SOUTH PIEDMONT
COMMUNITY COLLEGE

College Transfer Pathway (CTP)

Career & Technical Education (CTE)

Program Guide
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South Piedmont Community College serves Anson and Union Counties
The college is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees, diplomas, and certificates

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Career and College Promise (CCP) Overview

South Piedmont Community College's (SPCC) Secondary Education Partnerships department aligns with the SPCC's mission to foster life-long learning, student success, and workforce and community development opportunities for our high school students. We provide opportunities through the Career & College Promise (CCP) to qualified NC high school students in Anson and Union counties to pursue opportunities to jumpstart their workplace and college preparations through our certificate, diploma, or degree programs. CCP at SPCC offers eligible students the opportunity to earn college credit while still enrolled in high school. The best part: tuition is free!

North Carolina high school students (from public high schools, private high schools, charter schools and home schools) who meet GPA and other requirements are eligible to participate in the CCP program.
Students may choose to take classes from the College Transfer Pathways (CTP) focusing on transferable general education courses or Career and Technical Education (CTE) pathways focusing on manufacturing, science, technology, engineering, mathematics and transportation.

Students can also simultaneously earn their high school diploma and college credits towards a transferable associate degree or career certificate through one of our Cooperative Innovative High Schools (CIHS). Find more information on CIHS here (https://spcc.edu/areas-of-study/high- schools/early-colleges/).

The South Piedmont Community College School of Arts and Sciences offers transfer pathways that provide structured sets of general education courses. Upon completion of a transfer pathway, students will be able to earn an accompanying associate's degree with less than 30 additional hours of coursework. The transfer pathways are as follows:

- Career and College Transfer Pathway Leading to the Associate in Arts
- Career and College Transfer Pathway Leading to the Associate in Science
- Career and College Transfer Pathway Leading to the Associate in Fine Arts in Visual Arts
- Career and College Transfer Pathway Leading to the Associate in Engineering
- Career and College Transfer Pathway Leading to the Associate Degree Nursing (ADN)
- Career and College Transfer Pathway Leading to the Associate in Arts in Teacher Preparation
- Career and College Transfer Pathway Leading to the Associate in Science in Teacher Preparation

The South Piedmont Community College School of Applied Science and Technology and School of Health and Public Safety offers CTE pathways within the following areas of study:

- Arts and Digital Media;
- Business;
- Construction;
- Early Childhood Education;
- Health Sciences and Nursing;
- Human Services;
- Information Technology;
- Manufacturing;
- Public Safety;
- Science, Technology, Engineering & Math; and
- Transportation and Automotive.

Upon completion, students will earn a certificate and will have accumulated college credits toward an Associate in Applied Science (AAS) degree or diploma

Pathway Selection

There are two pathway options (College Transfer and Career and Technical Education). Under these pathways, there are many areas of study. Students must choose a pathway from either the college transfer (CTP) option, career or technical education (CTE) option or both. Students cannot individually select courses to register for without first choosing a pathway at the time of enrollment.

Students are not required to complete the pathway they choose to enroll in but are only eligible to register for courses that are offered in the pathway they choose.

Pathway Selection options for students:

- **ONE** College Transfer Pathway (CTP) or
- **ONE** Career and Technical Education (CTE) Certificate/Diploma Pathway or
- **ONE** College Transfer Pathway (CTP) and **ONE** Career and Technical Education (CTE) Certificate/Diploma Pathway or
- **TWO** Career and Technical Education (CTE) Certificate/Diploma Pathways

Eligibility Requirements

College Transfer Pathway

11th and 12th Grade:

1. Have an unweighted GPA of 2.8 on high school courses; **or**

2. *Demonstrate college readiness in English, reading and mathematics on an approved assessment (see page 6)*

Career and Technical Education Certificate

11th and 12th Grade:

1. Have an unweighted GPA of 2.8 on high school courses; **or**
2. Demonstrate college readiness in English, reading and mathematics on an assessment (*see page 6*); **or**
3. Have the recommendation of the high school principal or his/her designee and his/her rationale for recommendation in place of GPA requirement (assessment scores should be considered) and have the recommendation of the college's Chief Academic Officer or Chief Student Development Administrator; **and**
4. If the pathway requires any course on the UGETC (Universal General Education Transfer Component) list, the same criteria for the transfer pathway will be required.
5. Recommendation will not be allowed for CTE pathways that include UGETC (Universal General Education Transfer Component) course(s) included in the pathways.

Career and Technical Education Certificate

9th and 10th Grade:

Option 1:

1. Have the recommendation of the high school principal or his/her designee (assessment scores should be considered); **and** have the recommendation of the college's Chief Academic Officer or Chief Student Development Administrator; **and**
2. Pass Math I with a grade of C or better; **and**
3. Score a 3, 4, or 5 on the End of Course assessment (EOC) for Math I; **and**
4. Score a 3, 4, or 5 on the 8th grade End of Grade ELA assessment; **and**
    i. Enroll in Engineering, Industrial, Agriculture and Natural Resources, or Transportation Systems, Construction and Business Technologies programs

Freshman and Sophomore students may not enroll in any CTE pathways that contain UGETC (Universal General Education Transfer Component) courses.

Option 2:

1. Have the recommendation of the high school principal or his/her designee (assessment scores should be considered); **and** recommendation of the college's Chief Academic Officer or Chief Student Development Administrator; **and**
2. Demonstrate college readiness in English, reading and mathematics on an assessment (*see page 6)*; **and**
3. Enroll in Engineering, Industrial, Agriculture and Natural Resources, or Transportation Systems, Construction and Business Technologies programs
4. **Freshman and Sophomore students may not enroll in any CTE pathways that contain UGETC (Universal General Education Transfer Component) courses.**

Assessment Options

Test	PSAT 10 & PSAT/NMSQT (2015 and Future)	SAT (March 2016 & Future)	Pre-ACT & ACT	RISE Placement Test
English	26 **or** a composite score of 460 for Evidenced- Based Reading and Writing	480 composite score for Evidenced Based Reading and Writing	18	70 or higher on: Tier 1 **and** Tier 2
Reading			22	
Math	24.5 or 510	530	22	70 or higher on: Tier 1 **and** Tier 2 **and** Tier 3

*To be eligible for enrollment in a College Transfer Pathway, students must demonstrate college readiness in English, reading, and mathematics on an approved test or tests. Eligibility may be demonstrated by achieving the required scores on a single test or by combining test scores from any of the approved assessments. For example, a student may combine a 22 on ACT math with a 480 on SAT composite score for evidenced based reading and writing to demonstrate college readiness.

High School Transcripts

High school transcripts must include the following:

1. student grade level (9th, 10th, 11th or 12th grade) **and**
2. high school courses completed and in progress **and**
3. the **unweighted** high school GPA
4. Expected date of high school graduation

The total number of credits on the high school transcript **does not replace** the requirement of the student's grade level to be listed on the high school transcript.

Students have access to the College Transfer Pathway for one year as a junior and one year as a senior.

An updated high school transcript must be provided to the college to verify the student is still enrolled in high school and making progress towards high school graduation for **each term they are enrolled** in CCP.

Private, charter and homeschool students must provide an updated transcript to their advisor each semester prior to course registration.

