception of mathematics courses beyond MAT271.

English Composition (6 SHC):
The following two English composition courses are required.

ENG 111	Writing and Inquiry	(3 SHC)
ENG 112	Writing/Research in the Disciplines	(3 SHC)

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

Communication:

COM 120	Introduction to Interpersonal Communication	(3 SHC)
	OR	
COM 231	Public Speaking	(3 SHC)

Humanities/Fine Arts:

ART 111	Art Appreciation	(3 SHC)
ART 114	Art History Survey I	(3 SHC)
ART 115	Art History Survey II	(3 SHC)
DRA 111	Theatre Appreciation	(3 SHC)
ENG 231	American Literature I	(3 SHC)
ENG 232	American Literature II	(3 SHC)
ENG 241	British Literature I	(3 SHC)
ENG 242	British Literature II	(3 SHC)
MUS 110	Music Appreciation	(3 SHC)
MUS 112	Introduction to Jazz	(3 SHC)
PHI 215	Philosophical Issues	(3 SHC)
PHI 240	Introduction to Ethics	(3 SHC)

Social/Behavioral Sciences (3 SHC)
Select one course from the following:

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

Math (8 SHC):
Select two courses from the following:

MAT 171	Pre-calculus Algebra	(4 SHC)
MAT 172	Pre-calculus Trigonometry	(4 SHC)
MAT 263	Brief Calculus	(4 SHC)
MAT 271	Calculus I	(4 SHC)
MAT 272	Calculus II	(4 SHC)

Natural Sciences (8 SHC):
Select 8 SHC from the following courses:

BIO 111	General Biology I	(4 SHC)
	and	
BIO 112	General Biology II	(4 SHC)
CHM 151	General Chemistry I	(4 SHC)
	and	
CHM 152	General Chemistry II	(4 SHC)
PHY 151	College Physics I	(4 SHC)
	and	
PHY 152	College Physics II	(4 SHC)
PHY 251	General Physics I	(4 SHC)
	and	
PHY 252	General Physics II	(4 SHC)

Other Required General Education: (3 SHC)

SOC 225	Social Diversity	(3 SHC)

Other Required Hours: (8 SHC)
Education: (7 SHC)
The following courses are required:

EDU 187	Teaching and Learning for All	(4 SHC)
EDU 216	Foundations of Education	(3 SHC)

Academic Transition (1 SHC):
The following course is required:

ACA 122	College Transfer Success	(1 SHC)

TOTAL SEMESTER HOURS CREDIT (SHC) IN PATHWAY   **42**

AG AND NATURAL RESOURCES

AGRIBUSINESS TECHNOLOGY (C15100X)

A program that prepares individuals for careers in the agribusiness segment of the agricultural industry. This certificate provides an understanding of basic agribusiness concepts and principles such as marketing, soft skills and agricultural chemicals.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AGR 139	Introduction to Sustainable Agriculture	3	3
ANS 110	Animal Science	3	3
BUS 151	People Skills	3	3
SPRING SEMESTER			
AGR 140	Agricultural Chemicals	4	3
AGR 212	Farm Business Management	3	3
AGR 214	Agricultural Marketing	3	3
TOTAL SEMESTER HOURS			18

AGRICULTURE EXPLORATION (C15100CX)

A program that prepares individuals for careers in the agribusiness segment of the agricultural industry. This certificate provides an understanding of basic agribusiness concepts and principles such as marketing, soft skills and agricultural chemicals.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AGR 140	Agricultural Chemicals	4	3
ANS 110	Animal Science	3	3
SPRING SEMESTER			
AGR 170	Soil Science	4	3
BUS 151	People Skills	3	3
TOTAL SEMESTER HOURS			12

AG AND NATURAL RESOURCES

APPLIED ANIMAL SCIENCE TECHNOLOGY PROGRAM (C15280X)

A program that prepares individuals to select, breed, care for, process, and market livestock and small farm animals. Potential course work includes instruction in basic animal science, animal nutrition, and animal health as applied to various species and breeds; design and operation of housing, feeding, and processing facilities; and related issues of safety, applicable regulations, logistics, and supply.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ANS 110	Animal Science	3	3
ANS 115	Animal Feeds and Nutrition	4	3
ANS 130	Poultry Production	4	3
SPRING SEMESTER			
ANS 120	Beef Production	4	3
ANS 210	Livestock Production Issues	3	3
TOTAL SEMESTER HOURS			**15**

FOREST MANAGEMENT TECHNOLOGY WILDLIFE CERTIFICATE (C15200X)

A certificate that prepares individuals to assist forestry personnel with forest management techniques that enhance wildlife habitat. Potential course work includes instruction in woods and field safety skills, fire management, wildlife management, and forest protection.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
FOR 161	Safety & Woodmanship	4	2
FOR 171	Intro to Forest Resources	3	3
SPRING SEMESTER			
FOR 241	Forest Fire Management	5	3
FWL 142	Wildlife Management	5	3
SUMMER SEMESTER			
FOR 240	Forest Protection	5	3
TOTAL SEMESTER HOURS			**14**

