

NC CAREER & COLLEGE PROMISE

Program Guide

High School Students



**[https://spcc.edu/areas-of-study/
high-schools](https://spcc.edu/areas-of-study/high-schools)**

**High School Programs:
704.290.5090**

highschoolprograms@spcc.edu

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.



NC CAREER & COLLEGE PROMISE



SP SOUTH
PIEDMONT
COMMUNITY COLLEGE

Tuition-Free College Classes for High School Students

September 2019

Parents,

At South Piedmont Community College your sons and daughters can take college classes while they are still in high school. The N.C. Career & College Promise (CCP) program is a jumpstart for earning a college degree.

Tuition is free. (The N.C. General Assembly funds the program.)

High school juniors and seniors (from public high schools, private high schools and home schools) who meet GPA and other requirements are eligible to participate in the CCP program. Freshmen and sophomores may choose to take classes from the Career and Technical Education (CTE) pathways focusing on manufacturing, science, technology, engineering, mathematics, agriculture and transportation.

Imagine the day your child graduates from high school. Your child can be well on the way to earning an associate degree at South Piedmont Community College. This approach saves your family money and puts your child closer to finishing college.

Classes are offered at our college campuses in Monroe and Polkton and online. Some classes may be offered at your local high school. Classes are organized into pathways and align with the K-12 curriculum and Career and College Ready Standards adopted by the State Board of Education.

The South Piedmont Community College School of Arts and Sciences offers transfer pathways that provide structured sets of general education courses. Upon completion of the Associate in Arts College Transfer Pathway, Associate in Science College Transfer Pathway, or the Associate in Fine Arts Visual Arts College Pathway, students will be able to earn an Associate in Arts (AA) degree, Associate in Science (AS) degree or an Associate in Fines Arts (AFA) degree with less than 30 additional hours of study. The Associate Degree in Nursing and Associate in Engineering are new to our offerings and are designed for high school juniors and seniors who wish to begin their studies toward the Associate Degree in Nursing or the Associate in Engineering and Bachelors Degree in Engineering.

The South Piedmont Community College School of Applied Science and Technology offers CTE pathways within the following career clusters: Agriculture, Food and Natural Resources; Architecture & Construction; Arts, Audio/Video Technology & Communication; Business Management & Administration; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law, Public Safety, Corrections & Safety; Manufacturing; Science, Technology, Engineering & Mathematics; and Transportation, Distribution and Logistics. Upon completion, students earn a certificate and will have accumulated a substantial number of college credits toward an Associate in Applied Science (AAS) degree.

To get started, contact your child's guidance counselor. The counselor can provide information about your child's eligibility and coordinate the high school and college class schedules. Students may enroll concurrently in two CTE pathways. Students also have the option to enroll in one College Transfer Pathway and one Career and Technical Education pathway at the same time. The guidance counselor can help determine whether to select one pathway or two.

Students who remain at South Piedmont Community College to earn an associate degree enjoy the benefits of: low-cost tuition, individualized attention, and instruction from caring, highly qualified, and dedicated faculty. If you have questions about CCP at South Piedmont Community College, please contact High School Programs staff at 704.290.5090 or highschoolprograms@spcc.edu.

College Transfer Pathways

The College Transfer Pathways are designed for high school juniors and seniors who wish to take courses toward an associate or baccalaureate degree, earn valuable high school graduation credits, and experience the rigor and independence of college life.

The Associate in Arts College Transfer Pathway and the Associate in Science College Transfer Pathway provide structured sets of general education courses. Courses within these pathways are included in the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement (CAA).

High School Graduation and Elective Credit Opportunities

Students who enroll in and pass aligned 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 CTP path chosen. Not all opportunities are available in all pathways. Below are the graduation and elective courses available:

High School Course	College Transfer Pathway Course
American History I	HIS 131 American History I
American History II	HIS 132 American History 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
World History	HIS 111 World Civilizations I and HIS 112 World Civilizations II
Elective Credit	AST 111, AST 151, BIO 110, BIO 111, CHM 151, 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 215, PHI 240, PHY 110, PHY 151, PHY 152, PHY 251, PHY 252, POL 120, PSY 150, SOC 210

College Transfer Pathways

Advanced Placement (AP) Opportunities

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 allow students 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:

College Class Prerequisite / Non-course Equivalency Credit Options		
<u>AP Exams taken 03/02/17 and after</u>	<u>AP Score of 3</u>	<u>AP Score of 4 or 5</u>
Art History	ART 114	ART 114 and ART 115
Biology	BIO 111	BIO 111 and BIO 112
Calculus AB	MAT 171 or 172	MAT 271
Calculus BC	MAT 271	MAT 271 and MAT 272
Chemistry	CHM 151	CHM 151 and CHM 152
Computer Science Principles	CIS 110	CIS 110
English Language And Composition	ENG 111	ENG 111 and ENG 112
English Literature And Composition	ENG 231 or 232 or 241 or 242	Any two courses
Macroeconomics	ECO 252	ECO 252
Microeconomics	ECO 251	ECO 251
Physics 1	PHY 151	PHY 152
Physics C Electricity And Magnetism	PHY 252	PHY 252
Physics C Mechanics	PHY 251	PHY 251
Psychology	PSY 150	PSY 150
Spanish Language And Culture	SPA 111	SPA 111 and SPA 112
Statistics	MAT 152	MAT 152
United States Government And Politics	POL 120	POL 120
United States History	HIS 131	HIS 131
World History	HIS 111	HIS 111

Official documentation mailed directly to the Admissions Office at South Piedmont Community College from the College Board or reported within the official high school transcript is required to receive AP credit. The mailing address is as follows:

South Piedmont Community College
Attn: Admissions Office
P.O. Box 126
Polkton, NC 28135

College Transfer Pathways

Direct Placement into MAT 271 Calculus I Opportunities

Many students are ready to take advanced college math courses and can gain access through direct placement procedures. A student who has met at least one (1) of the following criteria within the past five (5) years can be enrolled directly into MAT 271 and not be required to show readiness by taking the college prerequisite courses of MAT 171 and MAT 172:

- 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 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.

Upon completion of the College Transfer Pathway students can complete the Associate in Arts or the Associate in Science degree with approximately one additional year of full-time study. Students may also wish to apply for admission and receive credit for general education courses at all North Carolina public universities or a participating independent college or university.

Students who take courses at South Piedmont Community College to earn an associate degree enjoy the benefits of low-cost tuition, individualized attention, and instruction from caring, highly qualified, and dedicated faculty.

College Transfer Pathways

ARTICULATION AGREEMENTS

ARTICULATION AGREEMENTS FOR COLLEGE TRANSFER

The N.C. Community College System (NCCCS) and the University of North Carolina (*a system of 16 public four-year universities*) abide by a Comprehensive Articulation Agreement (CAA) that governs course credit transfers. The NCCCS also has articulation agreements with the NC Independent Colleges and Universities (NCICU).

These agreements help to ensure that students who transfer from South Piedmont Community College to a four-year institution receive full credit for the classes.

With an Associate in Arts (AA) Degree or an Associate in Science (AS) Degree, students may transfer with junior status to any of the 16 UNC institutions and many of the affiliates of NCICU. Students are encouraged to consult with their academic advisor while at South Piedmont Community College and to research specific programs at their intended four-year school.

Comprehensive Articulation Agreement Schools

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

Independent Comprehensive Articulation Agreement Schools

Barton College
Belmont Abbey College
Bennett College for Women
Brevard College
Campbell University
Catawba College
Gardner-Webb University
Johnson C. Smith University
Livingstone College
Louisburg College
Mars Hill College
Montreat College
Mount Olive College
North Carolina Wesleyan College
Peace College
Pfeiffer University
Queens University of Charlotte
St. Andrews Presbyterian College
Saint Augustine's College
Salem College
Shaw University
Warren Wilson College
Wingate University

College Transfer Pathways

COLLEGE TRANSFER

ASSOCIATE IN ARTS College Transfer Pathway (P1012C)

The Associate in Arts Pathway is available to eligible high school juniors and seniors.