Career and College Promise (CCP) Processes

Direct Placement into MAT 271, Calculus I

A student may place directly into MAT 271 if the student has met at least one (1) of the following criteria within the past five (5) years:

- A score of 2 or higher on the AP Calculus AB Exam.
- A grade of C or higher in an AP Calculus course and an unweighted HS GPA of 3.0 or higher.
- A score of 90 or higher on the ACCUPLACER College-Level Math (CLM) test.
- A score of 46 or higher on the trigonometry section of the ACT Compass Math Placement Test.
- A score of 580 or higher on the old (prior to March 2016) SAT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.
- A score of 600 or higher on the new (March 2016 and beyond) SAT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.
- A score of 27 or higher on the ACT Math and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.
- A score of 560 or higher on the SAT Subject Test in Mathematics Level 2.

MAT 271 Direct Placement Policy Addition
- Local diagnostic exam or challenge exam which demonstrates proficiency in Pre-Calculus course(s) competencies.
- An unweighted HS GPA of 3.5 or higher and a grade of C or higher in the North Carolina Standard Course of Study Pre-Calculus course or an equivalent course from another state.

Change of Pathway Procedure

- Students who wish to change their pathway, or add a pathway, must complete a Change of Pathway form located in Student Forms within the Student Panel on the South Piedmont website.
- The high school and South Piedmont Chief Academic Officer must approve this request before processing.
- <u>Justification for requesting this change and how it will meet your future career or educational goals must be provided and attached to the electronic form</u>. Options include career information from the Occupational Outlook Handbook, a baccalaureate degree plan, or career assessment results. Resources are below:
  - Baccalaureate Degree Plans - https://spcc.edu/student-resources/advising/register/transfer-student-resources/
  - Career Assessments:
    - SPCC Career Coach Career Assessment www.spcc.emsicc.edu
    - Occupational Handbook - www.nccareers.org
- Change of pathway forms must be approved and processed before registration of new courses within the pathway will be processed.

Advanced Placement (AP) Credit

Students who complete Advanced Placement (AP) classes in high school and take the AP Exam for the course can receive credit for college class prerequisites and non-course equivalencies. These course credit options may be applied toward degrees offered at South Piedmont Community College and allowstudents to progress through pathways more rapidly. The chart below lists the AP classes and exam scores required to earn course prerequisite and non-course equivalency credit:

Advanced Placement (AP) Score Equivalencies

Exam Name	Score 3	Score 4 or 5
Art History	ART 114	ART 114 **&** ART 115
Biology	BIO 111	BIO 111 **&** BIO 112
Calculus AB	MAT 171 **&** MAT 172	MAT 171 **&** MAT 172 **&** MAT 271
Calculus BC	MAT 271	MAT 271 **&** MAT 272
Chemistry	CHM 151	CHM 151 **&** CHM 152
Computer Science A	CIS 115	CIS 115
Computer Science Principles	CIS 110	CIS 110
English Language and Composition	ENG 111	ENG 111 **&** ENG 112
English Literature and Composition	ENG 231 **or** ENG 232 **or** ENG 241 **or** ENG 242	One grouping for 6 credits
Microeconomics	ECO 251	ECO 251
Macroeconomics	ECO 252	ECO 252
Physics B	PHY 151	PHY 151 & PHY152
Physics C Electricity and Magnetism	PHY 251	--
Physics C Mechanics	PHY 252	--
Psychology	PSY 150	PSY 150
Spanish Language and Culture	SPA 111	SPA 111 **&** SPA 112
Statistics	MAT 152	MAT 152
Studio Art Drawing	ART 131	ART 131
Studio Art 2D Design	ART 121	ART 121
Studio Art 3D Design	ART 122	ART 122
United States Government and Politics	POL 120	POL 120
World History	HIS 111	HIS 111
United States History	HIS 131	HIS 131

Dual Enrollment- High School Graduation and Elective Credit Equivalencies

Students who enroll in and pass aligned Universal General Education Transfer Credit (UGETC) courses not only complete requirements toward a college degree but can also receive high school graduation and elective credits. Starting with the 2018 school year, all students receive the same academic high school weight for general education courses as they might for the same Advanced Placement (AP) class. Please note: dual credit opportunities are contingent upon the college transfer path chosen. Not all opportunities are available in all pathways. Below are the graduation and elective courses available:

High School Graduation and Elective Opportunities

High School Course	College Transfer Pathway Course
American History*	HIS 131: American History I **and** HIS 132: American History II
World History	HIS 111: World Civilizations I **and** HIS 112: World Civilizations II
Biology	BIO 111: General Biology I **and** BIO 112: General Biology II
English III	ENG 111: Writing & Inquiry **and** ENG 112: Writing/Research in the Disciplines **and** ENG 231: American Literature I **or** ENG 232: American Literature II
English IV	ENG 111: Writing & Inquiry **and** ENG 112: Writing/Research in the Disciplines **and** ENG 241: British Literature I **or** ENG 242: British Literature II
Fourth Math Credit	MAT 143: Quantitative Literacy **or** MAT 152: Statistical Methods I **or** MAT 171: Pre-calculus Algebra **or** MAT 172: Pre-calculus Trigonometry **or** MAT 263: Brief Calculus **or** MAT 271: Calculus I **or** MAT 272: Calculus II
Physical Science Credit	CHM 151: General Chemistry I **and** CHM 152: General Chemistry II; **or** PHY 151: College Physics I **and** PHY 152: College Physics II; **or** PHY 251: General Physics I **and** PHY 252: General Physics II
Elective Credit	ART 111, ART 114, ART 115, AST 111, AST 151, BIO 110, BIO 111, CHM 151, CHM 152, COM 231, ECO 251, ECO 252, ENG 111, ENG 112, ENG 231, ENG 232, ENG 241, ENG 242, GEL 111, HIS 111, HIS 112, MUS 110, MUS 112, PHI 240, PHY 110, PHY 151, PHY 152, PHY 251, PHY 252, POL 120, PSY 150, SOC 210

*Students entering high school as a 9th grade student during 2019-2020 or 2020-2021, please refer to your high school counselor.

High School Career Clusters

High school students who achieve a grade of B or higher and achieve a score of 93 or higher on the standardized Career and Technical Education (CTE) post-assessment test, for certain high school CTEclasses, can be provided college credit toward many of the college CTE pathway courses within the Career and College Promise program. This option is made available through the North Carolina High School to Community College Articulation Agreement which provides a seamless process that joins secondary and postsecondary Career and Technical Education (CTE) programs of study.

The articulation agreement ensures that if a student is proficient in their high school course, the studentcan receive college credit for the articulated course at South Piedmont Community College. To receive articulated credit the current high school student must be enrolled in a Career and College Promise CTE pathway that contains the articulated course. High school graduates can receive course credit by requesting the articulated course credit within two years of their high school graduation date.