SUSTAINABLE AGRICULTURE (C15410X)

A program that focuses on agricultural principles and practices that, over the long term, enhance environmental quality, make efficient use of nonrenewable resources, integrate natural biological cycles and controls, and are economically viable and socially responsible; and that may prepare individuals to apply this knowledge to the solution of agricultural and environmental problems.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AGR 111	Basic Farm Maintenance	4	2
AGR 139	Introduction to Sustainable Agriculture	3	3
BUS 151	People Skills	3	3
SPRING SEMESTER			
AGR 121	Biological Pest Management	3	3
AGR 160	Plant Science	4	3
AGR 265	Organic Crop Production: Spring	4	3
TOTAL SEMESTER HOURS			**17**

TURFGRASS MANAGEMENT TECHNOLOGY CERTIFICATE (C15420X)

A program that focuses on turfgrasses and related groundcover plants and prepares individuals to develop ornamental or recreational grasses and related products; plant, transplant, and manage grassed areas; and to produce and store turf used for transplantation. Potential course work includes instruction in applicable plant sciences, genetics of grasses, turf science, use analysis, turf management, and related economics.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
TRF 110	Intro to Turfgrass	5	4
TRF 210	Turfgrass Eqmt Mgmt	5	3
SPRING SEMESTER			
TRF 120	Turfgrass Irrigation & Design	6	4
TRF 240	Turfgrass Pest Control	4	3
TRF 260	Adv. Turfgrass Management ❖ (TRF 110)	5	4
TOTAL SEMESTER HOURS			**18**

❖ **Indicates prerequisites are required.**

BUSINESS

BUSINESS ADMINISTRATION (C25120X)

"The business of America is business" and the Certificate in Business Administration is designed to prepare students for a career in today's technology-based global economy. Students will become well-skilled graduates who are prepared for a growing labor market.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
BUS 110	Introduction to Business	3	3
BUS 115	Business Law I	3	3
BUS 137	Principles of Management	3	3
SPRING SEMESTER			
BUS 153	Human Resource Management	3	3
BUS 240	Business Ethics	3	3
MKT 120	Principles of Marketing	3	3
TOTAL SEMESTER HOURS			**18**

MARKETING CERTIFICATE (C25120MX)

The Marketing Certificate is designed to provide students with the skills necessary to effectively market their business with a specialization in social media marketing. Students will be provided with a fundamental knowledge of various marketing tools to incorporate into promoting a business.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
BUS 110	Introduction to Business	3	3
BUS 115	Business Law I	3	3
MKT 120	Principles of Marketing	3	3
SPRING SEMESTER			
BUS 137	Principles of Management	3	3
BUS 230	Small Business Management	3	3
MKT 232	Social Media Marketing	4	3
TOTAL SEMESTER HOURS			**18**

❖ **Indicates prerequisites are required.**

EARLY CHILDHOOD

EARLY CHILDHOOD EDUCATION (C55220BX)

The Early Childhood Education curriculum prepares students to work with young children in child care programs, preschools, public and private schools, and NC Pre-K and Head Start programs. The certificate is an entry-level program. Preparation for employment includes lectures, discussions, hands-on activities through labs, and cooperative work experiences.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
EDU 119	Intro. to Early Childhood Education	4	4
EDU 144	Child Development I	3	3
SPRING SEMESTER			
EDU 145	Child Development II	3	3
EDU 146	Child Guidance	3	3
EDU 153	Health, Safety and Nutrition	3	3
TOTAL SEMESTER HOURS			16

INFANT/TODDLER (C55290X)

The Early Childhood Education curriculum prepares students to work with infants and toddlers in child care programs, preschools, public and private schools, and Head Start programs. Having an employee who has earned this certificate gives the graduate's employer an additional quality point on its star-rated license. The certificate is an entry-level program.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
EDU 119	Intro. to Early Childhood Education	4	4
EDU 131	Child, Family and Community	3	3
EDU 144	Child Development I	3	3
SPRING SEMESTER			
EDU 153	Health, Safety and Nutrition	3	3
EDU 234	Infants, Toddlers, and Twos	3	3
	❖ (EDU 119)		
TOTAL SEMESTER HOURS			16

❖ **Indicates prerequisites are required.**

EMERGENCY MANAGEMENT

EMS MANAGEMENT CERTIFICATE (C55460EX)

The EMS (Emergency Medical Services) Management certificate program provides opportunities to individuals who want to expand their knowledge of the EMS management education to their technical training. The EMS Management Certificate includes operational procedures, incident management, and health and safety procedures. The EMS Management Certifcate includes managing projects, preparing budgets, organizational structure, and knowledge of laws pertaining to the Emergency Medical Service.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 170	Critical Incident Management	3	3
EPT 140	Emergency Management	3	3
EPT 210	Response and Recovery	3	3
SPRING SEMESTER			
CJC 232	Civil Liability	3	3
EPT 124	EM Services Law and Ethics	3	3
EPT 275	Emergency Ops Center Management	3	3
TOTAL SEMESTER HOURS			**18**