GENERAL EDUCATION

The following two English courses are required:

English Composition (6 SHC)

ENG 111 Writing & Inquiry (3 SHC)

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

Prerequisites

CCP qualifying scores

ENG 111

Academic Transition (1 SHC)

The following course is required:

ACA 122 College Transfer Success (1 SHC)

None

Communication or Humanities/Fine Arts (9 SHC)

Nine semester hours credit must come from Communication or Humanities/Fine Arts. Select three courses from the following from at least two different disciplines. It is recommended that students select COM 231 and then two classes from Humanities/Fine Arts.

Communication

COM 231 Public Speaking (3 SHC)

CCP qualifying scores

Humanities/Fine Arts

ART 111 Art Appreciation (3 SHC)

CCP qualifying scores

ART 114 Art History Survey I (3 SHC)

CCP qualifying scores

ART 115 Art History Survey II (3 SHC)

CCP qualifying scores

ENG 231 American Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 232 American Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 241 British Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 242 British Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

MUS 110 Music Appreciation (3 SHC)

CCP qualifying scores

MUS 112 Introduction to Jazz (3 SHC)

CCP qualifying scores

PHI 215 Philosophical Issues (3 SHC)

ENG 111

PHI 240 Introduction to Ethics (3 SHC)

ENG 111

Foreign Language (6 SHC)

Six semester hours credit are required in a Foreign Language. Select two courses from one of the following groups:

ASL 111 Elementary ASL I (3 SHC)

CCP qualifying scores / Language Placement Test

ASL 112 Elementary ASL II (3 SHC)

ASL 111

FRE 111 Elementary French I (3 SHC)

CCP qualifying scores / Language Placement Test

FRE 112 Elementary French II (3 SHC)

FRE 111

RUS 111 Elementary Russian I (3 SHC)

CCP qualifying scores / Language Placement Test

RUS 112 Elementary Russian II (3 SHC)

RUS 111

SPA 111 Elementary Spanish I (3 SHC)

CCP qualifying scores / Language Placement Test

SPA 112 Elementary Spanish II (3 SHC)

SPA 111

College Transfer Pathways

COLLEGE TRANSFER

Mathematics (3-4 SHC)

Three to four semester hours credit must come from Mathematics. Select one course from the following:

MAT 143 Quantitative Literacy (3 SHC)	CCP qualifying scores
MAT 152 Statistical Methods I (4 SHC)	CCP qualifying scores
MAT 171 Pre-calculus Algebra (4 SHC)	CCP qualifying scores

Natural Sciences (4 SHC)

Four semester hours credit must come from Natural Sciences. Select one 4 SHC offering from the following:

AST 111 Descriptive Astronomy (3 SHC) and AST 111A Descriptive Astronomy Lab (1 SHC)	CCP qualifying scores
AST 151 General Astronomy I (3 SHC) and AST 151A General Astronomy Lab (1 SHC)	CCP qualifying scores
BIO 110 Principles of Biology I (4 SHC)	CCP qualifying scores
BIO 111 General Biology I (4 SHC)	CCP qualifying scores
CHM 151 General Chemistry I (4 SHC)	CCP qualifying scores
PHY 110 Conceptual Physics (3 SHC) and PHY 110A Conceptual Physics Lab (1 SHC)	CCP qualifying scores

Social/Behavioral Sciences (9 SHC)

Nine semester hours credit must come from Social/Behavioral Sciences. Select three courses, minimum of two subjects, from the following:

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

Semester Credit Hours and Transferability

The Total Semester Hours Credit (SHC) in the Associate in Arts College Transfer Pathway Program is 38 or 39, depending on Math selection.

The general education requirement includes courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement. All of these courses are transferable.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Arts degree with the exception of mathematics courses beyond MAT 171.

College Transfer Pathways

ASSOCIATE DEGREE NURSING (ADN) PATHWAY (P1032C)

The ADN Pathway is available to eligible high school juniors and seniors.

GENERAL EDUCATION

The following two English courses are required:

English Composition (6 SHC)

ENG 111 Writing & Inquiry (3 SHC)

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

Prerequisites

CCP qualifying scores

ENG 111

Academic Transition (1 SHC)

The following course is required:

ACA 122 College Transfer Success (1 SHC)

None

Humanities/Fine Arts (3 SHC)

Three semester hours credit must come from Humanities/Fine Arts. Select one course from the following:

Humanities/Fine Arts

ART 111 Art Appreciation (3 SHC)

ART 114 Art History Survey I (3 SHC)

ART 115 Art History Survey II (3 SHC)

MUS 110 Music Appreciation (3 SHC)

MUS 112 Introduction to Jazz (3 SHC)

PHI 215 Philosophical Issues (3 SHC)

PHI 240 Introduction to Ethics (3 SHC)

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

ENG 111

ENG 111

Natural Sciences (8 SHC)

Select one sequence from the following:

BIO 168 Anatomy and Physiology I (4 SHC)

and BIO 169 Anatomy and Physiology II (4 SHC)

CCP qualifying scores

CCP qualifying scores

Social/Behavioral Sciences (6 SHC)

The following courses are required:

PSY 150 General Psychology (3 SHC)

PSY 241 Developmental Psychology (3 SHC)

CCP qualifying scores

PSY 150

Semester Credit Hours and Transferability

The Total Semester Hours Credit (SHC) in the Associate Degree Nursing (ADN) Transfer Pathway Program is 24.

The general education requirement includes courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement. All of these courses are transferable.

College Transfer Pathways

ASSOCIATE IN SCIENCE College Transfer Pathway (P1042C)

The Associate in Science Pathway is available to eligible high school juniors and seniors.

GENERAL EDUCATION

The following two English courses are required.

English Composition (6 SHC)

ENG 111 Writing & Inquiry (3 SHC)

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

Prerequisites

CCP qualifying scores

ENG 111

Academic Transition (1 SHC)

The following course is required.

ACA 122 College Transfer Success (1 SHC)

None

Communication or Humanities/Fine Arts (6 SHC)

Six semester hours credit must come from Communication or Humanities/Fine Arts. Select two courses from the following from at least two different disciplines. It is recommended that students select COM 231 and then one class from Humanities/Fine Arts.

Communication

COM 231 Public Speaking (3 SHC)

CCP qualifying scores

Humanities/Fine Arts

ART 111 Art Appreciation (3 SHC)

CCP qualifying scores

ART 114 Art History Survey I (3 SHC)

CCP qualifying scores

ART 115 Art History Survey II (3 SHC)

CCP qualifying scores

ENG 231 American Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 232 American Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 241 British Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 242 British Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

MUS 110 Music Appreciation (3 SHC)

CCP qualifying scores

MUS 112 Introduction to Jazz (3 SHC)

CCP qualifying scores

PHI 215 Philosophical Issues (3 SHC)

ENG 111

PHI 240 Introduction to Ethics (3 SHC)

ENG 111

Foreign Language (6 SHC)

Six semester hours credit are required in a Foreign Language. Select two courses from one of the following groups:

ASL 111 Elementary ASL I (3 SHC)

CCP qualifying scores / Language Placement Test

ASL 112 Elementary ASL II (3 SHC)

ASL 111

FRE 111 Elementary French I (3 SHC)

CCP qualifying scores / Language Placement Test

FRE 112 Elementary French II (3 SHC)

FRE 111

College Transfer Pathways

RUS 111 Elementary Russian I (3 SHC)
RUS 112 Elementary Russian II (3 SHC)

CCP qualifying scores / Language Placement Test
RUS 111

SPA 111 Elementary Spanish I (3 SHC)
SPA 112 Elementary Spanish II (3 SHC)

CCP qualifying scores / Language Placement Test
SPA 111

Mathematics (8 SHC)