High School Program Area	High School CourseNumber and Title	Articulated College Course Number and Title
Agricultural Education	AS32 Agricultural Mechanics II	WLD 112 Basic Welding Processes
Business and Information Technology	BN20 Network Administration I	CTI 120 Network and Security Foundations, or NOS 110 Operating Systems, or SEC 110 Security Concepts
Family and Consumer Science Education	FE11 Early Childhood Education I FE12 Early Childhood Education II	EDU 119 Intro to Early Childhood Education
Health Science Education	HU40 Health Science I	MED 121 Medical Terminology IMED 122 Medical Terminology II
Health Science Education	HN43 Nursing Fundamentals	NAS 101 Nursing Assistant I
Marketing Education	MM51 Marketing	MKT 120 Principles of Marketing

Trade and Industrial Education - Local Articulation	IK 25 Introduction to Refrigeration	AHR 110 Introduction to Refrigeration
Trade and Industrial Education - Local Articulation	IK24 HVAR Electricity	AHR 111 HVAC-R Electricity
Trade and Industrial Education	II21 Computer Engineering Technology	CTS 120 Hardware/Software Support
Trade and Industrial Education	IC61 Drafting I **AND** IV22 Drafting II - Engineering	DFT-151 CAD I
Trade and Industrial Education	IM41 Metals Manufacturing Technology I **AND** IM42 Metals Manufacturing Technology II	MAC-111 Machining Technology I
Trade and Industrial Education	IM41 Metals Manufacturing Technology I **AND** IM42 Metals Manufacturing Technology II	MAC-151 Machining Calculations
Trade and Industrial Education	IM61 Welding Technology I **AND** IM62 Welding Technology II	WLD-110 Cutting Processes **AND** WLD-115 Small (STICK)Plate **AND** WLD-121 GMAW (MIG)FCAW/ Plate (If IM62 Complete Prior to 2017)

Steps to Enrollment

1. **Complete Online Application to South Piedmont Community College (SPCC)**

   a) Application located on spcc.edu under the Admissions tab ("Apply Online")

   b) Students who do not already have a CFNC (College Foundation of North Carolina)account, will be new users and need to create an account.

   c) Within the application, under the *Enrollment Information* tab, select Entrance Status asCareer and College Promise (Current NC high school students ONLY).

   d) Public and Charter school students must enter high school ID number.

   e) On final page of application, Public and Charter students will need to check box to send high school transcript electronically. All other high school students can coordinate with their high school for transcript submission.

2. **Set up and Log into SPCC Student Accounts**

   a) Within 24-48 business hours, after submitting application, students will receive an emailwith detailed information regarding how to set up their SPCC student technology accounts.

   b) If you did not receive this email,

   c) Please check spam box.

   d) Email the SPCC admissions team at admissions@spcc.edu and request for them to re-send the email with your SPCC student ID number. Be sure to use the email linked to your CFNC account.

   e) Set up Go Portal and O365 first. (Canvas and Aviso will be available once registered courses begin). Access to all of these accounts are found in the Student Panel on the South Piedmont website.

3. **Complete Initial Eligibility Form in Etrieve**

   a) Etrieve is located on spcc.edu in top right corner under "Student Panel" (Forms (Etrieve))

   b) Initial eligibility verifies program intention and program eligibility. <u>This form must becompleted and processed before registration of courses can occur.</u> Students are encouraged to be in communication with their high school before the form is completed.

   c) Students are strongly encouraged to have met face to face or virtually with the SPCC Career Coach or Advisor (homeschool, private charter) before processing.

   d) Initial Eligibility is only required once to begin the program.

4. **Fill Out CCP Registration Request Form in Etrieve**

   a) Etrieve is located on spcc.edu in top right corner under "Student Panel" (Forms (Etrieve))

   b) Registration forms are registration requests by the student. Not all requests guaranteeregistration and all courses must be in the chosen CCP Pathway.

   c) Upon completed registration, students will receive a registration confirmation email totheir SPCC student email. Schedules can also be checked by the student through their Go Portal.

5.   View Online Orientation

a) Online orientation link can be found in the Student Panel under New StudentOrientation at [www.spcc.edu.](www.spcc.edu)

6.   SPCC Textbooks

a) There is no need to go to the bookstore or order books online. Your BibliU resources will appear in your Canvas course(s) page on the first day.

b) You will receive an electronic or physical invoice for "digital course materials" for each course.

c) If you have questions, contact high school counselor about SPCC textbook fees.

7.   First Day of Class

a) Student schedules can be viewed within their Go Portal at any time. Online courses display in Canvas the day courses begin (course start date indicated on schedule).

Career and College Promise (CCP) Pathways & Codes

College Transfer Pathways (CTP)

Career and College Promise College Transfer Pathway Leading to

Associate in Arts

Code: P1012C

This Pathway is designed for students who wish to begin study toward the Associate in Arts degree and a baccalaureate degree in a non-STEM major. The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA) with the NC University System.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Arts degree except for mathematics courses beyond MAT 171. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	3
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	

Potential Areas of Study Post-High School:	
English	Communication
Foreign Language	Journalism
Criminal Justice	Psychology
Political Science	Social Work
History	Accounting, Finance, Marketing,
	Business Administration, Economics, etc.

Career and College Promise Pathway Leading to **Associate in Arts P1012C**	
English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* *** Pre-requisite of ENG 111 required**	3
Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1
Communication Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 120: Intro to Interpersonal Communication COM 231: Public Speaking	3
Humanities/ Fine Arts Elective Select **TWO** courses listed below for a total of 6 credit hours	**Credits**
ART 111: Art Appreciation ENG 231: American Literature I* * ART 114: Art History Survey I ENG 232: American Literature II* * ART 115: Art History Survey II ENG 241: British Literature I* * MUS 110: Music Appreciation ENG 242: British Literature II** MUS 112: Introduction to Jazz PHI 240: Introduction to Ethics* *** Pre-requisite of ENG 111 required** **** Pre-requisite of ENG 111 & ENG 112 required**	3 3
Social/ Behavioral Science Elective Select **THREE** courses listed below for a total of 9 credit hours Courses will need to be selected from **two different disciplines**	**Credits**
HIS 111: World Civilizations I ECO 251: Principles of Microeconomics HIS 112: World Civilizations II ECO 252: Principles of Macroeconomics HIS 131: American History I PSY 150: General Psychology HIS 132: American History II SOC 210: Introduction to Sociology POL 120: American Government	3 3 3
Mathematics Elective Select **ONE** course listed below for a total of 3-4 credit hours	**Credits**
MAT 143: Quantitative Literacy MAT 152: Statistical Methods I MAT 171: Pre-calculus Algebra	3-4
Natural Sciences Elective Select **ONE** course listed below for a total of 4 credit hours	**Credits**
AST 151: General Astronomy I **and** AST 151A: General Astronomy Lab BIO 110: Principles of Biology I BIO 111: General Biology I CHM 151: General Chemistry I GEL 111: Introduction to Geology PHY 110: Conceptual Physics **and** PHY 110A: Conceptual Physics Lab	4
Total Credit Hours:	**32-33**

Career and College Promise College Transfer Pathway Leading to
Associate in Science
Code: P1042C

This Pathway is designed for students who wish to begin study toward the Associate in Science degree and a baccalaureate degree in a STEM or technical major. The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA) with the NC University System.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Science degree except for mathematics courses beyond MAT 271. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	3
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	

Potential Areas of Study Post-High School:	
Pre-Med	Computer Science
Biology	Actuarial Science
Chemistry	Psychology
Exercise Science	Physics
Math	

Career and College Promise Pathway Leading to **Associate in Science P1042C**	

English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* * Pre-requisite of ENG 111 required	3

Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1

Communication Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 120: Intro to Interpersonal Communication COM 231: Public Speaking	3

Humanities/ Fine Arts Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
ART 111: Art Appreciation ENG 231: American Literature I* * ART 114: Art History Survey I ENG 232: American Literature II* * ART 115: Art History Survey II ENG 241: British Literature I* * MUS 110: Music Appreciation ENG 242: British Literature II** MUS 112: Introduction to Jazz PHI 240: Introduction to Ethics* * Pre-requisite of ENG 111 required ** Pre-requisite of ENG 111 & ENG 112 required	3

