

High School Programs Career and College Promise

Success in today's global economy may require a two or four year degree, a certificate, or diploma. Through Career & College Promise (CCP), qualified high school juniors and seniors in North Carolina have the opportunity to pursue these options, tuition free, while they are in high school, allowing them to get a jumpstart on their workplace and college preparation.

Blue Ridge Community College offers the Career and College Promise options listed below to help advance eligible students' post-high school success:

College Transfer: College transfer pathways provide up to 35 hours of tuition-free course credits toward the Associate in Arts degree, Associate in Science degree, Associate in Engineering degree, or Associate Degree Nursing. All the courses are a part of the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA) between the 16 universities of the UNC system and the Community College System. All universities in the UNC system have agreed to accept these courses as general education courses. A student completing these courses and the additional courses required for an AA or AS, and following the requirements of the CAA, will be able to transfer to one of the UNC schools as a junior. Many private colleges in the state also agree to the CAA. By completing an AA or AS prior to transfer, the student will save considerable time and money in pursuing four-year degrees. To begin one of these pathways, the student must be a high school junior or senior, be "college-ready", and have a weighted high school GPA of 3.0.

Career Technical Education: Technical careers programs provide a means for high school students to earn tuition-free course credits at an NC Community College toward a job credential, Certificate or Diploma in a technical career. BRCC offers a number of programs leading to CCP Certificates or Diplomas—as shown below.

Henderson County Early College High School (HCECHS): HCECHS allows high school students to begin earning tuition-free college credits in the ninth grade. HCECHS is housed at BRCC on the Henderson County Campus. All offices and classrooms for the high school are located in the Molly A. Parkhill Innovative High School building. Admittance to HCECHS is through an application and selection process. For additional information, contact HCECHS at 300 E Campus Dr, Flat Rock, NC 28731, phone (828) 697-4561, or on the web at hendersoncountypublicschoolsnc.org.

Special admission procedures for the High School programs are outlined on page 11.

College Transfer Pathways for High School Students

Associate in Arts Pathway (P1012C)

This pathway is designed for high school juniors and seniors who wish to begin study toward an Associate in Arts degree and a baccalaureate degree in a non-STEM major.

Class Lab Clinic Work Credit
Exp.

Required Courses (7 semester hours required)

ACA 122	College Transfer Success	0	2	0	0	1
ENG 111	Writing and Inquiry	3	0	0	0	3
ENG 112	Writing/Research in the Discipl	3	0	0	0	3
Subtotal						(7)

Humanities/Fine Arts (9 semester hours required)

Three courses from at least two different discipline areas must be selected.

ART 111	Art Appreciation	3	0	0	0	3
ART 114	Art History Survey I	3	0	0	0	3
ART 115	Art History Survey II	3	0	0	0	3
COM 231	Public Speaking	3	0	0	0	3
ENG 231	American Literature I	3	0	0	0	3
ENG 232	American Literature II	3	0	0	0	3
ENG 241	British Literature I	3	0	0	0	3
ENG 242	British Literature II	3	0	0	0	3
MUS 110	Music Appreciation	3	0	0	0	3
PHI 240	Introduction to Ethics	3	0	0	0	3
Subtotal						(9)

Social/Behavioral Science (9 semester hours required)

Three courses from at least two different discipline areas must be selected.

ECO 251	Principles of Microeconomics	3	0	0	0	3
ECO 252	Principles of Macroeconomics	3	0	0	0	3
HIS 111	World Civilizations I	3	0	0	0	3
HIS 112	World Civilizations II	3	0	0	0	3
HIS 131	American History I	3	0	0	0	3
HIS 132	American History II	3	0	0	0	3
POL 120	American Government	3	0	0	0	3
PSY 150	General Psychology	3	0	0	0	3
SOC 210	Introduction to Sociology	3	0	0	0	3
Subtotal						(9)

Mathematics (Select one course from the following.)

MAT 143	Quantitative Literacy	2	2	0	0	3
MAT 152	Statistical Methods I	3	2	0	0	4
MAT 171	Pre-Calculus Algebra	3	2	0	0	4
Subtotal						(3-4)

Natural Sciences (4 semester credit hours required from the following.)

AST 111	Descriptive Astronomy	3	0	0	0	3
AST 111A	Descriptive Astronomy Lab*	0	2	0	0	1
BIO 111	General Biology I	3	3	0	0	4
CHM 151	General Chemistry I	3	3	0	0	4
Subtotal						(4)

*Denotes a corequisite, course cannot be taken by itself.

A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Total Semester Credit Hours in Pathway..... 32-41*

Associate in Engineering Pathway (P1052C)

The College Transfer Pathway (CCP) leading to the Associate in Engineering is designed for high school juniors and seniors who wish to begin study toward the Associate in Engineering degree and a baccalaureate degree in a STEM or technical major.

