

# DUAL ENROLLMENT / CAREER & COLLEGE PROMISE PROGRAMS



**CAREER AND COLLEGE PROMISE CERTIFICATE  
COLLEGE TRANSFER - ASSOCIATE IN ARTS  
(P1012C)**

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

**Course Requirements**

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
<sup>R</sup> ENG 111	Writing and Inquiry	3
<sup>a</sup> COM 231	Public Speaking	3
		<b>Credit Hours: 6</b>
<b>Spring Semester</b>		
<sup>R</sup> ENG 112	Writing/Research in the Disciplines	3
<sup>a</sup> ART 111	Art Appreciation	3
<sup>b</sup> HIS 111	World Civilizations I	3
		<b>Credit Hours: 9</b>
<b>Second Year</b>		
<b>Fall Semester</b>		
<sup>b</sup> PSY 150	General Psychology	3
<sup>a</sup> MUS 112	Introduction to Jazz	3
<sup>c</sup> MAT 171	Precalculus Algebra	4
		<b>Credit Hours: 10</b>
<b>Spring Semester</b>		
<sup>b</sup> MUS 110	Music Appreciation	3
<sup>d</sup> BIO 111	General Biology I	4
<sup>R</sup> ACA 122	College Transfer Success	1
		<b>Credit Hours: 8</b>
<b>TOTAL SEMESTER CREDIT HOURS: 32/33</b>		

*R = Required   a = See additional Humanities/Fine Arts/Communications options  
b = See additional Social/Behavioral options   c = See additional Mathematics options  
d = See additional Natural Science options*

**A. Humanities/Fine Arts/Communication Electives*****Must take nine credits from a minimum of two subjects***

		<b>Credit Hours</b>
COM 231	Public Speaking	3
ART 111	Art Appreciation	3
ENG 231	American Literature I	3
ENG 232	American Literature II	3
MUS 110	Music Appreciation	3
MUS 112	Introduction to Jazz	3

**B. Social/Behavioral Sciences*****Must take nine credits with a minimum of two subjects***

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

**C. Mathematics*****Take three - four credits***

MAT 143	Quantitative Literacy	3
MAT 171	Precalculus Algebra	4

**D. Natural Sciences*****Must take four credits***

BIO 111	General Biology I	4
CHM 151	General Chemistry I	4
PHY 110	Conceptual Physics and	3
PHY 110A	Conceptual Physics Lab	1

**CAREER AND COLLEGE PROMISE CERTIFICATE  
COLLEGE TRANSFER - ASSOCIATE IN SCIENCE  
(P1042C)**

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

**Course Requirements**

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
<sup>R</sup> ENG 111	Writing and Inquiry	3
aCOM 231	Public Speaking	3
	<b>Credit Hours: 6</b>	
<b>Spring Semester</b>		
<sup>R</sup> ENG 112	Writing/Research in the Disciplines	3
<sup>R</sup> MAT 171	Precalculus Algebra	4
<sup>a</sup> MUS 110	Music Appreciation	3
	<b>Credit Hours: 10</b>	
<b>Second Year</b>		
<b>Fall Semester</b>		
<sup>R</sup> MAT 172	Precalculus Trigonometry	4
<sup>b</sup> PSY 150	General Psychology	3
<sup>d</sup> CHM 151	General Chemistry I	4
	<b>Credit Hours: 11</b>	
<b>Spring Semester</b>		
<sup>b</sup> POL 120	American Government	3
<sup>d</sup> CHM 152	General Chemistry II	4
<sup>R</sup> ACA 122	College Transfer Success	1
	<b>Credit Hours: 8</b>	
<b>TOTAL SEMESTER CREDIT HOURS: 35</b>		

*R = Required   a = See additional Humanities/Fine Arts/Communications options  
b = See additional Social/Behavioral options   c = See additional Mathematics options  
d = See additional Natural Science options*