Social/ Behavioral Science Elective Select **TWO** courses listed below for a total of 6 credit hours Courses will need to be selected from **two different disciplines**	**Credits**
HIS 111: World Civilizations I ECO 251: Principles of Microeconomics HIS 112: World Civilizations II ECO 252: Principles of Macroeconomics	3
HIS 131: American History I PSY 150: General Psychology HIS 132: American History II SOC 210: Introduction to Sociology POL 120: American Government	3

Mathematics Elective Select **TWO** courses listed below for a total of 8 credit hours	**Credits**
MAT 171: Pre-calculus Algebra MAT 172: Pre-calculus Trigonometry* MAT 263: Brief Calculus*	4
MAT 271: Calculus I** MAT 272: Calculus II*** * Pre-requisite of MAT 171 required ** Pre-requisites of MAT 171 & MAT 172 required or Direct Placement *** Pre-requisite of MAT 271 required	4

Natural Sciences Elective Select **ONE SET** of courses listed below for a total of 8 credit hours	**Credits**
BIO 111: General Biology I **and** BIO 112: General Biology II* CHM 151: General Chemistry I **and** CHM 152: General Chemistry II** PHY 151: College Physics I*** **and** PHY 152: College Physics II**** PHY 251: General Physics I***** **and** PHY 252: General Physics II******* GEL 111: Introductory Geology **and** AST 151/AST 151A: General Astronomy I and Lab	4
* Pre-requisite of BIO 111 required **** Pre-requisite of PHY 151 required ** Pre-requisite of CHM 151 required ***** Pre-requisite of MAT 271 and co-requisite of MAT 272 required *** Pre-requisite of MAT 171 required ****** Pre-requisite of PHY 251 and MAT 272 required	4
Total Credit Hours:	**35**

Career and College Promise College Transfer Pathway Leading to

Associate in Fine Arts

Code: P1062C

This Pathway is designed for students who wish to begin study toward the Associate in Fine Arts-Visual Arts degree and a baccalaureate degree in a Visual Arts major. The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA) with the NC University System.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Visual Arts degree. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	3
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	

Potential Areas of Study Post-High School:	
Graphic Design	Architecture
Dance	Music
Theatre	Studio Art
Art History	Consumer, Apparel and Retail Studies

Career and College Promise Pathway Leading to **Associate in Fine Arts P1062C**	

English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* * Pre-requisite of ENG 111 required	3

Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1

Communication Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 120: Intro to Interpersonal Communication COM 231: Public Speaking	3

Humanities/ Fine Arts Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
ART 111: Art Appreciation ENG 231: American Literature I* * ART 114: Art History Survey I ENG 232: American Literature II* * ART 115: Art History Survey II ENG 241: British Literature I* * MUS 110: Music Appreciation ENG 242: British Literature II** MUS 112: Introduction to Jazz PHI 240: Introduction to Ethics* * Pre-requisite of ENG 111 required ** Pre-requisite of ENG 111 & ENG 112 required	3

Social/ Behavioral Science Elective Select **TWO** courses listed below for a total of 6 credit hours Courses will need to be selected from **two different disciplines**	**Credits**
HIS 111: World Civilizations I ECO 251: Principles of Microeconomics HIS 112: World Civilizations II ECO 252: Principles of Macroeconomics HIS 131: American History I PSY 150: General Psychology	3
HIS 132: American History II SOC 210: Introduction to Sociology POL 120: American Government	3

Mathematics Elective Select **ONE** course listed below for a total of 3-4 credit hours	**Credits**
MAT 143: Quantitative Literacy MAT 152: Statistical Methods I MAT 171: Pre-calculus Algebra MAT 271: Calculus I* *Pre-requisites of MAT 171 & MAT 172 required or Direct Placement	3-4

Natural Sciences Elective Select **ONE** course listed below for a total of 4 credit hours	**Credits**
AST 151: General Astronomy I **and** AST 151A: General Astronomy Lab BIO 110: Principles of Biology I BIO 111: General Biology I CHM 151: General Chemistry I GEL 111: Introduction to Geology PHY 110: Conceptual Physics **and** PHY 110A: Conceptual Physics Lab	4

Art Elective The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ART 121: Design I*	3
ART 131: Drawing I* * Studio Art Course – Required In-Person Attendance	3
Total Credit Hours:	**32-33**

Career and College Promise College Transfer Pathway Leading to
Associate in Engineering
Code: P1052C

This Pathway is designed for students who wish to begin study toward the Associate in Engineering degree and a baccalaureate degree in an engineering science major. The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA) with the NC University System.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Engineering degree except for mathematics courses beyond MAT 272. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	3
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	

Potential Areas of Study Post-High School:		
Mechanical Engineering	Civil Engineering	Industrial Engineering
Chemical Engineering	Computer Engineering	Aerospace Engineering
Nuclear Engineering	Construction Engineering	

Career and College Promise Pathway Leading to **Associate in Engineering P1052C**	
English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* * Pre-requisite of ENG 111 required	3
Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1
Communication or Humanities/ Fine Arts Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 231: Public Speaking ENG 231: American Literature I* ENG 232: American Literature II° ENG 241: British Literature I** ENG 242: British Literature II** PHI 240: Introduction to Ethics* * Pre-requisite of ENG 111 required ** Pre-requisite of ENG 111 & ENG 112 required	**3**
Social/ Behavioral Science Elective The following **ONE** course is required for a total of 3 credit hours	**Credits**
ECO 251: Principles of Microeconomics	3
Mathematics Elective The following **TWO** courses are required for a total of 8 credit hours	**Credits**
MAT 271: Calculus I* MAT 272: Calculus II**	4
*Pre-requisites of MAT 171 & MAT 172 required or Direct Placement *** Pre-requisite of MAT 271 required	4
Natural Sciences Elective Select **TWO** courses listed below for a total of 8 credit hours	**Credits**
CHM 151: General Chemistry I PHY 251: General Physics I***	4
PHY 252 General Physics II**** ***Pre-requisite of MAT 271 and co-requisite of MAT 272 required ****Pre-requisite of PHY 251 and MAT 272 required	4
Engineering Elective The following **TWO** courses are required for a total of 5 credit hours	**Credits**
EGR 150: Intro to Engineering	2
DFT 170: Engineering Graphics	3
Total Credit Hours:	**34**

Career and College Promise College Transfer Pathway Leading to

Associate Degree Nursing

Code: P1032C

The Career and College Promise (CCP) ADN Pathway is designed for high school students who wish to begin their educational studies toward the Associate in Nursing degree and a Baccalaureate degree in Nursing.

A student who completes an Associate in Applied Science (AAS) in Nursing with a GPA of at least 2.0 and a grade of C or better and completes the courses in Blocks 2-3 of the Uniform Articulation Agreement between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing programs and the North Carolina Community College Associate Degree Nursing Programs with a GPA of at least 2.0 and a grade of C or better, and who holds a current unrestricted license as a Registered Nurse in North Carolina will have fulfilled the UNC institutions lower-division general education requirements as well as nursing program entry requirements.

Nursing program admissions are competitive, no student is guaranteed admission to the program of his or her choice.