FIRE SERVICE MANAGEMENT CERTIFICATE (C55460FX)

The Fire Service Management certificate program focuses on the administrative aspects of fire emergency services. It builds on your basic fire skills and experience, providing you with additional training to help you take your career to the next level. Increase your knowledge and skills as a manager, leader, and administrator in the fire services with this certificate program. During this program, you will learn the critical concepts and evolving skills required to successfully perform administrative and managerial roles in fire services organizations. The basic principles of planning and prevention, communicating, managing resources, leading others and incident management and administration, public policy, and the aspects of legal issues within the fire services field.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 170	Critical Incident Management	3	3
EPT 140	Emergency Management	3	3
FIP 120	Introduction to Fire Protection	3	3
SPRING SEMESTER			
CJC 232	Civil Liability	3	3
EPT 124	EM Services Law and Ethics	3	3
EPT 275	Emergency Ops Center Management	3	3
TOTAL SEMESTER HOURS			**18**

LAW ENFORCEMENT MANAGEMENT CERTIFICATE (C55460LX)

The Law Enforcement Management certificate program prepares individuals the comprehensive knowledge of topics in criminal justice organizations, policing and program analysis, and cross-disciplines such as public administration. You will learn about the perspective leaders in public agencies and the challenges related to management, gaining an understanding of law enforcement agency administration, leadership, and policy analysis. Coursework in the program focuses on the many different branches of law enforcement, and how agencies and organizations work together to uphold the law and protect the rights of citizens.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 131	Criminal Law	3	3
CJC 170	Critical Incident Management	3	3
EPT 140	Emergency Management	3	3
SPRING SEMESTER			
CJC 232	Civil Liability	3	3
EPT 124	EM Services Law and Ethics	3	3
EPT 275	Emergency Ops Center Management	3	3
TOTAL SEMESTER HOURS			**18**

PUBLIC SAFETY CERTIFICATE (C55460PX)

The Emergency Management curriculum is designed to provide students with a foundation of technical and professional knowledge needed for emergency services delivery in local and state government agencies. Study involves both management and technical aspects of law enforcement, fire protection, emergency medical services, and emergency planning.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 170	Critical Incident Management	3	3
EPT 120	Sociology of Disaster	3	3
EPT 124	EM Services Law & Ethics	3	3
EPT 140	Emergency Management	3	3
TOTAL SEMESTER HOURS			**12**

ENGINEERING AND MANUFACTURING

BUSINESS ADMINISTRATION/OPERATIONS MANAGEMENT (C25120GX)

The Business Administration/Operations Management Certificate provides students with an insight into the daily operational management required in today's industry and business. This certificate can be earned in one year.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ISC 121	Environmental Health and Safety	3	3
ISC 210	Oper & Prod Planning	3	3
SPRING SEMESTER			
ISC 131	Quality Management	3	3
OMT 112	Material Management	3	3
OMT 222	Project Management	3	3
TOTAL SEMESTER HOURS			**15**

BUSINESS ADMINISTRATION/OPERATIONS MANAGEMENT - LEADERSHIP CERTIFICATE (C25120LX)

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ILDR 110	Intro to Leadership	3	3
SPRING SEMESTER			
LDR 115	Evid-Based Ldrshp & Dec Making	3	3
OMT 112	Material Management	3	3
THIRD SEMESTER			
LDR 210	Leadership Capacity Assessment	3	3
TOTAL SEMESTER HOURS			**12**

INDUSTRIAL EXPLORATION CERTIFICATE (C50240EX)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ELC 111	Intro to Electricity	4	3
DFT 151	CAD I	5	3
SPRING SEMESTER			
HYD 110	Hydraulics/Pneumatics I	5	3
MEC 111	Machine Processes I	5	3
TOTAL SEMESTER HOURS			**12**

INDUSTRIAL SYSTEMS CERTIFICATE (C50240X)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ELC 120	Intro to Wiring	4	3
ELC 125	Diagrams and Schematics	3	2
ELC 127	Software for Technician	4	2
SPRING SEMESTER			
HYD 110	Hydraulics/Pneumatics I	5	3
MEC 111	Machine Processes I	5	3
MEC 130	Mechanisms	4	3
TOTAL SEMESTER HOURS			**16**

ENGINEERING AND MANUFACTURING

INDUSTRIAL SYSTEMS TECHNOLOGY - INDUSTRIAL AUTOMATION CERTIFICATE (C50240IX)

The Industrial Systems/Industrial Automation certificate curriculum is designed to prepare or upgrade students to safely service, maintain, repair, or install equipment. Emphasis is placed on coursework that introduces students to automated process and controls.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ATR 280	Robotic Fundamentals	5	4
ELC 111	Intro to Electricity	4	3
ELC 120	Intro to Wiring	4	3
ELC 128	Intro to PLC	5	3
TOTAL SEMESTER HOURS			**13**