Class Lab Clinic Work Credit Exp.

Required Courses (15 semester hours required)

ACA 122	College Transfer Success	0	2	0	0	1
DFT 170	Engineering Graphics	2	2	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	0	3
EGR 150	Introduction to Engineering	1	2	0	0	2
ENG 111	Writing and Inquiry	3	0	0	0	3
ENG 112	Writing/Research in the Discipl	3	0	0	0	3
Subtotal						(15)

Humanities/Fine Arts (3 semester hours required)

ART 111	Art Appreciation	3	0	0	0	3
ART 114	Art History Survey I	3	0	0	0	3
ART 115	Art History Survey II	3	0	0	0	3
COM 231	Public Speaking	3	0	0	0	3
ENG 231	American Literature I	3	0	0	0	3
ENG 232	American Literature II	3	0	0	0	3
ENG 241	British Literature I	3	0	0	0	3
ENG 242	British Literature II	3	0	0	0	3
MUS 110	Music Appreciation	3	0	0	0	3
PHI 240	Introduction to Ethics	3	0	0	0	3
Subtotal						(3)

Mathematics (8 semester credit hours required from the following)

MAT 271	Calculus I	3	2	0	0	4
MAT 272	Calculus II	3	2	0	0	4
Subtotal						(8)

**** This total excludes the 8 credit hours from MAT 171 and MAT 172, which are prerequisites and not part of the program.****

Natural Sciences (8 semester credit hours required from the following)

CHM 151	General Chemistry I	3	3	0	0	4
PHY 251	General Physics I	3	2	0	0	4
PHY 252	General Physics II	3	2	0	0	4
Subtotal						(8)

***OPTIONAL GENERAL EDUCATION HOURS (0-8 SHC)**

A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Total Semester Credit Hours in Pathway..... 34

Associate Degree Nursing (ADN) Pathway (P1032C)

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.

Class Lab Clinic Work Credit Exp.

Required Courses (7 semester hours required)

ENG 111	Writing and Inquiry	3	0	0	0	3
ENG 112	Writing/Research in the Discipl	3	0	0	0	3
Or						
ENG 114	Professional Research & Report	3	0	0	0	3
ACA 122	College Transfer Success	0	2	0	0	1
Subtotal						(7)

Humanities/Fine Arts (3 semester hours required)

ART 111	Art Appreciation	3	0	0	0	3
ART 114	Art History Survey I	3	0	0	0	3
ART 115	Art History Survey II	3	0	0	0	3
MUS 110	Music Appreciation	3	0	0	0	3
PHI 240	Introduction to Ethics	3	0	0	0	3
Subtotal						(3)

Social/Behavioral Science (6 semester hours required)

PSY 150	General Psychology	3	0	0	0	3
PSY 241	Developmental Psych	3	0	0	0	3
Subtotal						(6)

Natural Sciences (One science sequence must be selected from the following.)

BIO 165	Anatomy and Physiology I	3	3	0	0	4
And						
BIO 166	Anatomy and Physiology II	3	3	0	0	4
Or						
BIO 168	Anatomy and Physiology I	3	3	0	0	4
And						
BIO 169	Anatomy and Physiology II	3	3	0	0	4
Subtotal						(8)

Total Semester Credit Hours in Pathway..... 24

Associate in Science Pathway (P1042C)

This pathway is designed for high school juniors and seniors who wish to begin study toward an Associate in Arts degree and a baccalaureate degree in a STEM or technical major.

Class Lab Clinic Work Credit Exp.

Required Courses (7 semester hours required)

ENG 111	Writing and Inquiry	3	0	0	0	3
ENG 112	Writing/Research in the Discipl	3	0	0	0	3
ACA 122	College Transfer Success	0	2	0	0	1
Subtotal						(7)

Humanities/Fine Arts (6 semester hours required)

Two courses from two different discipline areas must be selected.

ART 111	Art Appreciation	3	0	0	0	3
ART 114	Art History Survey I	3	0	0	0	3
ART 115	Art History Survey II	3	0	0	0	3
COM 231	Public Speaking	3	0	0	0	3
ENG 231	American Literature I	3	0	0	0	3
ENG 232	American Literature II	3	0	0	0	3
ENG 241	British Literature I	3	0	0	0	3
ENG 242	British Literature II	3	0	0	0	3
MUS 110	Music Appreciation	3	0	0	0	3
PHI 240	Introduction to Ethics	3	0	0	0	3
Subtotal						(6)

Social/Behavioral Science (6 semester hours required)

Two courses from two different discipline areas must be selected.