RN – BSN Programs in NC:	
Appalachian State	UNC Charlotte
Fayetteville State	UNC Pembroke
East Carolina	UNC Greensboro
NC A&T	UNC Wilmington
NC Central	Western Carolina
Winston-Salem State	

Career and College Promise Pathway Leading to **Associate Degree Nursing P1032C**	
English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* *** Pre-requisite of ENG 111 required**	3
Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1
Humanities/ Fine Arts Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
ART 111: Art Appreciation ART 114: Art History Survey I ART 115: Art History Survey II MUS 110: Music Appreciation MUS 112: Introduction to Jazz PHI 240: Introduction to Ethics* *** Pre-requisite of ENG 111 required**	3
Social/ Behavioral Science Elective The following **TWO** courses are required for a total of 6 credit hours	**Credits**
PSY 150: General Psychology	3
PSY 241: Developmental Psychology* *** Pre-requisite of PSY 150 required**	3
Natural Sciences Elective The following **TWO** courses are required for a total of 8 credit hours	**Credits**
BIO 168: Anatomy and Physiology I	4
BIO 169: Anatomy and Physiology II* *** Pre-requisite of BIO 168 required**	4
Total Credit Hours:	**24**

Career and College Promise College Transfer Pathway Leading to

Associate in Arts in Teacher Preparation
Code: P1012T

The CCP College Transfer Pathway Leading to the Associate in Arts in Teacher Preparation is designed for high school students who wish to begin study toward the Associate in Arts in Teacher Preparation degree and a baccalaureate degree in teaching in a non-STEM major.

Students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Arts degree in Teacher Preparation with the exception of mathematics courses beyond MAT 171. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	3
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	

Potential Areas of Study Post-High School:	
Middle Grades – Language & Social Studies	Child & Family Development
Special Education	Elementary Education
English, Secondary Education	

Career and College Promise Pathway Leading to	
Associate in Arts in Teacher Preparation P1012T	
English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* *** Pre-requisite of ENG 111 required**	3
Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1
Communication Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 120: Intro to Interpersonal Communication COM 231: Public Speaking	3
Humanities/ Fine Arts Elective Select **TWO** courses listed below for a total of 6 credit hours	**Credits**
ART 111: Art Appreciation ⟶ ENG 231: American Literature I* * ART 114: Art History Survey I ⟶ ENG 232: American Literature II* * ART 115: Art History Survey II ⟶ ENG 241: British Literature I* * MUS 110: Music Appreciation ⟶ ENG 242: British Literature II**	3
MUS 112: Introduction to Jazz ⟶ PHI 240: Introduction to Ethics* *** Pre-requisite of ENG 111 required** DRA 111: Theatre Appreciation ***** Pre-requisite of ENG 111 & ENG 112 required**	3
Social/ Behavioral Science Elective Select **TWO** courses listed below for a total of 6 credit hours Courses will need to be selected from **two different disciplines**	**Credits**
HIS 111: World Civilizations I ⟶ ECO 251: Principles of Microeconomics HIS 112: World Civilizations II ⟶ ECO 252: Principles of Macroeconomics HIS 131: American History I ⟶ PSY 150: General Psychology	3
HIS 132: American History II ⟶ SOC 210: Introduction to Sociology POL 120: American Government	3
Mathematics Elective Select **ONE** course listed below for a total of 4 credit hours	**Credits**
MAT 152: Statistical Methods I MAT 171: Pre-calculus Algebra	4
Natural Sciences Elective Select **ONE** course listed below for a total of 4 credit hours	**Credits**
AST 151: General Astronomy I **and** AST 151A: General Astronomy Lab BIO 110: Principles of Biology I BIO 111: General Biology I CHM 151: General Chemistry I GEL 111: Introduction to Geology PHY 110: Conceptual Physics **and** PHY 110A: Conceptual Physics Lab	4
Sociology Elective The following **ONE** course is required for a total of 3 credit hours	**Credits**
SOC 225: Social Diversity	3
Other Required Hours The following **TWO** courses are required for a total of 7 credit hours	**Credits**
EDU 187: Teaching and Learning for All*	4
EDU 216: Foundations of Education *Students who have completed Teacher Cadet or Teaching as a Profession courses in in high school with a B or better may substitute that course for EDU 187 Teaching and Learning for All	3
Total Credit Hours:	**40**

Career and College Promise College Transfer Pathway Leading to

Associate in Science in Teacher Preparation

Code: P1042T

The CCP College Transfer Pathway Leading to the Associate in Science in Teacher Preparation is designed for high school students who wish to begin study toward the Associate in Science in Teacher Preparation degree and a baccalaureate degree in teaching in a STEM or technical major.

Students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Science in Teacher Preparation degree except for mathematics courses beyond MAT 271. Students may also opt to add up to 8 hours of a foreign language sequence before completing the entire pathway.

Students who complete the courses with a "C" or higher will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Foreign Language Elective Options Select **ONE SET** of courses listed below for a total of 6 credit hours	Credits
SPA 111: Elementary Spanish I and SPA 112: Elementary Spanish II	3
FRE 111: Elementary French I and FRE 112: Elementary French II	
RUS 111: Elementary Russian I and RUS 112: Elementary Russian II	3

Potential Areas of Study Post-High School:
Middle Grades – Math & Science   Elementary Education Special Education

Career and College Promise Pathway Leading to **Associate in Science in Teacher Preparation P1042T**	
English Composition The following **TWO** courses are required for a total of 6 credit hours	**Credits**
ENG 111: Writing & Inquiry	3
ENG 112: Writing/ Research in the Disciplines* * Pre-requisite of ENG 111 required	3
Academic Transition The following **ONE** course is required for a total of 1 credit hour	**Credits**
ACA 122: College Transfer Success	1
Communication Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
COM 120: Intro to Interpersonal Communication COM 231: Public Speaking	3
Humanities/ Fine Arts Elective Select **ONE** course listed below for a total of 3 credit hours	**Credits**
ART 111: Art Appreciation ENG 231: American Literature I* * ART 114: Art History Survey I ENG 232: American Literature II* * ART 115: Art History Survey II ENG 241: British Literature I* * MUS 110: Music Appreciation ENG 242: British Literature II** MUS 112: Introduction to Jazz PHI 240: Introduction to Ethics* * Pre-requisite of ENG 111 required DRA 111: Theatre Appreciation ** Pre-requisite of ENG 111 & ENG 112 required	3
Social/ Behavioral Science Elective Select **ONE** courses listed below for a total of 3 credit hours	**Credits**
HIS 111: World Civilizations I ECO 251: Principles of Microeconomics HIS 112: World Civilizations II ECO 252: Principles of Macroeconomics HIS 131: American History I PSY 150: General Psychology HIS 132: American History II SOC 210: Introduction to Sociology POL 120: American Government	3
Mathematics Elective Select **TWO** courses listed below for a total of 8 credit hours	**Credits**
MAT 171: Pre-calculus Algebra MAT 271: Calculus I** MAT 172: Pre-calculus Trigonometry* MAT 272: Calculus II*** * Pre-requisite of MAT 171 required MAT 263: Brief Calculus* ** Pre-requisites of MAT 171 & MAT 172 required or Direct Placement *** Pre-requisite of MAT 271 required	4 4
Natural Sciences Elective Select **ONE SET** of courses listed below for a total of 8 credit hours	**Credits**
BIO 111: General Biology I **and** BIO 112: General Biology II* CHM 151: General Chemistry I **and** CHM 152: General Chemistry II** PHY 151: College Physics I*** **and** PHY 152: College Physics II**** PHY 251: General Physics I***** **and** PHY 252: General Physics II******* GEL 111: Introductory Geology **and** AST 151/AST 151A: General Astronomy I and Lab * Pre-requisite of BIO 111 required **** Pre-requisite of PHY 151 required ** Pre-requisite of CHM 151 required ***** Pre-requisite of MAT 271 and co-requisite of MAT 272 required *** Pre-requisite of MAT 171 required ****** Pre-requisite of PHY 251 and MAT 272 required	4 4
Sociology Elective The following **ONE** course is required for a total of 3 credit hours	**Credits**
SOC 225: Social Diversity	3
Other Required Hours The following **TWO** courses are required for a total of 7 credit hours	**Credits**
EDU 187: Teaching and Learning for All*	4
EDU 216: Foundations of Education *Students who have completed Teacher Cadet or Teaching as a Profession courses in in high school with a B or better may substitute that course for EDU 187 Teaching and Learning for All	3
Total Credit Hours:	**42**