**A. Humanities/Fine Arts/Communication Electives*****Must take six credits from a minimum of two subjects***

		<b>Credit Hours</b>
COM 231	Public Speaking	3
ART 111	Art Appreciation	3
ENG 231	American Literature I	3
ENG 232	American Literature II	3
MUS 110	Music Appreciation	3
MUS 112	Introduction to Jazz	3

**B. Social/Behavioral Sciences*****Must take six credits with a minimum of two subjects***

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

**C. Mathematics*****Must take four credits***

MAT 171	Precalculus Algebra	4
MAT 172	Precalculus Trigonometry	4

**D. Natural Sciences*****Take one of two Groups***

Group 1		
BIO-111	General Biology I	4
BIO-112	General Biology II	4
Or		
Group 2		
CHM-151	General Chemistry I	4
CHM-152	General Chemistry II	4

## CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION CERTIFICATE ADVERTISING AND GRAPHIC DESIGN (C30100HS)

The Advertising and Graphic Design curriculum is designed to provide students with knowledge and skills necessary for employment in the graphic design profession, which emphasizes design, advertising, illustration, and digital and multimedia preparation of printed and electronic promotional materials.

Students will be trained in the development of concept and design for promotional materials such as newspaper and magazine advertisements, posters, folders, letterheads, corporate symbols, brochures, booklets, preparation of art for printing, lettering and typography, photography, and electronic media including web page design.

Graduates should qualify for employment opportunities with graphic design studios, advertising agencies, printing companies, department stores, a wide variety of manufacturing industries, newspapers, and businesses with in-house graphics operations, Internet, and e-commerce operations.

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

### Course Requirements

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
ACA-122	College Transfer Success	1
DES-135	Principles & Elem of Design I	4
	<b>Credit Hours: 5</b>	
<b>Spring Semester</b>		
GRD-142	Graphic Design II	4
	<b>Credit Hours: 4</b>	
<b>Second Year</b>		
<b>Fall Semester</b>		
GRA-151	Computer Graphics I	2
	<b>Credit Hours: 2</b>	
<b>Spring Semester</b>		
GRA-152	Computer Graphics II	2
WEB-140	Web Development Tools	3
	<b>Credit Hours: 5</b>	

**TOTAL SEMESTER CREDIT HOURS: 16**

## CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION CERTIFICATE AUTOMOTIVE SYSTEMS TECHNOLOGY (C60160HS)

The Advertising and Graphic Design curriculum is designed to provide students with knowledge and skills necessary for employment in the graphic design profession, which emphasizes design, advertising, illustration, and digital and multimedia preparation of printed and electronic promotional materials.

Students will be trained in the development of concept and design for promotional materials such as newspaper and magazine advertisements, posters, folders, letterheads, corporate symbols, brochures, booklets, preparation of art for printing, lettering and typography, photography, and electronic media including web page design.

Graduates should qualify for employment opportunities with graphic design studios, advertising agencies, printing companies, department stores, a wide variety of manufacturing industries, newspapers, and businesses with in-house graphics operations, Internet, and e-commerce operations.

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

### Course Requirements

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
TRN 120	Basic Transportation Electricity	5
		<b>Credit Hours: 5</b>
<b>Spring Semester</b>		
AUT 163	Advanced Automotive Electricity	3
AUT 163A	Advanced Automotive Electricity Lab	1
		<b>Credit Hours: 4</b>
<b>Second Year</b>		
<b>Fall Semester</b>		
AUT 181	Engine Performance I	3
		<b>Credit Hours: 3</b>
<b>Spring Semester</b>		
AUT 151	Brake Systems	3
AUT 151A	Brake Systems Lab	1
		<b>Credit Hours: 4</b>

**TOTAL SEMESTER CREDIT HOURS: 16**

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION CERTIFICATE  
BUSINESS ADMINISTRATION - CERTIFICATE  
(C25120HS)**

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.