INDUSTRIAL SYSTEMS TECHNOLOGY - MECHANICAL SYSTEMS CERTIFICATE (C50240MX)

The Industrial Systems/Mechanical Systems certificate curriculum is designed to prepare or upgrade students to safely service, maintain, repair, or install equipment. Emphasis is placed on coursework that introduces students to mechanical systems design and repair.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
WLD 112	Basic Welding Processes	4	2
SPRING SEMESTER			
HYD 110	Hydraulics/Pneumatics I	5	3
MEC 111	Machine Processes I	5	3
MEC 130	Mechanisms	4	3
MNT 240	Industrial Equipment Troubleshooting	4	2
TOTAL SEMESTER HOURS			**11**

INDUSTRIAL SYSTEMS TECHNOLOGY - PRE-APPRENTICESHIP CERTIFICATE (C50240PX)

The Industrial Systems/Pre-Apprenticeship is designed to teach basic technical and job-readiness skills for designated apprenticeable occupations or occupational sector leading to possible entry into Registered Apprenticeship training.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ELC 111	Intro to Electricity	4	3
ELC 125	Diagrams and Schematics	3	2
ELC 127	Software for Technicians	4	2
SPRING SEMESTER			
HYD 110	Hydraulics/Pneumatics I	5	3
ISC 121	Envir Health and Safety	3	3
SUMMER SEMESTER			
MNT 110	Intro to Maintenance Period	4	2
TOTAL SEMESTER HOURS			**15**

MECHANICAL ENGINEERING TECHNOLOGY/DRAFTING CERTIFICATE (C40320AX)

The Mechanical Engineering Technology curriculum prepares students for employment as technicians in the diversified mechanical and manufacturing engineering fields. Mechanical Engineering technicians assist in design, development, testing, process design and improvement, and troubleshooting and repair of engineered systems. Emphasis is placed on the integration of theory and hands-on application of engineering principles. This certificate focuses on giving the student an overall exposure to 2D and 3D CAD programs, drafting standards, and engineering working drawings.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
DFT 111	Technical Drafting I	4	2
DFT 151	CAD I	5	3
EGR 110	Intro. To Engineering Technologies	3	2
SPRING SEMESTER			
DFT 112	Technical Drafting II ❖ (DFT 111)	4	2
DFT 154	Intro. To Solid Modeling	5	3
TOTAL SEMESTER HOURS			12

MECHANICAL ENGINEERING TECHNOLOGY/TOOL DESIGN CERTIFICATE (C40320BX)

The Mechanical Engineering Technology curriculum prepares students for employment as technicians in the diversified mechanical and manufacturing engineering fields. Mechanical Engineering technicians assist in design, development, testing, process design and improvement, and troubleshooting and repair of engineered systems. Emphasis is placed on the integration of theory and hands-on application of engineering principles. This certificate focuses on giving the student an overall exposure to jig and fixture design, machining, and design economics.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
DFT 151 CAD I		5	3
SPRING SEMESTER			
DFT 154 Intro to Solid Modeling		5	3
MEC 145	Manufacturing Materials I	5	3
SPRING SEMESTER			
DFT 231 Jig & Fixture Design ❖ (DFT 154 & DFT 112)		3	2
OMT 222	Project Management	3	3
TOTAL SEMESTER HOURS			14

❖ **Indicates prerequisites are required.**

ENGINEERING AND MANUFACTURING

MECHANICAL ENGINEERING TECHNOLOGY/ENGINEERING TECHNOLOGY CERTIFICATE (C40320X)

The Mechanical Engineering Technology curriculum prepares students for employment as technicians in the diversified mechanical and manufacturing engineering fields. Mechanical Engineering technicians assist in design, development, testing, process design and improvement, and troubleshooting and repair of engineered systems. Emphasis is placed on the integration of theory and hands-on application of engineering principles. This certificate focuses on giving the student an overall exposure to general engineering courses that are relevant to many engineering tracks.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
DFT 151	CAD I	5	3
HYD 110	Hydraulics/Pneumatics I	5	3
SPRING SEMESTER			
DFT 154	Introduction To Solid Modeling	5	3
MEC 145	Mfg Materials I	5	3
TOTAL SEMESTER HOURS			**12**

MECHATRONICS ENGINEERING TECHNOLOGY CERTIFICATE (C40350X)

The Mechatronics Engineering Technology curriculum prepares students 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.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ELC 111	Introduction to Electricity	4	3
SPRING SEMESTER			
ATR 112	Introduction to Automation	5	3
ELC 120	Introduction to Wiring	4	3
ELC 213	Instrumentation ❖ (ELC 111)	5	4
SUMMER SEMESTER			
ISC 121	Envir Health & Safety	3	3
TOTAL SEMESTER HOURS			**16**

❖ **Indicates prerequisites are required.**

INDUSTRIAL TECHNOLOGY

AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY – COMFORT COOLING CERTIFICATE (C35100X)

The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge to develop skills necessary to work with residential and light commercial systems.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AHR 110	Introduction to Refrigeration	8	5
AHR 111	HVACR Electricity	4	3
AHR 113	Comfort Cooling	6	4
TOTAL SEMESTER HOURS			**12**

AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY - HEAT PUMP CERTIFICATE (C35100PX)

The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge to develop skills necessary to work with residential and light commercial systems.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AHR 110	Introduction to Refrigeration	8	5
AHR 111	HVACR Electricity	4	3
SPRING SEMESTER			
AHR 114	Heat Pump Technology ❖ (AHR 110)	6	4
SUMMER SEMESTER			
AHR 172	Heat Pump Lab ❖ (AHR 114)	3	1
TOTAL SEMESTER HOURS			**13**

❖ **Indicates prerequisites are required.**

INDUSTRIAL TECHNOLOGY

AIR CONDITIONING, HEATING, AND REFRIGERATION TECHNOLOGY - HEATING TECHNOLOGY CERTIFICATE (C35100TX)

The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge to develop skills necessary to work with residential and light commercial systems.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
AHR 110	Introduction to Refrigeration	8	5
AHR 111	HVACR Electricity	4	3
SPRING SEMESTER			
AHR 112	Heating Technology	6	4
TOTAL SEMESTER HOURS			**12**

COMPUTER-INTEGRATED MACHINING/CNC PROGRAMMING (C50210DX)

This certificate will introduce students to blueprint reading, computer-aided design (CAD), and computer numerical control (CNC). Upon completion, students will be able to produce complex parts using CAD/CAM software.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
MAC 131	Blueprint Reading/Machining I	3	2
MAC 141	Machining Applications I	8	4
SPRING SEMESTER			
MAC 124	CNC Milling	4	2
MAC 224	Advanced CNC Milling ❖ (MAC 124)	4	2
SUMMER SEMESTER			
MAC 122	CNC Turning	4	2
MAC 222	Advanced CNC Turning ❖ (MAC 122)	4	2
TOTAL SEMESTER HOURS			**14**

❖ **Indicates prerequisites are required.**

WELDING TECHNOLOGY CERTIFICATE (C50420WX)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
WLD 121	GMAW (MIG) FCAW/Plate	8	4
WLD 131	GTAW (TIG) Plate	8	4
SPRING SEMESTER			
WLD 112	Basic Welding Processes	4	2
WLD 115	SMAW (Stick) Plate	11	5
TOTAL SEMESTER HOURS			**15**

WELDING TECHNOLOGY - MIG WELDING CERTIFICATE (C50420MX)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
WLD 121	GMAW (MIG) PCAW/Plate	8	4
WLD 141	Symbols and Specifications	4	3
SPRING SEMESTER			
WLD 112	Basic Welding Processes	4	2
WLD 122	GMAW (MIG) Plate/Pipe ❖ (WLD 121)	7	3
TOTAL SEMESTER HOURS			**12**

❖ **Indicates prerequisites are required.**

INDUSTRIAL TECHNOLOGY

WELDING TECHNOLOGY - STICK WELDING CERTIFICATE (C50420SX)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
WLD 112	Basic Welding Processes	4	2
WLD 141	Symbols and Specifications	4	3
SPRING SEMESTER			
WLD 115	SMAW (Stick) Plate	11	5
SUMMER SEMESTER			
WLD 116	SMAW (Stick) Plate/Pipe ❖ (WLD 115)	10	4
TOTAL SEMESTER HOURS			**14**

WELDING TECHNOLOGY - TIG WELDING CERTIFICATE (C50420TX)

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

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
WLD 131	GTAW (TIG) Plate	8	4
WLD 141	Symbols and Specifications	4	3
SPRING SEMESTER			
WLD 112	Basic Welding Processes	4	2
WLD 132	GTAW (TIG) Plate/Pipe ❖ (WLD 131)	7	3
TOTAL SEMESTER HOURS			**12**

❖ **Indicates prerequisites are required.**

INFORMATION TECHNOLOGY

ARTIFICIAL INTELLIGENCE FUNDAMENTALS CERTIFICATE (C25710AX)

The Artificial Intelligence (AI) curriculum is designed to provide students with the knowledge and skills necessary for employment and growth in the AI profession.

		Contact Hours	Semester Credit Hours
SUMMER SEMESTER			
CSC 113	AI Fundamentals	4	3
CSC 121	Python Programming	5	3
FALL SEMESTER			
CSC 128	Chatbot Programming I		
	❖ (CSC 121 with a grade of B or better)	5	3
CTS 210	Computer Ethics	3	3
TOTAL SEMESTER HOURS			**12**

ENTERTAINMENT TECHNOLOGY CERTIFICATE (C25190EX)

The Entertainment Technology curriculum prepares individuals for entry-level employment in entertainment, particularly in the fields of sound and lighting. Instruction not only provides training in these technical aspects, but also prepares students to manage careers in this contract-to-contract type of work.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ENT 111	Intro. to Entertainment	4	3
ENT 114	Entertainment Law	3	3
SPRING SEMESTER			
ENT 131	Live Sound Production ❖ (ENT 111)	5	3
ENT 151	Concert Lighting I ❖ (ENT 111)	4	3
TOTAL SEMESTER HOURS			**12**