Career and Technical Education Certificates (CTE)
9th-12th Grade

The following CTE certificates are available to eligible high school **freshman, sophomores, juniors & seniors.**

Business

The following CTE certificates are available to eligible high school **freshman, sophomores, juniors & seniors.**

Accounting CTE Certificate			C25800PA	
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
ACC 120: Principles of Financial Accounting	4	--	Fall, Spring	T*
ACC 121: Principles of Managerial Accounting	4	ACC 120	Spring	T*
ACC 129: Individual Income Taxes	3	--	Spring	--
BUS 115: Business Law I	3	--	Fall	T*
Total Credit Hours:	14			

*T: Transferable under the Comprehensive Articulation Agreement

Business Administration CTE Certificate			C25120PA	
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
ACC 120: Principles of Financial Accounting	4	--	Fall, Spring	T*
BUS 115: Business Law I	3	--	Fall	T*
BUS 137: Principles of Management	3	--	Fall	T*
BUS 139: Entrepreneurship I	3	--	Fall	--
Total Credit Hours:	13			

*T: Transferable under the Comprehensive Articulation Agreement

Construction

The following CTE certificates are available to eligible high school **freshman, sophomores, juniors & seniors.**

Introduction to HVAC – R Certificate			C35100PA
Course	Credits	Pre-Requisite	Semester Offered
AHR 110: Intro to Refrigeration	5	--	Fall
AHR 111: HVACR Electricity	3	--	Spring
AHR 112: Heating Technology	4	--	Fall
AHR 113: Comfort Cooling	4	--	Fall
AHR 151: HVAC Duct Systems I	2	--	Fall
Total Credit Hours:	18		

Enhanced Electrical Certificate			C35130PA
Course	Credits	Pre-Requisite	Semester Offered
ELC 131: Circuit Analysis I	4	--	Fall
ELC 131A: Circuit Analysis I Lab	1	ELC 131 (co-requisite)	Fall
ELC 117: Motors and Controls	4	--	Spring
ELC 128: Intro to PLC	3	--	Spring
DFT 151: CAD I	3	--	Fall
HYD 110: Hydraulics/ Pneumatics	3	--	Spring
Total Credit Hours:	18		

Manufacturing

The following CTE certificates are available to eligible high school **freshman, sophomores, juniors & seniors.**

Introduction to Industrial Systems Certificate			C50240PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
BPR 115: Electrical/Fluid Power Diagram	2	--	Fall
MAC 111: Machining Technology I	6	--	Fall
HYD 110: Hydraulics/ Pneumatics I	3	--	Spring
WLD 112: Basic Welding Processes	2	--	Spring
MAC 114: Intro to Metrology	2	--	Fall
MAC 151: Machining Calculations	2	--	Fall
Total Credit Hours:	17		

Industrial Systems Engineering – Pre-Apprentice Certificate			C50240PC
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
BPR 115: Electrical/Fluid Power Diagram	2	--	Fall
ELC 131: Circuit Analysis I	4	--	Fall
ELC 131A: Circuit Analysis I Lab	1	ELC 131 (co-req)	Fall
HYD 110: Hydraulics/ Pneumatics I	3	--	Spring
ISC 112: Industrial Safety	2	--	Spring
ELC 128: Introduction to PLC	3	--	Spring
WLD 112: Basic Welding Processes	2	--	Spring
WBL 110: World of Work	1	Enrolled in curriculum program	Fall, Spring
Total Credit Hours:	18		

Introduction to Welding Certificate			C50420PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
WLD 110: Cutting Processes	2	--	Fall
WLD 115: SMAW (Stick) Plate	5	--	Fall
WLD 121: GMAW (MIG) FCAW/Plate	4	--	Spring
WLD 131: GTAW (TIG) Plate	4	--	Fall
WLD 141: Symbols & Specifications	3	--	Fall
Total Credit Hours:	18		

Science, Technology, Engineering & Mathematics

The following CTE certificates are available to eligible high school **freshman, sophomores, juniors & seniors.**

Engineering and Print Reading Certificate			C40320PD
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
DFT 151: CAD I	3	--	Fall
DFT 152: CAD II	3	--	Spring
DFT 154: Intro to Solid Modeling	3	--	Fall
HYD 110: Hydraulics/ Pneumatics I	3	--	Spring
MEC 145: Manufacturing Materials I	3	--	Fall
BPR 115: Electrical/Fluid Power Diagram	2	--	Fall
Total Credit Hours:	17		

Engineering Technology Mechatronics Certificate			C40350PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
ELC 213: Instrumentation	4	--	Spring
MEC 130: Mechanisms	3	--	Spring
ELC 117: Motors and Controls	4	--	Spring
ELC 128: Introduction to PLC	3	--	Spring
HYD 110: Hydraulics/ Pneumatics I	3	--	Spring
Total Credit Hours:	17		

Introduction to Mechatronics Certificate				C40350PB
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T*
DFT 151: CAD I	3	--	Fall	--
ATR 112: Intro to Automation	3	--	Fall	--
ELC 213: Instrumentation	4	--	Spring	--
BUS 139: Entrepreneurship I	3	--	Fall	--
Total Credit Hours:	16			

*T: Transferable under the Comprehensive Articulation Agreement

Transportation and Automotive

The following pathway is available to eligible high school **freshman, sophomores, juniors and seniors.**

Automotive CTE Certificate			C60160PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
AUT 114: Safety and Emissions	2	--	Fall
AUT 116: Engine Repair	3	--	Spring
AUT 141: Suspension & Steering Systems	3	--	Fall
AUT 151: Brake Systems	3	--	Fall
TRN 180: Basic Welding for Transportation	3	--	Spring
TRN 110: Intro to Transportation Technology	2	--	Fall
TRN 140: Transportation Climate Control	2	--	Spring
Total Credit Hours:	18		

Only available evenings at CATA High School

Light Duty Diesel Repair CTE Certificate			C60160PC
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
AUT 181: Engine Performance 1	3	--	Fall
LDD 112: Intro Light-Duty Diesel	3	--	Spring
LDD 181: LDD Furl Systems	4	--	Spring
TRN 110: Intro to Transport Tech	2	--	Fall
TRN 120: Basic Transportation Electricity	5	--	Fall
Total Credit Hours:	17		

Only available evenings at CATA High School

Career and Technical Education Certificates (CTE)
11th and 12th Grade

The following CTE Certificates are available to eligible high school **juniors and seniors**.