ECO 251	Principles of Microeconomics	3	0	0	0	3
ECO 252	Principles of Macroeconomics	3	0	0	0	3
HIS 111	World Civilizations I	3	0	0	0	3
HIS 112	World Civilizations II	3	0	0	0	3
HIS 131	American History I	3	0	0	0	3
HIS 132	American History II	3	0	0	0	3
POL 120	American Government	3	0	0	0	3
PSY 150	General Psychology	3	0	0	0	3
SOC 210	Introduction to Sociology	3	0	0	0	3
Subtotal						(6)

Mathematics (Select two courses from the following.)

MAT 171	Pre-Calculus Algebra	3	2	0	0	4
MAT 172	Pre-Calculus Trigonometry	3	2	0	0	4
MAT 271	Calculus I	3	2	0	0	4
MAT 272	Calculus II	3	2	0	0	4
Subtotal						(8)

Natural Sciences (One science sequence must be selected from the following.)

BIO 111	General Biology I	3	3	0	0	4
And						
BIO 112	General Biology II	3	3	0	0	4
Or						
CHM 151	General Chemistry I	3	3	0	0	4
And						
CHM 152	General Chemistry II	3	3	0	0	4
Or						
PHY 151	College Physics I	3	2	0	0	4
And						
PHY 152	College Physics II	3	2	0	0	4
PHY 251	General Physics I	3	3	0	0	4
And						
PHY 252	General Physics II	3	3	0	0	4
Subtotal						(8)

***OPTIONAL GENERAL EDUCATION HOURS (0-8 SHC)**

A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Total Semester Credit Hours in Pathway 35-43*

Career Technical Education Pathways for High School Students

Accounting and Finance - Accounting and Finance Core (C25800BP) Certificate - CCP

			Class	Lab	Clinic	Work Credit Exp.
ACC 120	Prin of Financial Accounting	3	2	0	0	4
ACC 121	Prin of Managerial Accounting	3	2	0	0	4
BUS 115	Business Law I	3	0	0	0	3
ECO 251	Principles of Microeconomics	3	0	0	0	3

Total Semester Credit Hours in Program..... 14

Accounting and Finance - Bookkeeping Certificate - CCP (C25800KP)

			Class	Lab	Clinic	Work Credit Exp.
ACC 120	Prin of Financial Accounting	3	2	0	0	4
ACC 121	Prin of Managerial Accounting	3	2	0	0	4
ACC 122	Principles of Financial Acct. II	3	0	0	0	3
ACC 150	Accounting Software Appl	1	3	0	0	2
CTS 130	Spreadsheet	2	2	0	0	3

Total Semester Credit Hours in Program..... 16

Accounting and Finance - Payroll Certificate - CCP (C25800DP)

			Class	Lab	Clinic	Work Credit Exp.
ACC 120	Prin of Financial Accounting	3	2	0	0	4
ACC 122	Principles of Financial Acct. II	3	0	0	0	3
ACC 140	Payroll Accounting	1	3	0	0	2
ACC 150	Accounting Software Appl	1	3	0	0	2
BUS 153	Human Resource Management	3	0	0	0	3
CTS 130	Spreadsheet	2	2	0	0	3

Total Semester Credit Hours in Program..... 17

Alternative Transportation Technology Diploma – CCP (D60420P)

			Class	Lab	Clinic	Work Credit Exp.
ACA 115	Success and Study Skills	0	2	0	0	1
ATT 115	Green Trans Safety and Service	1	2	0	0	2
ATT 125	Hybrid-Electric Transportation	2	4	0	0	4
ATT 130	Biofuels for Transportation	2	3	0	0	3
ATT 135	Gaseous Fuels for Transport	2	3	0	0	3
ATT 140	Emerging Transport Tech	2	3	0	0	3
ENG 110	Freshman Composition	3	0	0	0	3
MAT 110	Math Measurement & Literacy	2	2	0	0	3
TRN 120	Basic Transport Electricity	4	3	0	0	5
TRN 130	Intro to Sustainable Transport	2	2	0	0	3
TRN 140	Transport Climate Control	1	2	0	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	0	2
TRN 145	Advanced Transp Electronics	2	3	0	0	3

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 37

Alternative Transportation Technology – Alternative Fuels

Certificate – CCP (C60420FP)

	Class	Lab	Clinic	Work Exp.	Credit
ATT 115	Green Trans Safety and Service	1	2	0	2
ATT 135	Gaseous Fuels for Trans	2	3	0	3
ATT 140	Emerging Transport Tech	2	3	0	3
TRN 120	Basic Transport Electricity	4	3	0	5
TRN 130	Intro to Sustainable Trans	2	2	0	3

Total Semester Credit Hours in Program..... 16

Automotive Light-Duty Diesel Technology Diploma – CCP (D60430P)