Eight semester hours credit must come from Mathematics. Select two courses from the following:

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

CCP qualifying scores
CCP qualifying scores and Pre-requisite MAT 171
MAT 171
MAT 172
MAT 271

Natural Sciences (8 SHC)

Eight semester hours credit must come from Natural Sciences. Select two 4 SHC from the following:

AST 151 General Astronomy I (3 SHC)
and AST 151A General Astronomy Lab (1 SHC)
BIO 110 Principles of Biology (4 SHC)
BIO 111 General Biology I (4 SHC)
and BIO 112 General Biology II (4 SHC)
CHM 151 General Chemistry I (4 SHC)
and CHM 152 General Chemistry II (4 SHC)
GEL 111 Introductory Geology (4 SHC)
PHY 110 Conceptual Physics (3 SHC)
and PHY 110A Conceptual Physics Lab (1 SHC)
PHY 151 College Physics I (4 SHC)
and PHY 152 College Physics II (4 SHC)
PHY 251 General Physics I (4 SHC)
and PHY 252 General Physics II (4 SHC)

CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
BIO 111
CCP qualifying scores
CHM 151
CCP qualifying scores
CCP qualifying scores
MAT 171
PHY 151
MAT 271 Pre-Req. and MAT 272 Co-Req.
MAT 272 and PHY 251

Social/Behavioral Sciences (6 SHC)

Six semester hours credit must come from Social/Behavioral Sciences. Select two courses, minimum of two subjects, from the following:

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

CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores
CCP qualifying scores

Semester Credit Hours and Transferability

The Total Semester Hours Credit (SHC) in the Associate in Science College Transfer Pathway Program is 41. The general education requirement includes courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement. All of these courses are transferable.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Science degree program with the exception of mathematics courses beyond MAT 271.

College Transfer Pathways

ASSOCIATE IN ENGINEERING College Transfer Pathway (P1052C)

GENERAL EDUCATION

The following two English courses are required.

English Composition (6 SHC)

ENG 111 Writing & Inquiry (3 SHC)

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

Prerequisites

CCP qualifying scores

ENG 111

Academic Transition (1 SHC)

The following course is required.

ACA 122 College Transfer Success (1 SHC)

None

Communication or Humanities/Fine Arts (3 SHC)

Three semester hours credit must come from Communication or Humanities/Fine Arts. Select one courses from the following:

Communication

COM 231 Public Speaking (3 SHC)

CCP qualifying scores

Humanities/Fine Arts

ENG 231 American Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 232 American Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 241 British Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 242 British Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

PHI 215 Philosophical Issues (3 SHC)

ENG 111

PHI 240 Introduction to Ethics (3 SHC)

ENG 111

Mathematics (8 SHC)

Eight semester hours credit must come from Mathematics. Select two courses from the following:

MAT 271 Calculus I (4 SHC)

MAT 172

MAT 272 Calculus II (4 SHC)

MAT 271

Engineering (5 SHC)

Five Semester Hours Credit from:

EGR 150 Intro to Engineering (2 SHC)

CCP qualifying scores

DFT 170 Engineering Graphics (3 SHC)

CCP qualifying scores

Natural Sciences (8 SHC)

Eight semester hours credit must come from Natural Sciences. Select two 4 SHC from the following:

CHM 151 General Chemistry I (4 SHC)

CCP qualifying scores

PHY 251 General Physics I (4 SHC)

MAT 271 Pre-Req. and MAT 272 Co-Req.

PHY 252 General Physics II (4 SHC)

MAT 272 and PHY 251

Social/Behavioral Sciences (3 SHC)

Three semester hours credit must come from Social/Behavioral Sciences. Select from the following:

ECO 251 Principles of Microeconomics (3 SHC)

CCP qualifying scores

Students who don't meet the direct placement policy for MAT 271 will enroll in the pre-requisite courses MAT 171 and MAT 172

Semester Credit Hours and Transferability

The Total Semester Hours Credit (SHC) in the Associate in Engineering College Transfer Pathway Program is 34. The general education requirement includes courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement. All of these courses are transferable.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Engineering degree program with the exception of mathematics courses beyond MAT 272.

College Transfer Pathways

COLLEGE TRANSFER

ASSOCIATE IN FINE ARTS IN VISUAL ARTS College Transfer Pathway (P1062C)

The Associate in Fine Arts in Visual Arts Pathway is available to eligible high school juniors and seniors.

GENERAL EDUCATION

The following two English courses are required.

English Composition (6 SHC)

ENG 111 Writing & Inquiry (3 SHC)

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

Prerequisites

CCP qualifying scores

ENG 111

Academic Transition (1 SHC)

The following course is required.

ACA 122 College Transfer Success (1 SHC)

None

Communication or Humanities/Fine Arts (6 SHC)

Six semester hours credit must come from Communication or Humanities/Fine Arts. Select two courses from the following from at least two different disciplines. It is recommended that students select COM 231 and then one class from Humanities/Fine Arts.

Communication

COM 231 Public Speaking (3 SHC)

CCP qualifying scores

Humanities/Fine Arts

ART 111 Art Appreciation (3 SHC)

CCP qualifying scores

ENG 231 American Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 232 American Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 241 British Literature I (3 SHC)

ENG 112, ENG 113 or ENG 114

ENG 242 British Literature II (3 SHC)

ENG 112, ENG 113 or ENG 114

MUS 110 Music Appreciation (3 SHC)

CCP qualifying scores

MUS 112 Introduction to Jazz (3 SHC)

CCP qualifying scores

PHI 215 Philosophical Issues (3 SHC)

ENG 111

PHI 240 Introduction to Ethics (3 SHC)

ENG 111

Foreign Language (6 SHC)

Six semester hours credit are required in a Foreign Language. Select two courses from one of the following groups:

ASL 111 Elementary ASL I (3 SHC)

CCP qualifying scores / Language Placement Test

ASL 112 Elementary ASL II (3 SHC)

ASL 111

FRE 111 Elementary French I (3 SHC)

CCP qualifying scores / Language Placement Test

FRE 112 Elementary French II (3 SHC)

FRE 111

RUS 111 Elementary Russian I (3 SHC)

CCP qualifying scores / Language Placement Test

RUS 112 Elementary Russian II (3 SHC)

RUS 111

SPA 111 Elementary Spanish I (3 SHC)

CCP qualifying scores / Language Placement Test

SPA 112 Elementary Spanish II (3 SHC)

SPA 111

College Transfer Pathways

Mathematics (3-4 SHC)

Three to Four semester hours credit must come from Mathematics. Select one course from the following:

MAT 143 Quantitative Literacy (3 SHC)	CCP qualifying scores
MAT 152 Statistical Methods I (4 SHC)	CCP qualifying scores
MAT 171 Pre-calculus Algebra (4 SHC)	CCP qualifying scores
MAT 271 Calculus I (4 SHC)	MAT 172
MAT 272 Calculus II (4 SHC)	MAT 271

Natural Sciences (4 SHC)

Four semester hours credit must come from Natural Sciences. Select one 4 SHC offering from the following:

AST 111 Descriptive Astronomy (3 SHC)	CCP qualifying scores
and AST 111A Descriptive Astronomy Lab (1 SHC)	
AST 151 General Astronomy I (3 SHC)	CCP qualifying scores
and AST 151A General Astronomy Lab (1 SHC)	
BIO 110 Principles of Biology I (4 SHC)	CCP qualifying scores
BIO 111 General Biology I (4 SHC)	CCP qualifying scores
CHM151 General Chemistry I (4 SHC)	CCP qualifying scores
GEL 111 Introduction to Geology (4 SHC)	CCP qualifying scores
PHY 110 Conceptual Physics (3 SHC)	CCP qualifying scores
and PHY 110A Conceptual Physics Lab (1 SHC)	

Social/Behavioral Sciences (6 SHC)

Six semester hours credit must come from Social/Behavioral Sciences. Select two courses, minimum of two subjects, from the following:

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

Art (6 SHC)

The following two courses are required.