❖ **Indicates prerequisites are required.**

INFORMATION TECHNOLOGY

CYBERSECURITY CONCEPTS CERTIFICATE (C25590CX)

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CTS 115	Info. Systems Bus. Concepts	3	3
NET 125	Intro to Networks	5	3
SPRING SEMESTER			
CTI 120	Network and Security Foundation	4	3
SEC 110	Security Concepts	4	3
TOTAL SEMESTER HOURS			**12**

INFORMATION TECHNOLOGY FUNDAMENTALS CERTIFICATE (C25590SX)

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.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CTI 110	Web, Pgm, & DB Foundation	4	3
CTS 115	Info Sys Business Concepts	3	3
SPRING SEMESTER			
CIS 110	Introduction to Computers	4	3
CTI 120	Network & Sec Foundation	4	3
TOTAL SEMESTER HOURS			**12**

LEVEL DESIGN FOR SIMULATION AND GAME DEVELOPMENT (C25450LX)

The Level Design for Simulation and Game Development Certificate program provides individuals with specific training in the area of level design for simulations and games. Emphasis is placed on programming languages, game engines, level design theory and advanced level design principles.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
SGD 111	Introduction to SGD	5	3
SGD 174	SG Level Design	5	3
SPRING SEMESTER			
SGD 112	SGD Design	5	3
SGD 113	SGD Programming	5	3
SGD 274	SGD Level Design II ❖ (SGD 174)	5	3
Total Semester Hours			**15**

❖ **Indicates prerequisites are required.**

MODELING AND ANIMATION (C25450AX)

The Modeling and Animation Certificate program provides individuals with specific training in the areas of 3D modeling and animation for simulations and games. Emphasis is placed on creating and animating 3D models in addition to using audio and video production tools. After completion of the certificate, students will have experience with Adobe Audition, Adobe Premier, Autodesk Maya, Autodesk Mudbox, and Pixologic Zbrush.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
SGD 116	Graphic Design Tools	4	3
SPRING SEMESTER			
SGD 114	3D Modeling ❖ (SGD 116)	5	3
FALL SEMESTER			
SGD 162	SG 3D Animation ❖ (SGD 114)	5	3
SGD 214	3D Modeling II ❖ (SGD 114)	5	3
SPRING SEMESTER			
SGD 165	SG Character Development ❖ (SGD 114 & SGD 162)	5	3
TOTAL SEMESTER HOURS			**15**

PROGRAMMING FOR SIMULATION AND GAME DEVELOPMENT (C25450PX)

The Programming for Simulation and Game Development Certificate program provides individuals with specific training in the area of programming for simulations and games. Emphasis is placed on programming languages, game engines, and the creation of 2D and 3D games. After completion of the certificate, students will have experience with the GameMaker, Unity and Unreal game engines, as well as coding using C++, C#, and GML programming languages.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
SGD 125	SG Artificial Intellig ❖ (SGD 112 & SGD 113)	5	3
SPRING SEMESTER			
CSC 134	C++ Programming	5	3
SGD 112	SGD Design	5	3
SGD 113	SGD Programming	5	3
TOTAL SEMESTER HOURS			**12**

❖ **Indicates prerequisites are required.**

INFORMATION TECHNOLOGY

SIMULATION AND GAME DEVELOPMENT (C25450X)

The Simulation and Game Development certificate program provides individuals with a broad background in simulation and game development. Students will learn programming, graphic design tools, animation and 3D modeling. Coursework in the program focuses on the many different areas of simulation and game development, and how different departments within a studio work together to create simulations and games.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
SGD 111	Introduction to SGD	5	3
SGD 116	Graphic Design Tools	4	3
SPRING SEMESTER			
SGD 113	SGD Programming	5	3
SGD 114	3D Modeling ❖ (SGD 116)	5	3
TOTAL SEMESTER HOURS			12

SYSTEMS AND HARDWARE SUPPORT (C25590HX)

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.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CTI 110	Web, Pgm, & DB Foundation	4	3
CTS 115	Info Sys Business Concepts	3	3
SPRING SEMESTER			
CTI 115	Computer Systems Foundation	4	3
CTI 120	Network & Sec Foundation	4	3
TOTAL SEMESTER HOURS			12

❖ **Indicates prerequisites are required.**

MEDICAL ASSISTING

MEDICAL ASSISTING (C45400X)

The Medical Assisting curriculum prepares multi-skilled health care professionals qualified to preform administrative, clinical, and laboratory procedures.