	Class	Lab	Clinic	Work Exp.	Credit
ACA 115	Success and Study Skills	0	2	0	1
ATT 130	Biofuels for Transportation	2	3	0	3
ENG 110	Freshman Composition	3	0	0	3
HET 134	Diesel Fuel & Power Sys	2	3	0	3
LDD 112	Intro to Light-Duty Diesel	2	2	0	3
LDD 116	Diesel Electric Drive	2	6	0	4
LDD 181	LDD Fuel Systems	2	6	0	4
LDD 183	Air, Exhaust, Emissions	2	6	0	4
MAT 110	Math Measurement & Literacy	2	2	0	3
TRN 120	Basic Transport Electricity	4	3	0	5
TRN 130	Intro to Sustainable Trans	2	2	0	3
TRN 140	Transport Climate Control	1	2	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	2

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 40

Automotive Light-Duty Diesel Technology - Light-Duty Diesel Fuel Systems

Certificate – CCP (C60430LP)

	Class	Lab	Clinic	Work Exp.	Credit
LDD 112	Intro Light-Duty Diesel	2	2	0	3
LDD 181	LDD Fuel Systems	2	6	0	4
LDD 183	Air, Exhaust, Emissions	2	6	0	4
TRN 120	Basic Transport Electricity	4	3	0	5

Total Semester Credit Hours in Program..... 16

Automotive Systems Technology Diploma – CCP (D60160P)

	Class	Lab	Clinic	Work Exp.	Credit
ACA 115	Success and Study Skills	0	2	0	1
AUT 141	Suspension and Steering Sys	2	3	0	3
AUT 141A	Suspension and Steering Lab*	0	3	0	1
AUT 151	Brake Systems	2	3	0	3
AUT 151A	Brake Systems Lab*	0	3	0	1
AUT 181	Engine Performance 1	2	3	0	3
AUT 181A	Engine Performance 1 Lab*	0	3	0	1
AUT 183	Engine Performance 2	2	6	0	4
ENG 110	Freshman Composition	3	0	0	3
MAT 110	Math Measurement & Literacy	2	2	0	3
TRN 111	Chassis Maint/Light Repair	2	6	0	4
TRN 112	Powertrain Maint/Light Repair	2	6	0	4
TRN 120	Basic Transport Electricity	4	3	0	5
TRN 130	Intro to Sustainable Trans	2	2	0	3
TRN 140	Transport Climate Control	1	2	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	2

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 43

Automotive Systems Technology – Engine Performance

Certificate – CCP (C60160P)

	Class	Lab	Clinic	Work Exp.	Credit
AUT 181	Engine Performance 1	2	3	0	3
AUT 181A	Engine Performance 1 Lab*	0	3	0	1
AUT 183	Engine Performance 2	2	6	0	4
TRN 112	Powertrain Maint/Light Repair	2	6	0	4
TRN 120	Basic Transport Electricity	4	3	0	5

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 17

Automotive Systems Technology – Auto MAST Level I

Certificate – CCP (C60160NP)

	Class	Lab	Clinic	Work Exp.	Credit
AUT 141	Suspension and Steering	2	3	0	3
AUT 141A	Suspension and Steering Lab*	0	3	0	1
AUT 151	Brake Systems	2	3	0	3
AUT 151A	Brake Systems Lab*	0	3	0	1
TRN 111	Chassis Maint/Light Repair	2	6	0	4
TRN 130	Intro to Sustainable Trans	2	2	0	3

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 15

Automotive Systems Technology – Auto MAST Level II

Certificate – CCP (C60160EP)

	Class	Lab	Clinic	Work Exp.	Credit
AUT 181	Engine Performance 1	2	3	0	3
AUT 181A	Engine Performance 1 Lab*	0	3	0	1
TRN 112	Powertrain Maint/Light Repair	2	6	0	4
TRN 120	Basic Transport Electricity	4	3	0	5
TRN 140	Trans Climate Control	1	2	0	2
TRN 140A	Trans Climate Control Lab	1	2	0	2

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 17

Business Administration - Basic Certificate – CCP (C25120P)

	Class	Lab	Clinic	Work Exp.	Credit
BUS 110	Introduction to Business	3	0	0	3
BUS 115	Business Law I	3	0	0	3
BUS 137	Principles of Management	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	3
MKT 120	Principles of Marketing	3	0	0	3

Total Semester Credit Hours in Program..... 15

Business Administration - Entrepreneurship Certificate – CCP (C25120EP)

	Class	Lab	Clinic	Work Exp.	Credit
ACC 120	Princip of Financial Accounting	3	2	0	4
BUS 139	Entrepreneurship I	3	0	0	3
BUS 230	Small Business Mgmt	2	0	0	3
MKT 120	Principles of Marketing	3	0	0	3
MKT 232	Social Media Marketing	3	2	0	4