ART 121 Design I (3 SHC)	None
ART 131 Drawing I (3 SHC)	None

Semester Credit Hours and Transferability

The Total Semester Hours Credit (SHC) in the Associate in Fine Arts in Visual Arts College Transfer Pathway Program are 32 to 41. The general education requirement includes courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement. All of these courses are transferable.

High school students in this College Transfer Pathway must complete the entire pathway before taking additional courses in the Associate in Fine Arts in Visual Arts Degree with the exception of mathematics courses beyond MAT 271.

Career Technical Education Pathways

TECHNICAL EDUCATION

For the N.C. Career & College Promise (CCP) program, the South Piedmont Community College School of Applied Science and Technology offers pathways in twelve career clusters. The clusters are: Agriculture, Food and Natural Resources; Architecture & Construction; Business Management & Administration; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law, Public Safety, Corrections & Safety; Manufacturing; Science, Technology, Engineering & Mathematics; and Transportation, Distribution and Logistics.

There are 43 CTE pathways. A curriculum certificate is awarded for 42 of the CTE Pathways. Students can earn a curriculum diploma in the Early Childhood Education pathway in the Human Services career cluster.

Upon completion of a CTE Pathway, students will have earned substantial credit toward an Associate in Applied Science (AAS) degree. The AAS program, which includes courses as well as workbased opportunities, prepares people for entry-level jobs.

All courses identified for CCP CTE Pathways are college-credit, but not all courses are transferrable. To assist students who plan to go on to a four-year university, the courses that transfer under the Comprehensive Articulation Agreement between the N.C. Community College System and the University of North Carolina system are marked with **(T)**. Through bilateral agreements with several four-year colleges and universities many courses taken as part of an AAS program may be accepted for transfer credit. Students are encouraged to consult with their academic advisor while at South Piedmont Community College.

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 CTE classes, 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 student can 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. Articulated courses that match with courses within current CTE Pathways are marked with **(HS)** and are as follows:

High School Program Area	High School Course Number & Title	Articulated College Course Number & Title	Career and College Promise CTE Pathway
Agricultural Education	AS32 Agricultural Mechanics II	WLD-112 Basic Welding Processes	C50240PA Intro to Industrial Systems Certificate
Agricultural Education	AA22 Animal Science II	ANS-110 Animal Science	C15100PA Basic Agribusiness or C15100PB Intro to Agribusiness
Business and Information Technology Education	BN20 Network Administration I	CTE-120 Network and Security Foundations OR NOS-110 Operating Sys. Concepts OR SEC-110 Security Concepts	C25590PA Information Systems CTE Certificate C25590PD Systems Security CTE Certificate C25590PE Enhanced Security CTE Certificate
Family and Consumer Science Education	FE11 Early Childhood Education I AND FE12 Early Childhood Education II	EDU-119 Intro to Early Childhood Education	C55220PA Early Childhood Education or C55220PB Enhanced Early Childhood or D55220PA Early Childhood Education CTE Diploma
Family and Consumer Science Education	FN42 Foods II - Enterprise AND ____ ServSafe Certification	CUL-110 Sanitation & Safety	C55150PA Culinary Arts I CTE Certificate

High School Program Area	High School Course Number & Title	Articulated College Course Number & Title	Career and College Promise CTE Pathway
Family and Consumer Science Education – Local Credential Articulation	— ServSafe Certification	CUL-110 Sanitation & Safety (Use Credential to Apply for Credit)	C55150PA Culinary Arts I CTE Certificate
Health Science Education	HU40 Health Science I	MED-121 Medical Terminology I AND MED-122 Medical Terminology II	C45400PA Medical Assisting I CTE or C45400PB Medical Assisting II CTE or C45400PC Medical Assisting III CTE or C25310PA Medical Office Administration CTE Certificate or C25310PB General Medical Office Administration CTE Certificate or C45340PA EMT Basic CTE Certificate
Health Science Education	HN43 Nursing Fundamentals	NAS-101 Nursing Assistant I	C45840PA Nurse Aide CTE Certificate C45840PB Nurse Aide Basic CTE Certificate
Marketing Education	MM51 Marketing	MKT-120 Principles of Marketing	C25120PB Enhanced Business Administration Pathway Certificate

High School Program Area	High School Course Number & Title	Articulated College Course Number & Title	Career and College Promise CTE Pathway
Trade and Industrial Education – Local Articulation	IK 25 (Prior to July 2017) Introduction to Refrigeration	AHR-110 Introduction to Refrigeration	C35100PA Introduction to HVAC-R Certificate C35100PB Basic HVAC-R Certificate
Trade and Industrial Education – Local Articulation	IK24 (Prior to July 2017) HVAR Electricity	AHR-111 HVACR Electricity	C35100PA Introduction to HVAC-R Certificate C35100PB Basic HVAC-R Certificate
Trade and Industrial Education	II21 Computer Engineering Technology I	CTS-120 Hardware/Software Support	C25590PA Information Systems CTE Certificate
Trade and Industrial Education	IC61 Drafting I AND IV22 Drafting II - Engineering	DFT-151 CAD I	C35130PA Enhanced Electrical Pathway or C40320PB Mechanical Engineering Pathway or C40320PC CAD and Engineering Materials or C40320PD Engineering and Print Reading or C40350PB Introduction to Mechatronics

High School Program Area	High School Course Number & Title	Articulated College Course Number & Title	Career and College Promise CTE Pathway
Trade and Industrial Education	IM41 Metals Manufacturing Technology I AND IM42 Metals Manufacturing Technology II	MAC-111 Machining Technology I	C50240PA Introduction to Industrial Systems Certificate
Trade and Industrial Education	IM41 Metals Manufacturing Technology I AND IM42 Metals Manufacturing Technology II	MAC-151 Machining Calculations	C50240PA Introduction to Industrial Systems Certificate C50240PB Engineering Technology Industrial Systems Certificate
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)	C50420PA Intro to Welding Certificate or C50420PB Basic Welding Certificate C50420PA Intro to Welding Certificate or C50420PB Basic Welding Certificate

Students who achieve a final grade of B or higher and achieve a raw score of 93 on the standardized CTE post-assessment test can apply for college course credit by submitting a current official High School transcript and a transcript evaluation request form. Forms are available on our college website.

Career Technical Education Pathways

TECHNICAL EDUCATION

AGRICULTURE, FOOD, AND NATURAL RESOURCES

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C15100PA - INTRODUCTION TO AGRIBUSINESS CERTIFICATE

	Credits	Prerequisites
AGR 139 Intro to Sustainable Agriculture	3	None
AGR 140 Agricultural Chemicals	3	None
AGR 170 Soil Science	3	None
ANS 110 Animal Science (HS)	3	None
BUS 110 Introduction to Business (T)	3	None
BUS 137 Principles of Management (T)	3	None

Total Credits **18**

C15100PB - BASIC AGRIBUSINESS CERTIFICATE

	Credits	Prerequisites
AGR 170 Soil Science	3	None
AGR 140 Agricultural Chemicals	3	None
AGR 212 Farm Business Management	3	None
ANS 110 Animal Science (HS)	3	None

Total Credits **12**

ARCHITECTURE & CONSTRUCTION

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C35100PA - INTRODUCTION TO HVAC-R CERTIFICATE

	Credits	Prerequisites
AHR 110 Introduction to Refrigeration (HS)	5	None
AHR 111 HVACR Electricity (HS)	3	None
AHR 112 Heating Technology	4	None
AHR 113 ComfortCooling	4	None
AHR 151 HVAC Duct System I	2	AHR 112 or AHR 113

Total Credits **18**

C35100PB - BASIC HVAC-R CERTIFICATE

	Credits	Prerequisites
AHR 110 Intro to Refrigeration (HS)	5	None
AHR 111HVACR Electricity (HS)	3	None
AHR 112 Heating Technology	4	None
AHR 113 Comfort Cooling	4	None