**Course Requirements**

		Course Title	Credits
<b>First Year</b>			
<b>Fall Semester</b>			
CIS	110	Introduction to Computers	3
ECO	251	Principles of Microeconomics	4
			<b>Credit Hours: 7</b>
<b>Spring Semester</b>			
BUS	137	Principles of Management	3
MKT	120	Principles of Marketing	3
BUS	115	Business Law I	3
			<b>Credit Hours: 9</b>

**TOTAL SEMESTER CREDIT HOURS: 16**



**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION CERTIFICATE  
CRIMINAL JUSTICE TECHNOLOGY - CERTIFICATE  
(C55180HS)**

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.

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

**Course Requirements**

		Course Title	Credits
<b>First Year</b>			
<b>Fall Semester</b>			
CJC	111	Introduction to Criminal Justice	3
CJC	221	Investigative Principles	4
			<b>Credit Hours: 7</b>
<b>Spring Semester</b>			
CJC	132	Court Procedure & Evidence	3
CJC	231	Constitutional Law	3
CJC	131	Criminal Law	3
			<b>Credit Hours: 9</b>

**TOTAL SEMESTER CREDIT HOURS: 16**

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION CERTIFICATE  
HUMAN SERVICES TECHNOLOGY - CERTIFICATE  
(C45380HS)**

The Human Services Technology curriculum prepares students for entry-level positions in institutions and agencies which provide social, community, and educational services. Along with core courses, students take courses which 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.

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

**Course Requirements**

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
HSE 125	Counseling	3
HSE 110	Introduction to Human Services	3
	<b>Credit Hours: 6</b>	
<b>Spring Semester</b>		
HSE 123	Interviewing Techniques	3
HSE 225	Crisis Intervention	3
	<b>Credit Hours: 6</b>	

**TOTAL SEMESTER CREDIT HOURS: 12**

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION  
INDUSTRIAL SYSTEMS  
(C50240HS)**

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

Students will learn multi-craft technical skills in print reading, mechanical systems maintenance, electricity, hydraulics/pneumatics, welding, machining or fabrication, and includes various diagnostic and repair procedures. Practical application in these industrial systems will be emphasized and additional advanced course work may be offered.

Upon completion of this curriculum, graduates should be able to individually, or with a team, safely install, inspect, diagnose, repair, and maintain industrial process and support equipment. Students will also be encouraged to develop their skills as lifelong learners.

**Course Requirements**

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
ISC-112	Industrial Safety	2
		<b>Credit Hours: 2</b>
<b>Spring Semester</b>		
BPR-111	Print Reading	2
		<b>Credit Hours: 2</b>
<b>Second Year</b>		
<b>Fall Semester</b>		
WLD-112	Basic Welding Processes	2
		<b>Credit Hours: 2</b>
<b>Spring Semester</b>		
HYD-110	Hydraulics/Pneumatics I	3
		<b>Credit Hours: 3</b>
<b>Third Year</b>		
<b>Fall Semester</b>		
ELC 131A	Circuit Analysis I	2
		<b>Credit Hours: 2</b>

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	Course Title	Credits
<b>Spring Semester</b>		
ELC 131B	Circuit Analysis I	2
		<b>Credit Hours: 2</b>
<b>Fourth Year</b>		
<b>Fall Semester</b>		
ELC-117A	Motors and Controls	2
		<b>Credit Hours: 2</b>
<b>Spring Semester</b>		
ELC 117B	Motors and Controls	2
		<b>Credit Hours: 2</b>
<b>TOTAL SEMESTER CREDIT HOURS: 17</b>		

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION  
PARALEGAL TECHNOLOGY - CERTIFICATE  
(C25380HS)**

The Paralegal Technology curriculum prepares individuals to work under the supervision of attorneys by performing routine legal tasks and assisting with substantive legal work. A paralegal/legal assistant may not practice law, give legal advice, or represent clients in a court of law.

Course work includes substantive and procedural legal knowledge in the areas of civil litigation, legal research and writing, real estate, family law, wills, estates, trusts, and commercial law. Required courses also include subjects such as English, mathematics, and computer utilization.