Total Semester Credit Hours in Program..... 17

Collision Repair and Refinishing Technology Diploma – CCP (D60130P)

	Class	Lab	Clinic	Work Exp.	Credit
ACA 115	Success and Study Skills	0	2	0	1
AUB 111	Painting and Refinishing I	2	6	0	4
AUB 121	Non-Structural Damage I	1	4	0	3
AUB 131	Structural Damage I	2	4	0	4
AUB 136	Plastics and Adhesives	1	4	0	3
AUB 162	Autobody Estimating	1	2	0	2
ENG 110	Freshman Composition	3	0	0	3
MAT 110	Math Measurement & Literacy	2	2	0	3
TRN 111	Chassis Maint/Light Repair	2	6	0	4
TRN 120	Basic Transport Electricity	4	3	0	5
TRN 140	Transport Climate Control	1	2	0	2
TRN 140A	Transport Climate Control Lab*	1	2	0	2
TRN 180	Basic Welding for Transport	1	4	0	3
TRN 180A	Basic Welding for Trans Lab*	0	3	0	1

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 40

Collision Repair and Refinishing – Insurance Estimating Certificate – CCP (C60130IP)

	Class	Lab	Clinic	Work Exp.	Credit
AUB 111	Painting and Refinishing I	2	6	0	4
AUB 121	Non-Structural Damage I	1	4	0	3
AUB 131	Structural Damage I	2	4	0	4
AUB 136	Plastics & Adhesives	1	4	0	3
AUB 162	Autobody Estimating	1	2	0	2

Total Semester Credit Hours in Program..... 16

Computer-Integrated Machining Diploma – CCP (D50210P)

	Class	Lab	Clinic	Work Exp.	Credit
ACA 115	Success and Study Skills	0	2	0	1
BPR 111	Print Reading	1	2	0	2
BPR 121	Blueprint Reading-Mech	1	2	0	2
DFT 154	Intro Solid Modeling	2	3	0	3
EGR 125	Appl Software for Tech	1	2	0	2
ENG 111	Writing and Inquiry	3	0	0	3
ISC 112	Industrial Safety	2	0	0	2
MAC 112	Machining Technology II	2	12	0	6
MAC 121	Intro to CNC	2	0	0	2
MAC 122	CNC Turning	1	3	0	2
MAC 124	CNC Milling	1	3	0	2
MAC 141	Machining Applications I	2	6	0	4
MAC 151	Machining Calculations	1	2	0	2
MAT 110	Math Measure & Literacy	2	2	0	3
WBL 111	Work-Based Learning	0	0	0	10

Total Semester Credit Hours in Program..... 37

Computer-Integrated Machining – CNC Turning Operator Certificate – CCP (C50210TP)

	Class	Lab	Clinic	Work Exp.	Credit
BPR 111	Print Reading	1	2	0	2
MAC 112	Machining Technology II	2	12	0	6
MAC 121	Intro to CNC	2	0	0	2
MAC 122	CNC Turning	1	3	0	2
MAC 141	Machining Applications I	2	6	0	4

Total Semester Credit Hours in Program..... 16

Computer-Integrated Machining – CNC Milling Operator Certificate – CCP (C50210MP)

	Class	Lab	Clinic	Work Exp.	Credit
BPR 111	Print Reading	1	2	0	2
MAC 112	Machining Technology II	2	12	0	6
MAC 121	Intro to CNC	2	0	0	2
MAC 124	CNC Milling	1	3	0	2
MAC 141	Machining Applications I	2	6	0	4

Total Semester Credit Hours in Program..... 16

Computer-Integrated Machining – Machinist – Entry Certificate – CCP (C50210EP)

	Class	Lab	Clinic	Work Exp.	Credit
BPR 111	Print Reading	1	2	0	2
ISC 112	Industrial Safety	2	0	0	2
MAC 112	Machining Technology II	2	12	0	6
MAC 141	Machining Applications I	2	6	0	4
MAC 151	Machining Calculations	1	2	0	2

Total Semester Credit Hours in Program..... 16

Computer-Integrated Machining – Manufacturing Technician Certificate - CCP (C50210FP)

	Class	Lab	Clinic	Work Exp.	Credit
ATR 112	Intro to Automation	2	3	0	3
BPR 111	Print Reading	1	2	0	2
BPR 121	Blueprint Reading-Mech	1	2	0	2
EGR 125	Appl Software for Tech	1	2	0	2
ISC 112	Industrial Safety	2	0	0	2
MAC 121	Intro to CNC	2	0	0	2
MAT 110	Math Measure & Literacy	2	2	0	3