*This certificate has been identified as a pathway for high school students participating in the Career and College Promise initiative. Upon completion of this certificate, the student is not eligible to sit for the American Association of Medical Assistants' Certification Examination. However, the student who meets the admission requirements may apply to the Associate in Applied Science- Medical Assisting Program.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
MED 121	Medical Terminology I	3	3
OST 136	Word Processing	4	3
SPRING SEMESTER			
BIO 163	Basic Anatomy and Physiology ❖ (DRE 098 or ENG 002 [P2 Grade])	6	5
MED 122	Medical Terminology II ❖ (MED 121)	3	3
OST 149	Medical Legal Issues	3	3
TOTAL SEMESTER HOURS			**17**

❖ **Indicates prerequisites are required.**

MEDICAL AND OFFICE ADMINISTRATION

MEDICAL OFFICE ADMINISTRATION/MEDICAL INSURANCE (C25310IX)

The Medical Office Administration/Medial Insurance Certificate teaches students to perform a wide array of administrative duties, such as completing insurance claim forms and scheduling appointments. Demand for multi-skilled Medical Administrative Assistants and Medical Coding Specialist continues to increase.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
MED 121	Medical Terminology I	3	3
OST 148	Medical Insurance and Billing	3	3
OST 149	Medical Legal Issues	3	3
SPRING SEMESTER			
MED 122	Medical Terminology II ❖ (MED 121)	3	3
OST 247	Procedure Coding ❖ (MED 121)	4	3
OST 248	Diagnostic Coding ❖ (MED 121)	4	3
TOTAL SEMESTER HOURS			**18**

OFFICE MANAGEMENT/MICROSOFT APPLICATIONS CERTIFICATE (C25370MX)

The Office Management/Microsoft Applications Certificate teaches students the skills necessary to become a valued member of the office team and a part of one of America's largest occupational trained office administration personnel are the core of the efficient operation of any organization.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CIS 110	Introduction to Computers	4	3
OST 136	Word Processing	4	3
SPRING SEMESTER			
CTS 130	Spreadsheet	4	3
OST 134	Text Entry and Formatting	3	3
TOTAL SEMESTER HOURS			**12**

❖ **Indicates prerequisites are required.**

PUBLIC SAFETY

CRIMINAL JUSTICE TECHNOLOGY-CORRECTIONAL SERVICES MANAGEMENT CERTIFICATE (C55180PX)

The Criminal Technology-Correctional Services Management Certificate teaches students about the different facets of the correctional system. There will be an emphasis on learning about the criminal justice system, deviant behavior, ethical issues within corrections and different legal concerns as it relates to inmates, probationers, and parolees. This program will help prepare students for a career in the growing field of corrections.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 111	Introduction to Criminal Justice	3	3
CJC 231	Constitutional Law	3	3
SPRING SEMESTER			
CJC 141	Corrections	3	3
CJC 212	Ethics and Community Relations	3	3
CJC 225	Crisis Intervention		
	❖ (DRE 098 or ENG 025)	3	3
CJC 232	Civil Liability	3	3
TOTAL SEMESTER HOURS			**18**

CRIMINAL JUSTICE TECHNOLOGY-FORENSIC SCIENCE CERTIFICATE (C5518CFX)

The Forensic Science Certificate program also provides excellent preparation for pursuing future educational opportunities in specialized areas of criminal justice and forensic science. As a forensic science student, you will receive extensive training in the collection and analysis of forensic evidence in both lab and field settings. In addition, you learn how to evaluate mock crime scenes and how to photography, document, collect and analyze the evidence to establish connections between the victim, suspect and crime scene. With the rapid advances in biology and technology, and because of the precision of the science, courts are allocating greater weight to forensic evidence. This has created a critical need for personnel with specialized training in the field. If you are interested in analyzing, collecting and processing forensic evidence related to various types of legal and other investigations, this program was designed with you in mind.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
CJC 115	Crime Scene Photography	5	3
CJC 120	Interviews/Interrogations	3	2
CJC 146	Trace Evidence	5	3
SPRING SEMESTER			
CJC 144	Crime Scene Processing		
	❖ (pre-req CJC 115 & co-req CJC 245)	5	3
CJC 245	Friction Ridge Analysis (1st 8 weeks)	5	3
CJC 246	Advance Friction Ridge Analysis (2nd 8 weeks)		
	❖ (CJC 245)	5	3
TOTAL SEMESTER HOURS			**17**

❖ **Indicates prerequisites are required.**

TRANSPORTATION

COLLISION REPAIR AND REFINISHING TECHNOLOGY (C60130X)

Collision Repair and Refinishing Technology: A program that prepares students to apply technical knowledge and skills to repair, reconstruct and finish automobile bodies, fenders, and external features. Includes instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components, plastics and adhesives, painting and refinishing techniques, and damage analysis and estimating.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ACA 111	College Student Success	1	1
AUB 111	Painting and Refinishing I	8	4
AUB 121	Non-Structural Damage I	5	3
AUB 131	Structural Damage I	6	4
TRN 110	Introduction to Transportation Technology	3	2
TRN 180	Basic Welding for Transportation	5	3
TOTAL SEMESTER HOURS			**17**

TRANSPORTATION TECHNOLOGY CERTIFICATE (C60160X)

Upon completion of the Maintenance and Light Repair Certificate program, the new graduate should be able to maintain and perform light vehicle repairs related to Automotive Service Excellence (ASE) Automobile areas A1-A8 including Engine Repair, Automatic Trans/Tansaxle, Manual Drivetrains and Axles, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, and Engine Performance.