Arts and Digital Media

The following CTE certificates are available to eligible high school **juniors and seniors.**

Enhanced Digital Media Technology Certificate			C25210PC
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
DME 110: Intro to Digital Media	3	--	Fall
DME 115: Graphic Design Tools	3	--	Fall
CTI 110: Web, Pgm and DB Foundation	3	--	Fall
DME 120: Intro to Multimedia Applications	3	--	Spring
DME 140: Intro to Audio/ Video Media	3	--	Spring
WEB 210: Web Design	3	--	Spring
Total Credit Hours:	18		

Business

The following CTE certificates are available to eligible high school **juniors and seniors.**

Enhanced Accounting Certificate			C25800PB	
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
ACC 120: Principles of Financial Accounting	4	--	Fall, Spring	T*
ACC 121: Principles of Managerial Accounting	4	ACC 120	Spring	T*
ACC 129: Individual Income Taxes	3	--	Spring	--
ACC 150: Accounting Software Applications	2	ACC 115 **or** ACC 120	Spring	--
ECO 252: Principles of Macroeconomics	3	--	Fall, Spring	UGETC**
Total Credit Hours:	16			

*T: Transferable under the Comprehensive Articulation Agreement
** UGETC: Universal General Education Transfer Component

Enhanced Business Administration Certificate			C25120PB	
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
BUS 110: Introduction to Business	3	--	Fall, Spring, Summer	T*
ACC 120: Principles of Financial Accounting	4	--	Fall, Spring	T*
ACC 121: Principles of Managerial Accounting	4	ACC 120	Spring	T*
ECO 252: Principles of Macroeconomics	3	--	Fall, Spring	UGETC**
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T*
Total Credit Hours:	15			

*T: Transferable under the Comprehensive Articulation Agreement
** UGETC: Universal General Education Transfer Component

Early Childhood Education

The following CTE certificates are available to eligible high school **juniors and seniors.**

Early Childhood Education CTE Certificate				C55220PA
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
EDU 119: Intro to Early Childhood Education	4	--	Fall	--
EDU 144: Child Development I	3	--	Fall	T*
EDU 145: Child Development II	3	--	Spring	T*
EDU 151: Creative Activities	3	--	Spring	--
Total Credit Hours:	13			

*T: Transferable under the Comprehensive Articulation Agreement

Early Childhood Education CTE Diploma				D55220PA
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
ENG 111: Writing & Inquiry	3	--	Fall, Spring Summer	UGETC**
COM 231: Public Speaking	3	--	Fall, Spring	UGETC**
EDU 119: Intro to Early Childhood Education	4	--	Fall	--
EDU 131: Child, Family and Community	3	--	Spring	T*
EDU 144: Child Development I	3	--	Fall	T*
EDU 145: Child Development II	3	--	Spring	T*
EDU 146: Child Guidance	3	--	Fall	--
EDU 151: Creative Activities	3	--	Spring	--
EDU 153: Health, Safety and Nutrition	3	--	Spring	--
EDU 221: Children with Exceptionalities	3	EDU 144 **and** EDU 145	Spring	T*
PSY 150: General Psychology	3	--	Fall, Spring Summer	UGETC**
SOC 210: Introduction to Sociology	3	--	Fall, Spring Summer	UGETC**
Total Credit Hours:	37			

*T: Transferable under the Comprehensive Articulation Agreement
** UGETC: Universal General Education Transfer Component

Enhanced Early Childhood Certificate			C55220PB	
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
EDU 119: Intro to Early Childhood Education	4	--	Fall	--
EDU 144: Child Development I	3	--	Fall	T*
EDU 145: Child Development II	3	--	Spring	T*
EDU 146: Child Guidance	3	--	Fall	T*
EDU 151: Creative Activities	3	--	Spring	--
EDU 188: Issues in Early Childhood	2	--	Spring	--
Total Credit Hours:	18			

*T: Transferable under the Comprehensive Articulation Agreement

Health Sciences and Nursing

Medical Assisting CTE Certificate			C45400PD
Course	Credits	Pre-Requisite	Semester Offered
MED 110: Orientation to Medical Assisting	1	--	Fall, Spring
MED 112: Orientation to Clinical Setting	2	--	Spring
MED 116: Introduction to A & P	4	--	Fall, Spring
MED 118: Medical Law and Ethics	2	--	Fall, Spring
MED 121: Medical Terminology I	3	--	Fall, Spring, Summer
MED 130: Admin Office Procedure I	2	--	Fall, Spring
MED 131: Admin Office Procedure II	2	MED 130	Fall, Spring
Total Credit Hours:	13		

The following CTE certificates are available to eligible high school **juniors and seniors**.

Medical Office Administration Certificate				C25310PA
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T*
MED 121: Medical Terminology I	3	--	Fall, Spring, Summer	--
MED 122: Medical Terminology II	3	MED 121	Fall, Spring, Summer	--
OST 148: Medical Coding, Billing & Insurance	3	--	Fall	--
Total Credit Hours:	12			

*T:Transferable under the Comprehensive Articulation Agreement

Medical Office Administration Patient Service Representative Certificate			C25310PB
Course	Credits	Pre-Requisite	Semester Offered
OST 148: Medical Coding, Billing & Insurance	3	--	Fall
OST 149: Medical Legal Issues	3	--	Spring
MED 121: Medical Terminology I	3	--	Fall, Spring, Summer
MED 122: Medical Terminology II	3	MED 121	Fall, Spring, Summer
OST 243: Medical Office Simulation	3	OST 148	Spring
Total Credit Hours:	15		

Nurse Aide CTE Certificate				C45840PA
Course	Credits	Pre-Requisite	Semester Offered	T/UGETC
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T**
NAS 101: Nurse Aide I*	6	*	Fall, Spring	--
NAS 102: Nurse Aide II	6	NAS 101	Fall, Spring	--
Total Credit Hours:	15			

Nurse Aide Basic CTE Certificate			C45840PB
Course	Credits	Pre-Requisite	Semester Offered
NAS 101: Nurse Aide I*	6	*	Fall, Spring
NAS 102: Nurse Aide II	6	NAS 101	Fall, Spring
Total Credit Hours:	12		

* NAS 101 Pre-requisites:
1. 16.5 years of age on or before the official start date of the course
2. Additional admissions criteria and costs will apply

** T: Transferable under the Comprehensive Articulation Agreement

Human Services

The following CTE certificate is available to eligible high school **juniors and seniors**.

Human Services Technology CTE Certificate			C45380PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
HSE 110: Introduction to Human Services	3	--	Fall
HSE 112: Group Process I	2	--	Fall
HSE 123: Interview Techniques	3	--	Spring
HSE 210: Human Services Issues	2	--	Spring
HSE 225: Crisis Intervention	3	--	Fall
Total Credit Hours:	13		

Public Safety

The following CTE certificates are available to eligible high school **juniors and seniors**.

Paralegal Technology			C25380PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
LEX 120: Legal Research and Writing	3	--	Fall
LEX 130: Civil Injuries	3	--	Spring
LEX 240: Family Law	3	--	Fall
LEX 250: Wills, Estates & Trusts	3	--	Spring
Total Credit Hours:	12		

Introduction to Cyber Crime Certificate			C55210PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
CCT 110: Introduction to Cyber Crime	3	--	Fall
CCT 112: Ethics & High Technology	3	--	Spring
CCT 121: Computer Crime Investigation	4	--	Spring
CCT 231: Technology Crimes & Law	3	--	Fall
SEC 110: Security Concepts	3	--	Spring
Total Credit Hours:	16		

Criminal Justice Technology Certificate			C55180PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
CJC 111: Intro to Criminal Justice	3	--	Fall, Spring
CJC 113: Juvenile Justice	3	--	Fall
CJC 131: Criminal Law	3	--	Fall
CJC 212: Ethics & Comm Relations	3	--	Spring
CJC 121: Law Enforcement Operations	3	--	Spring
Total Credit Hours:	15		

EMT Basic Certificate				C45340PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
EMS 110: EMT*	9	*	Fall	--
BIO 163: Basic Anatomy & Physiology	5	--	Fall, Spring	T**
Total Credit Hours:	14			

** T: Transferable under the Comprehensive Articulation Agreement

*EMS 110 Pre-Requisites
1. 17 years of age on or before the official end date of the course
2. Additional admissions criteria and costs will apply

Information Technology

The following CTE certificates are available to eligible high school **juniors and seniors**.