Graduates are trained to assist attorneys in probate work, investigations, public records search, drafting and filing legal documents, research, and office management. Employment opportunities are available in private law firms, governmental agencies, banks, insurance agencies, and other business organizations.

High school juniors and seniors with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

*This certificate does not fulfill the requirements by the NC State Bar for a qualified certificate program, and the requirements necessary to become a NC certified paralegal. Please note that the credits from this certificate program may be transferred into the associate’s degree program which is a qualified program with the NC State Bar, and meets the requirements necessary to become a NC certified paralegal.*

**Course Requirements**

		Course Title	Credits
<b>First Year</b>			
<b>Fall Semester</b>			
LEX	110	Introduction to Paralegal Studies	2
LEX	130	Civil Injuries	3
			<b>Credit Hours: 5</b>
<b>Spring Semester</b>			
LEX	140	Civil Litigation I	3
LEX	240	Family Law	3
LEX	250	Wills, Estates and Trusts	3
			<b>Credit Hours: 9</b>

**TOTAL SEMESTER CREDIT HOURS: 14**

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION  
THERAPEUTIC & DIAGNOSTIC SERVICES (NURSING ASSISTANT)  
CERTIFICATE  
(C45970HS)**

The Nursing Assistant certificate curriculum prepares individuals to work under the supervision of licensed nursing professionals in performing nursing care and services for persons of all ages. Topics include growth and development, personal care, vital signs, communication, nutrition, medical asepsis, therapeutic activities, accident and fire safety, household environment and equipment management, family resources and services and employment skills. Upon completion, the student may be eligible for listing as a Nurse Aide I and other selected Nurse Aide registries as determined by the local program.

The courses offered in the certificate can be applied to the credit diploma if the student chooses to continue his/her education. NAS 102 helps prepare students to qualify as a Nursing Assistant II.

**Course Requirements**

		Course Title	Credits
<b>First Year</b>			
<b>Fall Semester</b>			
HSC	110	Orientation To Health Careers	1
MED	120	Survey Of Medical Terminology	2
			<b>Credit Hours: 3</b>
<b>Spring Semester</b>			
HUM	115	Critical Thinking	3
			<b>Credit Hours: 3</b>
<b>Second Year</b>			
<b>Fall Semester</b>			
NAS	101	Nursing Assistant I	6
			<b>Credit Hours: 6</b>
<b>Spring Semester</b>			
NAS	102	Nursing Assistant I	6
			<b>Credit Hours: 6</b>
<b>TOTAL SEMESTER CREDIT HOURS: 18</b>			

**CAREER AND COLLEGE PROMISE TECHNICAL EDUCATION  
WELDING TECHNOLOGY - CERTIFICATE  
(C50420HS)**

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.

Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses may include math, print reading, metallurgy, welding inspection, and destructive and non-destructive testing providing 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.

High school students with a minimum of 3.0 high school GPA on a 4.0 scale or with approval of designated DPI official may enroll in this program.

Beginning in the ninth grade high school students with a minimum of a 3.0 high school GPA on a 4.0 scale or approval of designated DPI official may enroll in this program.

**Course Requirements**

	Course Title	Credits
<b>First Year</b>		
<b>Fall Semester</b>		
WLD 121	GMAW (MIG) Plate FCAW/Plate	4
	<b>Credit Hours: 4</b>	
<b>Spring Semester</b>		
WLD 115	SMAW (Stick) Plate	5
	<b>Credit Hours: 5</b>	
<b>Second Year</b>		
<b>Fall Semester</b>		
WLD 131	GTAW (TIG) Plate	4
	<b>Credit Hours: 4</b>	
<b>Spring Semester</b>		
WLD 110	Cutting Processes	2
WLD 141	Symbols and Specifications	3
	<b>Credit Hours: 5</b>	

**TOTAL SEMESTER CREDIT HOURS: 18**