		Contact Hours	Semester Credit Hours
FALL SEMESTER			
ACA 111	College Student Success	1	1
TRN 110	Introduction to Transportation Technology	3	2
TRN 111	Chassis Maintenance/Light Repair	8	4
TRN 112	Powertrain Maintenance/Light Repair	8	4
TRN 170	PC Skills for Transportation	3	2
TOTAL SEMESTER HOURS			**13**

AG AND NATURAL RESOURCES
Agribusiness Technology (C15100X)
Agriculture Exploration (C15100CX)
919-739-6807 | waynecc.ecu/agribusiness-technology

Applied Animal Science Tech. (C15280X)
919-739-6808 | waynecc.edu/applied-animal-science

Forest Management Tech. (C15200X)
919-739-6809/6811 | waynecc.edu/forest-management

Sustainable Agriculture (C15410X)
919-739-6807 | waynecc.edu/sustainable-ag

Turfgrass Management Certificate (C15420X)
919-739-6810 | waynecc.edu/turfgrass

BUSINESS
Business Administration (C25120X)
Marketing Certificate (C25120MX)
919-739-6880 | waynecc.edu/business-administration

EARLY CHILDHOOD
Early Childhood (C55220BX)
Infant/Toddler (C55290X)
919-739-6794/6795
waynecc.edu/early-childhood-education

EMERGENCY MANAGEMENT
EMS Management (C55460EX)
Fire Service Management (C55460FX)
Law Enforcement Management (C55460LX)
Public Safety Certificate (C55460PX)
919-739-6818 | waynecc.edu/emergency-management

ENGINEERING AND MANUFACTURING
Business Admin./Operations Management (C2510GX)
919-739-6815 | waynecc.edu/operations-management

Industrial Exploration (C50240EX)
Industrial Systems Certificate (C50240X)
Industrial Systems Tech.-Industrial Automation Certificate (C50240IX)
Industrial Systems Tech.-Mechanical Systems Certificate (C50240MX)
Industrial Systems Technology/Pre-Apprenticeship (C50240PX)
919-739-6806/6818
waynecc.edu/industrial-systems-technology

Mechanical Engineering Tech./Drafting Certificate (C40320AX)
Mechanical Engineering Tech./Engineering Tech. Certificate(C40320X)
Mechanical Engineering Tech./Tool Design Certificate (C40320BX)
919-739-6802 | waynecc.edu/mechanical-engineering
Mechatronics Engineering Tech. Certificate (C40350X)
919-739-6817
waynecc.edu/mechatronics-engineering-technology

INDUSTRIAL TECHNOLOGY
Air Conditioning, Heating, and Refrigeration Tech.-Comfort Cooling (C35100X)
Air Conditioning, Heating, and Refrigeration Tech.-Heat Pump (C35100PX)
Air Conditioning, Heating, and Refrigeration Tech.-Heating Technology (C35100TX)
919-739-6813 | waynecc.edu/air-conditioning-heating

Computer-Integrated Machining/CNC Programming (C50210DX)
919-739-6812 | waynecc.edu/computer-integrated-machining

Welding Tech. Certificate (C50420WX)
Welding Tech.-MIG Certificate (C50420MX)
Welding Tech.-Stick Certificate (C50420SX)
Welding Tech.-TIG Certificate (C50420TX)
919-739-6816 | waynecc.edu/welding-technology

INFORMATION SYSTEMS TECHNOLOGY
Artificial Intelligence Fundamentals (C25710AX)
Entertainment Technology (C25190EX)
Level Design for Simulation and Game Development (C25450LX)
Mobile Game Development (C25450GX)
Modeling and Animation (C25450AX)
Production for Simulation and Game Development (C25450NX)
Programming for Simulation and Game Development (C25450PX)
Simulation and Game Development (C25450X)
Systems and Hardware Support (C25590HX)
Information Technology Fundamentals Certificate (C25590SX)
919-739-6879 | waynecc.edu/pathways/computer-and-simulation

MEDICAL ASSISTING
Medical Assisting Certificate (C45400X)
919-739-6887 | waynecc.edu/medical

MEDICAL AND OFFICE ADMINISTRATION
Medical Office Administration/ Medical Insurance (C25310IX)
919-739-6886/6887 | waynecc.edu/medical-office

Office Management/Microsoft Applications (C25370X)
919-739-6886 | waynecc.edu/office-management

PUBLIC SAFETY
Criminal Justice/Correctional Services Management Certificate (C55180PX)
Criminal Justice/Forensic Science (C5518CFX)
919-739-6800 | waynecc.edu/criminal-justice

TRANSPORTATION
Collision Repair and Refinishing Technology (C60130X)
919-739-6819/6821 | waynecc.edu/collision

Transportation Technology Certificate (C6016OX)
919-739-6819/6822 | waynecc.edu/atep

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