Total Semester Credit Hours in Program..... 16

Computer-Integrated Machining – Plastic Injection Molding
Certificate - CCP (C50210PP)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
ATR 112	Intro to Automation	2	3	0	0	3
BPR 111	Print Reading	1	2	0	0	2
ISC 112	Industrial Safety	2	0	0	0	2
PLA 110	Intro to Plastics	2	0	0	0	2
PLA 162	Plastics Manuf Processes	2	3	0	0	3

Total Semester Credit Hours in Program..... 12

Criminal Justice Technology - Foundations of CJC
Certificate – CCP (C55180P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
CJC 111	Intro to Criminal Justice	3	0	0	0	3
CJC 113	Juvenile Justice	3	0	0	0	3
CJC 121	Law Enforcement Operations	3	0	0	0	3
CJC 131	Criminal Law	3	0	0	0	3
CJC 132	Court Procedure & Evidence	3	0	0	0	3
CJC 141	Corrections	3	0	0	0	3

Total Semester Credit Hours in Program..... 18

Education–Infant/Toddler Care
Certificate – CCP (C55290P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
EDU 119	Intro to Early Child Education	4	0	0	0	4
EDU 131	Child, Family, & Community	3	0	0	0	3
EDU 144	Child Development I	3	0	0	0	3
EDU 153	Health, Safety & Nutrition	3	0	0	0	3
EDU 234	Infants, Toddlers, & Twos	3	0	0	0	3

Total Semester Credit Hours in Program..... 16

Education–Early Childhood Preschool
Certificate – CCP (C55860P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
EDU 119	Intro to Early Child Education	4	0	0	0	4
EDU 131	Child, Family, & Community	3	0	0	0	3
EDU 145	Child Development II	3	0	0	0	3
EDU 146	Child Guidance	3	0	0	0	3
EDU 153	Health, Safety and Nutrition	3	0	0	0	3

Total Semester Credit Hours in Program..... 16

Education-School-Age – Teacher Educator
Certificate– CCP (C55440TP)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
EDU 131	Child, Family, & Community	3	0	0	0	3
EDU 144	Child Development I	3	0	0	0	3
EDU 145	Child Development II	3	0	0	0	3
EDU 216	Foundations of Education	3	0	0	0	3
EDU 221	Children with Exceptionalities*	3	0	0	0	3

*Must have EDU 144 and EDU 145 before taking this course

Total Semester Credit Hours in Program..... 15

Electronics Engineering Technology Basic
Certificate – CCP (C40200P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
ELC 131	Circuit Analysis I	3	3	0	0	4
ELN 131	Analog Electronics I	3	3	0	0	4
ELN 133	Digital Electronics	3	3	0	0	4

Total Semester Credit Hours in Program..... 12

Emergency Medical Science
Certificate – CCP (C45340P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
BIO 168	Anatomy & Physiology I	3	3	0	0	4
BIO 169	Anatomy & Physiology II	3	3	0	0	4
EMS 110	EMT	6	6	3	0	9
HSC 110	Orientation to Health Careers	1	0	0	0	1

Total Semester Credit Hours in Program..... 18

Film and Video Production Technology
Certificate – CCP (C30140P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
FVP 111	Intro to Film and Video	2	3	0	0	3
FVP 113	Grip & Electrical I	1	4	0	0	3
FVP 114	Camera & lighting I	2	3	0	0	3
FVP 116	Sound Operations	2	3	0	0	3
FVP 220	Editing I	2	3	0	0	3

Total Semester Credit Hours in Program..... 15

Fire Protection Technology
Diploma – CCP (D55240P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
ACA 115	Success & Study Skills	0	2	0	0	1
CIS 110	Intro to Computers	2	2	0	0	3
ENG 111	Writing and Inquiry	3	0	0	0	3
FIP 120	Intro to Fire Protection	3	0	0	0	3
FIP 124	Fire Prevention and Public Ed	3	0	0	0	3
FIP 128	Detection and Investigation	3	0	0	0	3
FIP 132	Building Construction	3	0	0	0	3
FIP 146	Fire Protection Systems	3	2	0	0	4
FIP 152	Fire Protection Law	3	0	0	0	3
FIP 220	Fire-Fighting Strategies	3	0	0	0	3
FIP 221	Adv Fire Fighting Strategies	3	0	0	0	3
FIP 228	Local Govt Finance	3	0	0	0	3
FIP 240	Fire Service Supervision	3	0	0	0	3
FIP 276	Managing Fire Services	3	0	0	0	3

Total Semester Credit Hours in Program..... 41

Fire Protection Technology
Certificate – CCP (C55240P)

	Class	Lab	Clinic	Work	Credit	
				Exp.		
FIP 120	Intro to Fire Protection	3	0	0	0	3
FIP 124	Fire Prevention and Public Ed	3	0	0	0	3
FIP 132	Building Construction	3	0	0	0	3
FIP 152	Fire Protection Law	3	0	0	0	3
FIP 220	Fire Fighting Strategies	3	0	0	0	3
FIP 228	Local Govt Finance	3	0	0	0	3