Total Credits **16**

C35130PA - ENHANCED ELECTRICAL PATHWAY CERTIFICATE

	Credits	Prerequisites
DFT 151 CAD I (HS)	3	None
ELC 131 Circuit Analysis I	4	None
ELC 131A Circuit Analysis I LAB	1	None
ELC 117 Motors and Controls	4	None
ELC 128 Intro to PLC	3	None
HYD 110 Hydraulics/Pneumatics	3	None

Total Credits **18**

Career Technical Education Pathways

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

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

C25210PA - DIGITAL MEDIA TECHNOLOGY BASIC CTE CERTIFICATE	Credits	Prerequisites
DME 110 Intro to Digital Media	3	None
DME 115 Graphic Design Tools	3	None
DME 120 Intro to Multimedia App 1	3	None
DME 130 Digital Animation 1	3	DME 110
Total Credits	12	

C25210PC - DIGITAL MEDIA TECHNOLOGY ENHANCED CTE CERTIFICATE	Credits	Prerequisites
DME 110 Intro to Digital Media	3	None
DME 115 Graphic Design Tools	3	None
DME 120 Intro to Multimedia App 1	3	None
CTI 110 Web, Pgm, & Db Foundation	3	None
DME 140 Intro to Audio/Video Media	3	None
WEB 210 Web Design	3	None
Total Credits	18	

BUSINESS MANAGEMENT & ADMINISTRATION

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C25800PA - ACCOUNTING CTE CERTIFICATE	Credits	Prerequisites
ACC 120 Principles of Financial Accounting (T)	4	None
ACC 121 Principles of Managerial Accounting (T)	4	ACC 120
ACC 129 Individual Income Taxes	3	None
BUS 115 Business Law I (T)	3	None
Total Credits	14	

C25800PB - ENHANCED ACCOUNTING PATHWAY CERTIFICATE	Credits	Prerequisites
ACC 120 Principles of Financial Accounting (T)	4	None
ACC 121 Principles of Managerial Accounting (T)	4	ACC 120
ACC 129 Individual Income Taxes	3	None
ACC 150 Accounting Software Applications	2	ACC 120
ECO 252 Principles of Macroeconomics (T-UGETC)	3	None
Total Credits	16	

C25120PA - BUSINESS ADMINISTRATION CTE CERTIFICATE	Credits	Prerequisites
ACC 120 Principle of Financial Accounting (T)	4	None
BUS 115 Business Law I (T)	3	None
BUS 137 Principles of Management (T)	3	None
BUS 139 Entrepreneurship I	3	None
Total Credits	13	

C25120PB - ENHANCED BUSINESS ADMINISTRATION PATHWAY CERT.	Credits	Prerequisites
BUS 110 Introduction to Business (T)	3	None
BUS 115 Business Law I (T)	3	None
BUS 137 Principles of Management (T)	3	None
ECO 252 Principles of Macroeconomics (T-UGETC)	3	None
MKT 120 Principles of Marketing (HS)	3	None
Total Credits	15	

Career Technical Education Pathways

HEALTH SCIENCE

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

C25310PA - MEDICAL OFFICE ADMINISTRATION CTE CERTIFICATE	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
MED 121 Medical Terminology I (HS)	3	CCP qualifying scores
MED 122 Medical Terminology II (HS)	3	MED 121
OST 148 Medical Coding, Billing & Insurance	3	None
Total Credits	12	

C25310PB - GENERAL MEDICAL OFFICE ADMINISTRATION CTE	Credits	Prerequisites
MED 121 Medical Terminology I (HS)	3	CCP qualifying scores
MED 122 Medical Terminology II (HS)	3	MED 121
OST 148 Medical Coding, Billing & Insurance	3	None
OST 149 Medical Legal Issues	3	None
OST 243 Medical Office Simulation	3	OST 148
Total Credits	15	

C45400PA - MEDICAL ASSISTING I CTE CERTIFICATE	Credits	Prerequisites
MED 110 Orientation to Med Assisting	1	CCP qualifying scores
MED 118 Medical Law and Ethics	2	CCP qualifying scores
MED 121 Medical Terminology I (HS)	3	CCP qualifying scores
MED 122 Medical Terminology II (HS)	3	MED 121
MED 130 Admin Office Procedure I	2	CCP qualifying scores
MED 131 Admin Office Procedure II	2	MED 130
Total Credits	13	

C45400PB - MEDICAL ASSISTING II CTE CERTIFICATE	Credits	Prerequisites
BIO 163 Basic Anatomy & Physiology (T)	5	CCP qualifying scores
MED 110 Orientation to Med Assisting	1	CCP qualifying scores
MED 118 Medical Law and Ethics	2	CCP qualifying scores
MED 121 Medical Terminology I (HS)	3	CCP qualifying scores
MED 122 Medical Terminology II (HS)	3	MED 121
MED 130 Admin Office Procedure I	2	CCP qualifying scores
MED 131 Admin Office Procedure II	2	MED 130
Total Credits	18	

C45400PC - MEDICAL ASSISTING III CTE CERTIFICATE	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
MED 110 Orientation to Med Assisting	1	CCP qualifying scores
MED 118 Medical Law and Ethics	2	CCP qualifying scores
MED 121 Medical Terminology I (HS)	3	CCP qualifying scores
MED 122 Medical Terminology II (HS)	3	MED 121
MED 130 Admin Office Procedure I	2	CCP qualifying scores
MED 131 Admin Office Procedure II	2	MED 130
Total Credits	16	

Career Technical Education Pathways

TECHNICAL EDUCATION

C45840PA - NURSE AIDE CTE CERTIFICATE*

C I S 110 Intro to Computers (T)

NAS 101 Nurse Aide I (*Only available at selected sites*) (HS)

NAS 102 Nurse Aide II (*Only available at selected sites*)

Total Credits

Credits

3

6

6

15

Prerequisites

None

Prior Admission/Age 16 ½

NAS 101

C45840PB - NURSE AIDE BASIC CTE CERTIFICATE

NAS 101 Nurse Aide I (*Only available at selected sites.*) (HS)

NAS 102 Nurse Aide II (*Only available at selected sites*)

Total Credits

Credits

6

6

12

Prerequisites

Prior Admission/Age 16 ½

NAS 101

HOSPITALITY & TOURISM

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

C55150PA - CULINARY ARTS I CTE CERTIFICATE

(Only available evenings at Porter Ridge High School)

CUL 110 Sanitation & Safety (HS) or Servsafe Certification

CUL 140 Culinary Skills I

CUL 160 Baking I

CUL 240 Culinary Skills II

Total Credits

Credits

2

5

3

5

15

Prerequisites

None

None

Corequisite CUL 110

CUL 110 and CUL 140

HUMAN SERVICES

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

C45380PA - HUMAN SERVICES TECHNOLOGY CTE CERTIFICATE

HSE 110 Introduction to Human Services

HSE 112 Group Process I

HSE 123 Interview Techniques

HSE 210 Human Services Issues

HSE 225 Crisis Intervention

Total Credits

Credits

3

2

3

2

3

13

Prerequisites

None

None

None

None

None

C55220PA - EARLY CHILDHOOD EDUCATION CTE CERTIFICATE

EDU 119 Intro Early Childhood Education (HS)

EDU 144 Child Development I

EDU 145 Child Development II

EDU 151 Creative Activities

Total Credits

Credits

4

3

3

3

13

Prerequisites

None

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

C55220PB - ENHANCED EARLY CHILDHOOD PATHWAY CERTIFICATE

EDU 119 Introduction to Early Childhood Ed (HS)