Information Systems CTE Certificate				C25590PA
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T*
CTS 120: Hardware/ Software Support	3	--	Spring	--
CTI 120: Network & Security Foundations	3	--	Fall	--
CTI 115: Computer Systems Foundation	3	--	Fall	--
Total Credit Hours:	12			

*T: Transferable under the Comprehensive Articulation Agreement

Systems Security CTE Certificate			C25590PD
Course	**Credits**	**Pre-Requisite**	**Semester Offered**
CCT 110: Intro to Cybercrime	3	--	Fall
CET 150: Computer Forensics I	3	--	Fall
CTI 120: Network & Security Foundations	3	--	Fall
CET 250: Computer Forensics II	3	--	Spring
Total Credit Hours:	12		

Game and Simulation Programming CTE Certificate				C25590PH
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
CIS 110: Introduction to Computers	3	--	Fall, Spring, Summer	T*
CSC 151: JAVA Programming	3	--	Spring	T*
CTI 110: Web, Prgm and DB Foundation	3	--	Fall	--
SGD 111: Introduction to SGD	3	--	Fall	--
SGD 112: SGD Design	3	--	Spring	--
Total Credit Hours:	15			

*T: Transferable under the Comprehensive Articulation Agreement

Programming Fundamentals CTE Certificate				C25590PI
Course	**Credits**	**Pre-Requisite**	**Semester Offered**	**T/UGETC**
CIS 115: Introduction to Programming & Logic	3	--	Fall, Spring	T*
CSC 151: JAVA Programming	3	--	Spring	T*
CTI 110: Web, Pgm and DB Foundation	3	--	Fall	--
CTI 115: Computer Systems Foundation	3	--	Fall	--
CSC 134: C++ Programming	3	--	Spring	T*
CSC 121: Python Programming	3	--	Spring	--
Total Credit Hours:	18			

*T: Transferable under the Comprehensive Articulation Agreement

Comprehensive List of
College Transfer Pathways and
Career & Technical Education Certificates/Diplomas

College Transfer Pathway Names & Codes	
Career and College Promise Pathways Leading to:	
Name	**Code**
Associate in Arts	P1012C
Associate in Science	P1042C
Associate in Fine Arts	P1062C
Associate in Engineering	P1052C
Associate Degree Nursing	P1032C
Associate in Arts in Teacher Preparation	P1012T
Associate in Science in Teacher Preparation	P1042T

Career and Technical Education Pathways Names & Codes

Arts and Digital Media	Name	Code
	Enhanced Digital Media CTE	C25210PC

Business	Name	Code
	Accounting CTE	C25800PA
	Enhanced Accounting CTE	C25800PB
	Business Administration CTE	C25120PA
	Enhanced Business Administration CTE	C25120PB

Construction	Name	Code
	Introduction to HVAC-R CTE	C35100PA
	Enhanced Electrical CTE	C35130PA

Early Childhood Education	Name	Code
	Early Childhood Education CTE	C55220PA
	Early Childhood Education Diploma CTE	D55220PA
	Enhanced Early Childhood CTE	C55220PB

Health Sciences and Nursing	Name	Code
	Medical Office Administration CTE	C25310PA
	General Medical Office Administration CTE	C25310PB
	Medical Assisting CTE	C45400PD
	Nurse Aide CTE	C45840PA
	Nurse Aide Basic CTE	C45840PB
Human Services	Name	Code
	Human Services Technology CTE	C45380PA
Information Technology	Name	Code
	Information Systems CTE	C25590PA
	Systems Security CTE	C25590PD
	Game and Simulation Programming CTE	C25590PH
	Programming Fundamentals CTE	C25590PI

Manufacturing	Name	Code
	Introduction to Industrial Systems CTE	C50240PA
	Industrial Systems Engineering – Pre-Apprenticeship CTE	C50240PC
	Introduction to Welding CTE	C50420PA

Public Safety	Name	Code
	Paralegal Technology CTE	C25380PA
	Introduction to Cyber Crime CTE	C55210PA
	EMT Basic CTE	C45340PA
	Criminal Justice Technology CTE	C55180PA

Science, Technology, Engineering & Mathematics	Name	Code
	Engineering and Print Reading CTE	C40320PD
	Engineering Technology Mechatronics CTE	C40350PA
	Introduction to Mechatronics CTE	C40350PB

Transportation and Automotive	Name	Code
	Automotive CTE	C60160PA
	Light Duty Diesel Repair CTE	C60160PC

Website Resources

Student Handbook

The student handbook will be your tool to help you be successful. It contains many valuable resources,guidelines, policies, and procedures that apply to you as a student at South Piedmont (For additional listing of policies and services, please refer to the SPCC College Catalog located on our website at www.spcc.edu.)

Located on www.spcc.edu under "Students" "Student Resources" "Student Handbook"

Transfer Resources - Comprehensive Articulation Agreement

The North Carolina Comprehensive Articulation Agreement (CAA) is a statewide agreement governing the transfer of credits between NC community colleges and NC public universities and has as its objective the smooth transfer of students. To explore the public universities that participate in the CAA,and the links to their four-year plans for NC community college students please visit the Transfer Student Resources website. Located on www.spcc.edu under "Students" "Academic Advising" "Transfer Student Resources"

Career Assessments

South Piedmont provides access to the career assessment tool Career Coach.

https://spcc.emsicc.com/?radius=&region=SPCC%20Region%20%28Anson%20and%20Union%20Counties%29

Credit Articulation

Credit articulation is intended for students who are interested in receiving curriculum credit fora currently valid industry certification. This could include certifications in Microsoft Office and others! For more information on credit articulation or to see if your industry certification could give you college credit, please visit the credit articulation website. Located on www.spcc.edu under "Students" "Student Resources" "Credit Articulation"

SPCC Orientation

Contact your Career Coach about SPCC Orientation!

NOTES

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SOUTH PIEDMONT COMMUNITY COLLEGE

L. L. POLK CAMPUS
Mail: PO Box 126, Polkton, NC 28135680 US 74, Polkton, NC 28135
704.272.5300 or 1.800.766.0319

OLD CHARLOTTE HIGHWAY CAMPUS
Mail: PO Box 5041, Monroe, NC 28111-5041
4209 Old Charlotte Hwy., Monroe, NC 28110704.290.5100 or 1.800.766.0319

TYSON FAMILY CENTER FOR TECHNOLOGY
Mail: PO Box 5041, Monroe, NC 28111-5041
3509 Old Charlotte Highway, Monroe, NC 28110704.290.5100 or 1.800.766.0319

LOCKHART-TAYLOR CENTER
514 N. Washington St., Wadesboro, NC 28170704.272.5400 or 1.800.766.0319