Total Semester Credit Hours in Program..... 18

Horticulture Technology - Landscape**Certificate – CCP (C15240LP)**

	Class	Lab	Clinic	Work	Credit	Exp.
HOR 112	Landscape Design I	2	3	0	0	3
HOR 114	Landscape Construction	2	2	0	0	3
HOR 116	Landscape Management I	2	2	0	0	3
HOR 118	Equipment Op & Maint	1	3	0	0	2
HOR 213	Landscape Design II	2	2	0	0	3
HOR 215	Landscape Irrigation	2	2	0	0	3

Total Semester Credit Hours in Program..... 17**Horticulture Technology - Turfgrass****Certificate – CCP (C15240TP)**

	Class	Lab	Clinic	Work	Credit	Exp.
GCM 220	Golf Course Maint Systems	3	0	0	0	3
HOR 118	Equipment Op & Maint	1	3	0	0	2
HOR 215	Landscape Irrigation	2	2	0	0	3
TRF 110	Intro Turfgrass Cult & ID	3	2	0	0	4
TRF 260	Adv Turfgrass Mgmt	3	2	0	0	4

Total Semester Credit Hours in Program..... 16**Information Technology -****Computer Programming****Certificate – CCP (C25590CP)**

	Class	Lab	Clinic	Work	Credit	Exp.
CIS 110	Introduction to Computers	2	2	0	0	3
CTS 115	Info Sys Business Concepts	2	3	0	0	3
CSC 151	JAVA Programming	2	3	0	0	3
CSC 153	C# Programming	2	3	0	0	3
CSC 251	Adv JAVA Programming	2	3	0	0	3
CTS 130	Spreadsheet	2	2	0	0	3

Total Semester Credit Hours in Program..... 18**Information Technology - Operating System Admin****Certificate – CCP (C25590SP)**

	Class	Lab	Clinic	Work	Credit	Exp.
CTI 120	Network & Sec Foundation	2	2	0	0	3
NOS 120	Linux/UNIX Single User	2	2	0	0	3
NOS 130	Windows Single user	2	2	0	0	3
NOS 220	Linux/Unix Admin I	2	2	0	0	3
NOS 230	Windows Administration I	2	2	0	0	3
SEC 160	Security Administration I	2	2	0	0	3

Total Semester Credit Hours in Program..... 18**Information Technology - Routing & Switching****Certificate – CCP (C25590RP)**

	Class	Lab	Clinic	Work	Credit	Exp.
CTI 120	Network & Sec Foundation	2	2	0	0	3
NET 125	Introduction to Networks	1	4	0	0	3
NET 126	Routing Basics	1	4	0	0	3
NET 225	Routing & Switching I	1	4	0	0	3
NET 226	Routing and Switching II	1	4	0	0	3
SEC 160	Security Administration I	2	2	0	0	3

Total Semester Credit Hours in Program..... 18**Interpreter Education -****ASL and Deaf Culture****Certificate – CCP (C55300P)**

	Class	Lab	Clinic	Work	Credit	Exp.
ASL 111	Elementary ASL I	3	0	0	0	3
ASL 112	Elementary ASL II	3	0	0	0	3
ASL 181	ASL Lab 1*	0	2	0	0	1
ASL 182	ASL Lab 2*	0	2	0	0	1
ASL 211	Intermediate ASL I	3	0	0	0	3
ASL 281	ASL Lab 3	0	2	0	0	1
IPP 112	Comparative Cultures	3	0	0	0	3

*Denotes a corequisite, course cannot be taken by itself.

Total Semester Credit Hours in Program..... 15**Mechanical Engineering Technology****Hydraulics Certificate – CCP (C40320HP)**

	Class	Lab	Clinic	Work	Credit	Exp.
ACA 115	Success and Study Skills	0	2	0	0	1
EGR 150	Introduction to Engineering	1	2	0	0	2
ELC 128	Introduction to PLC	2	3	0	0	3
HYD 110	Hydraulics/Pneumatics I	2	3	0	0	3
HYD 121	Hydraulics/Pneumatics II	1	3	0	0	2
ISC 112	Industrial Safety	2	0	0	0	2
MEC 130	Mechanisms	2	2	0	0	3

Total Semester Credit Hours in Program..... 16**Mechatronics Engineering Technology - Industrial Manufacturing Production Technician - Apprenticeship****Certificate – CCP (C40350AP)**