EDU 144 Child Development I

EDU 145 Child Development II

EDU 146 Child Guidance

EDU 151 Creative Activities

EDU 188 Issues in Early Childhood Education

Total Credits

Credits

4

3

3

3

3

2

18

Prerequisites

None

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

CCP qualifying scores

Career Technical Education Pathways

TECHNICAL EDUCATION

D55220PA - EARLY CHILDHOOD EDUCATION CTE DIPLOMA

	Credits	Prerequisites
COM 231 Public Speaking (T-UGETC)	3	CCP qualifying scores
EDU 119 Introduction to Early Childhood Ed (HS)	4	None
EDU 131 Child, Family, and Community	3	CCP qualifying scores
EDU 144 Child Development I	3	CCP qualifying scores
EDU 145 Child Development II	3	CCP qualifying scores
EDU 146 Child Guidance	3	CCP qualifying scores
EDU 151 Creative Activities	3	CCP qualifying scores
EDU 153 Health, Safety, and Nutrition	3	CCP qualifying scores
EDU 221 Children with Exceptionalities	3	CCP qualifying scores
ENG 111 Writing & Inquiry (T-UGETC)	3	CCP qualifying scores
PSY 150 General Psychology (T-UGETC)	3	CCP qualifying scores
SOC 210 Introduction to Sociology (T-UGETC)	3	CCP qualifying scores
Total Credits	37	

INFORMATION TECHNOLOGY

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

C25590PA - INFORMATION SYSTEMS CTE CERTIFICATE

	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
CTS 120 Hardware/Software Support (HS)	3	None
CTI 120 Network & Sec Foundation (HS)	3	None
NOS 110 Operating Systems Concepts (HS)	3	None
Total Credits	12	

C25590PD - SYSTEMS SECURITY CTE CERTIFICATE

	Credits	Prerequisites
CCT 110 Intro to Cyber Crime	3	None
CIS 110 Intro to Computers (T)	3	None
CTI 120 Network & Sec Foundation (HS)	3	None
SEC 110 Security Concepts (HS)	3	None
Total Credits	12	

C25590PE - ENHANCED SYSTEMS SECURITY CTE CERTIFICATE

	Credits	Prerequisites
CCT 110 Intro to Cyber Crime	3	None
CET 150 Computer Forensics I	3	None
CET 250 Computer Forensics II	3	None
CIS 110 Intro to Computers (T)	3	None
CTI 120 Network & Sec Foundation (HS)	3	None
SEC 110 Security Concepts (HS)	3	None
Total Credits	18	

C25590PF - WEB ADMINISTRATION AND DESIGN CTE CERTIFICATE

	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
CTI 110 Web, Pgm, & DB Foundation	3	None
DBA 120 Database Programming I	3	None
WEB 210 Web Design	3	None
Total Credits	12	

Career Technical Education Pathways

INFORMATION TECHNOLOGY *Continued*

C25590PG - ENHANCED WEB ADMINISTRATION & DESIGN CTE CERTIFICATE

	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
CTI 110 Web, Pgm, & DB Foundation	3	None
DBA 120 Database Programming I	3	None
DME 110 Intro To Digital Media	3	None
DME 120 Intro To Multi Media	3	DME 110
WEB 210 Web Design	3	None
Total Credits	18	

C25590PH - GAME AND SIMULATION PROGRAMMING CTE CERTIFICATE

	Credits	Prerequisites
CIS 110 Intro to Computers (T)	3	None
CSC 151 JAVA Programming (T)	3	None
CTI 110 Web, Pgm, & DB Foundation	3	None
SGD 111 Introduction to SGD	3	None
SGD 112 SGD Design	3	None
Total Credits	15	

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

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

C25380PA - PARALEGAL TECHNOLOGY

	Credits	Prerequisites
LEX 150 Commercial Law I	3	None
LEX 210 Real Property I	3	None
LEX 240 Family Law	3	None
LEX 250 Wills, Estates, & Trusts	3	None
Total Credits	12	

C45340PA - EMT BASIC CTE CERTIFICATE

	Credits	Prerequisites
EMS 110 EMT (Only available at SPCC)	9	Prior Admission/Age 17
BIO 163 Basic Anatomy & Physiology (T)	5	CCP qualifying scores
Total Credits	14	

C55180PA - CRIMINAL JUSTICE TECH CTE CERTIFICATE

	Credits	Prerequisites
CJC 111 Introduction to Criminal Justice (T)	3	None
CJC 113 Juvenile Justice	3	None
CJC 131 Criminal Law	3	None
CJC 221 Investigative Principles	4	None
Total Credits	13	

C55180PB - BASIC CYBER CRIMINOLOGY CERTIFICATE

	Credits	Prerequisites
CET 150 Computer Forensics I	3	None
CET 250 Computer Forensics II	3	None
CJC 111 Introduction to Criminal Justice (T)	3	None
CJC 112 Criminology	3	None
CJC 131 Criminal Law	3	None
CJC 212 Ethics & Community Relations	3	None
Total Credits	18	

Career Technical Education Pathways

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY *Continued*

C55180PC - CJC LAW ENFORCEMENT PREPARATION CTE CERTIFICATE	Credits	Prerequisites
CJC 111 Introduction to Criminal Justice (T)	3	None
CJC 112 Criminology	3	None
CJC 113 Juvenile Justice	3	None
CJC 121 Law Enforcement Operations (T)	3	None
CJC 212 Ethics and Community Relations	3	None
Total Credits	15	

C55210PA - INTRODUCTION TO CYBER CRIME CERTIFICATE	Credits	Prerequisites
CCT 110 Intro to Cyber Crime	3	None
CCT 112 Ethics & High Technology	3	None
CCT 121 Computer Crime Investigation	4	None
CCT 231 Technology Crimes & Law	3	None
SEC 110 Security Concepts	3	None
Total Credits	16	

MANUFACTURING

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C50240PA - INTRODUCTION TO INDUSTRIAL SYSTEMS CERTIFICATE	Credits	Prerequisites
BPR 115 ELC/Fluid Power Diagram	2	None
MAC 111 Machining Technology I (HS)	6	None
MAC 114 Intro to Metrology	2	None
MAC 151 Machining Calculations (HS)	2	None
HYD 110 Hydraulics/Pneumatics I	3	None
WLD 112 Basic Welding Processes (HS)	2	None
Total Credits	17	

C50240PB - ENGINEERING TECHNOLOGY INDUSTRIAL SYSTEMS CERT.	Credits	Prerequisites
BPR 115 ELC/Fluid Power Diagram	2	None
ELC 131 Circuit Analysis I	4	None
ELC 131A Circuit Analysis I Lab	1	None
HYD 110 Hydraulics/Pneumatics I	3	None
ISC 112 Industrial Safety	2	None
MAC 114 Intro to Metrology	2	None
MAC 151 Machining Calculations (HS)	2	None
MNT 110 Intro to Maintenance Procedures	2	None
Total Credits	18	

C50240PC - INDUSTRIAL SYSTEMS PRE-APPRENTICESHIP CTE	Credits	Prerequisites
BPR 115 ELC/Fluid Power Diagram	2	None
ELC 131 Circuit Analysis I	4	None
ELC 131A Circuit Analysis I Lab	1	None
ELC 128 Introduction to PLC	3	None
HYD 110 Hydraulics/Pneumatics I	3	None
ISC 112 Industrial Safety	2	None
WBL 110 World of Work	1	None
WLD 112 Basic Welding Processes	2	None
Total Credits	18	

Career Technical Education Pathways

MANUFACTURING *Continued*

C50420PA - INTRO TO WELDING CERTIFICATE

	Credits	Prerequisites
WLD 110 Cutting Processes (HS)	2	None
WLD 115 SMAW (Stick) Plate (HS)	5	None
WLD 121 GMAW (MIG) FCAW/Plate (HS)	4	None
WLD 131 GTAW (TIG) Plate	4	None
WLD 141 Symbols & Specifications	3	None
Total Credits	18	

C50420PB - BASIC WELDING CERTIFICATE

	Credits	Prerequisites
WLD 110 Cutting Processes (HS)	2	None
WLD 115 SMAW (Stick) Plate (HS)	5	None
WLD 121 GMAW (MIG) FCAW/Plate (HS)	4	None
WLD 141 Symbols & Specifications	3	None
Total Credits	14	

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C40320PC - CAD AND ENGINEERING MATERIALS CERTIFICATE

	Credits	Prerequisites
DFT 151 CAD I (HS)	3	None
DFT 152 CAD II	3	None
DFT 154 Intro Solid Modeling	3	None
HYD 110 Hydraulics/Pneumatics I	3	None
MEC 145 Manufacturing Materials I	3	None
Total Credits	15	

C40320PD - ENGINEERING AND PRINT READING CTE CERTIFICATE*

	Credits	Prerequisites
BPR 115 ELC/Fluid Power Diagram	2	None
DFT 151 CAD I (HS)	3	None
DFT 152 CAD II	3	None
DFT 154 Intro Solid Modeling	3	None
HYD 110 Hydraulics/Pneumatics I	3	None
MEC 145 Manufacturing Materials I	3	None
Total Credits	17	

Career Technical Education Pathways

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS *Continued*

C40350PA - ENGINEERING TECHNOLOGY MECHATRONICS CERT.	Credits	Prerequisites
ELC 117 Motors and Controls	4	None
ELC 128 Introduction to PLC	3	None
ELC 213 Instrumentation	4	None
HYD 110 Hydraulics/Pneumatics I	3	None
MEC 130 Mechanisms	3	None
Total Credits	17	

C40350PB - INTRODUCTION TO MECHATRONICS CERTIFICATE*	Credits	Prerequisites
ATR 112 Intro to Automation	3	None
BUS 139 Entrepreneurship I	3	None
CIS 110 Intro to Computers (T)	3	None
DFT 151 CAD I (HS)	3	None
ELC 213 Instrumentation	4	None
Total Credits	16	

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

The following CTE pathways are available to eligible high school freshmen, sophomores, juniors, and seniors.

C60160PA - AUTOMOTIVE CTE CERTIFICATE (Only available evenings at CATA)	Credits	Prerequisites
AUT 114 Safety and Emissions	2	None
AUT 116 Engine Repair	3	None
AUT 141 Suspension & Steering Sys	3	None
AUT 151 Brake Systems (HS)	3	None
AUT 181 Engine Performance 1	3	None
TRN 110 Intro to Transportation Technology	2	None
TRN 140 Transportation Climate Control	2	None
Total Credits	18	

T Courses that transfer under the comprehensive articulation agreement

HS College Credit for High School Classes

UGETC Universal General Education Transfer Component Course

To Get Started:

1. Visit your high school guidance counselor and confirm your eligibility to participate in the Career and College Promise (CCP) program.
2. Log into www.cfnc.org using your personal account information. Access the Application Hub through the Apply To College tab and start an application to South Piedmont Community College.



3. The following items are needed to properly complete an application to participate in the Career and College Promise Program:
 - a. CFNC Account Username and Password
 - b. Social Security Number (Not required for immigrants)
 - c. North Carolina Student Identification Number (PowerSchool Number) – Home school students are not required to provide this number.
4. Under the Enrollment Information area select:

Entrance status: *

Career and College Promise (Current NC high school students ONLY)

5. Under Career and College Promise Pathways select College Transfer Pathway and/or the Career and Technical Education Pathway. You will also need to select a particular program of study within the selected pathways.

Career and College Promise Pathways:

- ☐ College Transfer Pathway
- ☐ Career and Technical Education Pathway

6. If your high school uses CFNC for transcripts, you will be asked if you want to send a transcript. Simply check the box to send your transcript through CFNC and continue. You can also use the icon shown on the Application Hub in step 2 above to have a transcript sent to a college.
7. Finish the application and be sure to select the Submit button.
8. Your assigned Enrollment Recruiter will request copies of your qualifying test scores directly from your high school guidance counselor, if required, and confirm your eligibility to participate.
9. Finally, meet with your assigned Enrollment Recruiter, register for classes within your selected pathway, and complete a Family Educational Rights and Privacy Act (FERPA) form on our college website using your assigned username and password.

Career and College Promise (CCP) Program Eligibility Criteria

	Juniors and Seniors	Sophomores	Freshmen
College Transfer Pathways (CTP): Associate in Arts Associate in Engineering Associate in Fine Arts Associate in Nursing Associate in Science	1. Have an unweighted GPA of 2.8 on high school courses; or 2. Demonstrate college readiness on approved assessments in English, reading, and mathematics. 3. Provide a current transcript each enrolling semester.	Caveats apply - See Career Coach or Advising Center for details	Caveats apply - See Career Coach or Advising Center for details
Career and Technical Education Pathways (CTE): (Agriculture, Food and Natural Resources; Architecture and Construction; Arts, A/V Technology and Communications; Business Management and Administration; Health Science; Hospitality & Tourism; Human Services; Information Technology; Law, Public Safety, Corrections and Security; Manufacturing; Science, Technology, Engineering, and Mathematics; and Transportation, Distribution and Logistics.)	1. Have an unweighted GPA of 2.8 on high school courses; or 2. Demonstrate college readiness on approved assessments in English, reading, and mathematics; or 3. Receive a signed waiver to enter the CTE pathway without UGETC (Universal General Education Transfer Component) courses from the principal (or their designee) that includes rationale for waiving the 2.8 unweighted GPA requirement. 4. Provide a current transcript each enrolling semester.	1. All criteria listed for freshmen; and 2. Have an unweighted GPA of 2.8 on high school courses; or 3. Demonstrate college readiness on approved assessments in English, reading, and mathematics; or 4. Receive a signed waiver to enter the CTE pathway without UGETC (Universal General Education Transfer Component) courses from the principal (or their designee) that includes rationale for waiving the 2.8 unweighted GPA requirement. 5. Provide a current transcript to verify the unweighted GPA each enrolling semester.	1. Passed Math I with a grade of C or better; 2. Scored a 3, 4, or 5 on the End of Course assessment (EOC) for Math I; Scored a 3, 4, or 5 on the 8th grade End of Grade ELA assessment. * 3. Have the recommendation of the high school principal (or their designee); and 4. Enroll in Business, Construction, Engineering, Industrial, Agriculture and Natural Resources, or Transportation Systems Technologies pathways without UGETC (Universal General Education Transfer Component) courses.
Maintaining Eligibility	1. Continue to make progress toward high school graduation, and 2. Maintain a 2.0 GPA in college coursework after completing two courses. 3. A student who falls below a 2.0 GPA after completing two college courses will be subject to the college's policy for satisfactory academic progress.		

* Students who do not have a Math I or ELA assessment score must show college readiness through the appropriate NC DAP scores.

CCP Assessments of College Readiness (Mix and Match)

Test	PSAT 10 and PSAT/NMSQT (2015 and Future)	SAT (March 2016 and Future)	Pre-ACT and ACT	NC DAP (NCCCS Cut Score)	RISE Placement Test		Advanced Placement (AP)		International Baccalaureate (IB)		Cambridge International Examinations	
English	26 or a composite score of 460 for Evidenced-Based Reading and Writing	480 composite score for Evidenced-Based Reading and Writing	18	Composite score of 151 or higher	75 or higher on Tier 1 <u>and</u> Tier 2 (See RISE placement Guide)		English, Language and Composition	3 or higher	IB English A (Standard or Higher Level)	4 or higher	AS Level English Language	C or higher
Reading	26 or a composite score of 460 for Evidenced-Based Reading and Writing		22				English, Language and Composition	3 or higher	IB Mathematics (Higher Level)	4 or higher	A Level English Language	C or higher
Mathematics	24.5 or 510	22	7 on each assessment for DMA 010 thru 060	75 or higher on Tier 1 <u>and</u> Tier 2 <u>and</u> Tier 3 (See RISE placement Guide)			Calculus AB	3 or higher	IB Advanced Mathematics (Higher Level)	4 or higher	AS Level language and Literature in English	C or higher
					Calculus BC		3 or higher	IB Mathematical Studies (Standard Level)	4 or higher	AS Level Math	C or higher	
*To be eligible for enrollment in a College Transfer Pathway, students must have an unweighted GPA of 2.8 on High School courses or 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.										A Level Math	C or higher	
										A Level Mathematics - Further	C or higher	

PLAN FOR YOUR CAREER NOW | SPCC CAREER SERVICES CAN HELP!