	Class	Lab	Clinic	Work	Credit	Exp.
EGR 115	Intro to Technology	2	3	0	0	3
EGR 115A	Intro to Technology Lab	0	3	0	0	1
ISC 170	Problem Solving Skills	3	0	0	0	3
ISC 220	Lean Manufacturing	2	2	0	0	3
MAC 171	Measure/Material & Safety	0	2	0	0	1
MNT 110	Intro to Maint Procedures	1	3	0	0	2

Total Semester Credit Hours in Program..... 13**Mechatronics Engineering Technology – Basic Certificate – CCP (C40350BP)**

	Class	Lab	Clinic	Work	Credit	Exp.
ACA 115	Success and Study Skills	0	2	0	0	1
EGR 125	Appl Software for Tech	1	2	0	0	2
EGR 150	Introduction to Engineering	1	2	0	0	2
ELC 128	Intro to PLC	2	3	0	0	3
ELC 131	Circuit Analysis I	3	3	0	0	4
ISC 112	Industrial Safety	2	0	0	0	2

Total Semester Credit Hours in Program..... 14

Mechatronics Engineering Technology - Maintenance

Certificate – CCP (C40350MP)

	Class	Lab	Clinic	Work Credit	Exp.
ATR 112	Intro to Automation	2	3	0	3
EGR 125	Appl Software for Tech	1	2	0	2
ELC 117	Motors and Controls	2	6	0	4
ELC 128	Intro to PLC	2	3	0	3
ELC 131	Circuit Analysis I	3	3	0	4

Total Semester Credit Hours in Program..... 16

Nurse Aide

Certificate – CCP (C45840P)

	Class	Lab	Clinic	Work Credit	Exp.
NAS 101	Nurse Aide I	3	4	3	6
NAS 103	Home Health Care Nurse Aide	4	4	0	6

Total Semester Credit Hours in Program..... 12

Simulation and Game Development

Certificate – CCP (C25450P)

	Class	Lab	Clinic	Work Credit	Exp.
SGD 111	Introduction to SGD	2	3	0	3
SGD 112	SGD Design	2	3	0	3
SGD 113	SGD Programming	2	3	0	3
SGD 114	3D Modeling	2	3	0	3
SGD 116	Graphic Design Tools	2	2	0	3

Total Semester Credit Hours in Program..... 15

Welding Technology

Diploma – CCP (D50420P)

	Class	Lab	Clinic	Work Credit	Exp.
ACA 115	Success and Study Skills	0	2	0	1
ENG 111	Writing and Inquiry	3	0	0	3
MAT 110	Math Measurement & Literacy	2	2	0	3
WLD 110	Cutting Processes	1	3	0	2
WLD 112	Basic Welding Processes	1	3	0	2
WLD 115	SMAW (Stick) Plate	2	9	0	5
WLD 116	SMAW (stick) Plate/Pipe	1	9	0	4
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
WLD 131	GTAW (TIG) Plate	2	6	0	4
WLD 141	Symbols and Specifications	2	2	0	3
WLD 151	Fabrication I	2	6	0	4
WLD 265	Automated Welding/Cutting	2	6	0	4

Total Semester Credit Hours in Program..... 39

Welding Technology – Basic Welding

Certificate – CCP (C50420BP)

	Class	Lab	Clinic	Work Credit	Exp.
WLD 110	Cutting Processes	1	3	0	2
WLD 112	Basic Welding Processes	1	3	0	2
WLD 117	Industrial SMAW	1	4	0	3
WLD 141	Symbols & Specifications	2	2	0	3
WLD 212	Inert Gas Welding	1	3	0	2

Total Semester Credit Hours in Program..... 12

Welding Technology – Multiple Plate Welding

Certificate – CCP (C50420EP)

	Class	Lab	Clinic	Work Credit	Exp.
WLD 110	Cutting Processes	1	3	0	2
WLD 115	SMAW (Stick) Plate	2	9	0	5
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
WLD 131	GTAW (TIG) Plate	2	6	0	4
WLD 141	Symbols & Specifications	2	2	0	3

Total Semester Credit Hours in Program..... 18

Welding Technology – Industrial Welding

Certificate – CCP (C50420IP)

	Class	Lab	Clinic	Work Credit	Exp.
WLD 115	SMAW (Stick) Plate	2	9	0	5
WLD 117	Industrial SMAW	1	4	0	3
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
WLD 131	GTAW (TIG) Plate	2	6	0	4

Total Semester Credit Hours in Program..... 16

Welding Technology – Industrial Maintenance

Certificate – CCP (C50420MP)

	Class	Lab	Clinic	Work Credit	Exp.
WLD 115	SMAW (Stick) Plate	2	9	0	5
WLD 121	GMAW (MIG) FCAW/Plate	2	6	0	4
WLD 141	Symbols & Specifications	2	2	0	3
WLD 151	Fabrication I	2	6	0	4

Total Semester Credit Hours in Program..... 16