Welcome Career and College Promise Students to South Piedmont Community College! We are glad you are getting a head start on your college academics and essentially, your career! Some high school students may already have a pretty good idea of the career path they wish to pursue, but many still need a bit of time to learn about themselves and explore the many career opportunities and occupations that exist in our ever expanding global society!

Perhaps you are considering looking for a good first job while you are still in high school. From entry level to seasoned professional, *everyone* can benefit from guidance and assistance with developing their job search readiness skills! This can include help with writing a great cover letter and résumé or portfolio, developing your personal brand through social media or participating in a mock interview!

Our comprehensive career services are available to all enrolled students and alumni at every stage of career development, from guidance with initial career exploration and decision making to building and practicing employment readiness skills. Services are facilitated through our Counseling Department as part of the Student Development Division.

Visit SPCC Career Services to Learn More

<https://spcc.edu/career-services-2/>

Enrolled SPCC students can also sign up for a free student account through our **College Central Network®** career management site and apply directly for work opportunities through our virtual job board!

- Build or upload your existing résumé and career e-portfolio
- Seek and apply for jobs that match your training and qualifications!
- Set your account to send automatic updates of relevant opportunities!
- Access hundreds of helpful career advice articles, podcasts and videos!
- Receive announcements to participate in on-campus career events!

Once you have enrolled as a Career and College Student at SPCC, you are welcome to connect with SPCC Career Services right away for counseling and assistance with your career development!

Again, welcome and best of success!

SPCC Career Services

CareerServices@spcc.edu

Admission Requirements for NAS 101 Nurse Aide I Class

High school students who are interested in taking the NAS 101 class within the Nurse Aide CTE pathways must first complete an application to South Piedmont Community College (SPCC) and select the C45840PA or C45840PB pathway within the Career and College Promise (CCP) program. Classes within the CCP program are tuition free. Successful completion of this class qualifies students to take the North Carolina Nurse Aide I examination. Students must pass both portions of the examination (written or oral test and skills evaluation) within two (2) years from the completion date of the class or within three (3) attempts, whichever comes first to be placed on the North Carolina Nurse Aide I Registry. The cost of the North Carolina Nurse Aide I examination is currently \$120.

Applicants to a Nurse Aide CTE pathway program must be in their senior year of high school and be 16 ½ years of age on the first day of the scheduled class. Students must have an unweighted GPA of 2.8 on high school courses; or demonstrate college readiness on approved assessments in English, reading, and mathematics; or receive a signed waiver to enter the Nurse Aide CTE pathway from their high school principal (or their designee) that includes the rationale for waiving the 2.8 unweighted GPA requirement.

Students must take the TABE test and achieve a 9th grade English/Reading and Math score. TABE tests are available free of charge at SPCC testing centers. Testing center appointments are available at www.spcc.edu or through coordination with assigned SPCC Enrollment Recruiters.

Students must provide a copy of the following documents:

1. _____ Driver's License (must be current)
2. _____ Social Security Card (must be signed and cannot be laminated)
3. _____ Current CPR Card for Health Care Providers or Basic Life Support CPR certification
(The four (4) hour training class is available through SPCC and costs approximately \$50)
4. _____ Copy of Immunization Records indicating:
 - a. _____ Negative TB Skin Test (Anson County classes require 2-step test)
 - b. _____ Tetanus shot within the past 10 years
 - c. _____ Hepatitis B vaccination or providing a signed declination form available at SPCC
 - d. _____ Flu shot is required for classes being taught between September and March
 - e. _____ MMR vaccination for Measles, Mumps, and Rubella (German Measles)
 - f. _____ Varicella vaccination for chickenpox or titer (blood) test for chickenpox

**Students must also complete a criminal background check and a drug screening.
This requirement is free of charge to Anson and Union county high school students
by following the below procedures:**

1. Obtain a **PIN** number from your assigned SPCC Enrollment Recruiter.
2. Go to <https://www.castlebranch.com/OG80> and click on **Place Order**.
3. **Anson County School System students** enter package code: OS35bgdt
Union County School System students enter package code: OK76bgdt
4. Agree to the **Terms and Conditions of Use** and then click **Continue**.
5. Enter the provided **PIN** number and continue through the process.

Students completing all of the above items will be evaluated for admission and if approved by their local high school staff and South Piedmont Community College may be enrolled in available classes.

Students are required to wear prescribed uniforms (scrubs) to class and to clinical sites. Details on uniform requirements and costs will be provided to enrolled students.

South Piedmont Community College students have access to a wide variety of communication platforms. All are designed to assist with college success and include a GO Portal, Moodle, Gmail, Starfish, and Taskstream account.

GO Portal – The GO Portal gives students access to a wide variety of resources and allows direct access to Moodle and their college-provided email accounts. It also allows students access to online registration, grades, advising, financial aid, class schedules, college updates and more. This is a student's primary tool for staying informed and connected.

Moodle – Moodle is a course management system used by all of SPCC's online, blended, and web-enhanced courses. This is where students conduct online coursework and submit homework assignments for various classes. Courses are only visible and accessible starting on the first scheduled day of the class.

email – All students receive a college-provided Office 365 Outlook Email account which serves as the primary means of communication between students, instructors, and staff. It is critical that students establish a connection with this account and check it on a frequent basis to stay informed.

Starfish – Starfish allows students to keep track of their courses, college services, and appointment scheduling. Students may use Starfish to set up appointments with their instructors and advisors as well as receive notifications about their academic progress.

Taskstream – Taskstream is a web-based system for academic assessment and reporting. Access to the system is only available through coordination with individual instructors who require its use with their courses. Taskstream tools are on-demand; students may access tools, resources, workplaces, and files at any time or place.

ACCESSING SPCC's STUDENT TECHNOLOGY INFORMATION ACCOUNTS

New students should first login to their GO Portal by visiting <http://go.spcc.edu>. Detailed information about creating a username and password is located on the GO login page. It's quick and easy! Our support staff can be reached at support@spcc.edu or by phone at 704-272-5320 if students encounter difficulties with the login process. Student ID numbers are included in initial welcome emails sent to the student's personal email account used when initially applying to SPCC.

When a student is logged into their GO Portal, they can view a great deal of information about their college educational records, plans, and accomplishments. Access to Moodle is granted directly through the GO Portal; where students can view classes and complete required course work. The GO Portal also provides direct links to the students Office 365 Outlook Email account and much more.

The student username and password combination is the key to accessing all authorized communication platforms. A detailed Student Technology Guide is available on our website at spcc.edu/student-resources/technologies.

Links to the GO Portal, Email, Moodle and Starfish are also available on our college website, spcc.edu, at the upper right. Students should always rely on their GO Portal as the primary access point to most of the technology tools needed to be successful at South Piedmont Community College.



L. L. POLK CAMPUS

Mail: PO Box 126, Polkton, NC 28135
680 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 28110
704.290.5100 or 1.800.766.0319

TYSON FAMILY CENTER FOR TECHNOLOGY

Mail: PO Box 5041, Monroe, NC 28111-5041
3509 Old Charlotte Highway, Monroe, NC 28110
704.290.5100 or 1.800.766.0319

LOCKHART-TAYLOR CENTER

514 N. Washington St., Wadesboro, NC 28170
704.272.5400 or 1.800.766.0319

<https://spcc.edu/areas-of-study/high-schools>

High School Programs:

704.290.5090

highschoolprograms@spcc.edu