Southwestern
COMMUNITY COLLEGE

Career & College Promise

Opportunities for High School Students

"Taking college classes tuition-free while in high school is like giving yourself a scholarship and a head start on your future career."

—Dr. Don Tomas, President
Southwestern Community College

Revised 9/24/2018

For more information, please contact

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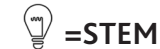
447 College Drive • Sylva, North Carolina 28779

COLLEGE TRANSFER Pathway Quick Reference

Requirements:

💡 =STEM

- ✓ Junior or senior
- ✓ At least 3.0 weighted high school GPA (current official transcript required)
- ✓ Demonstrate "college readiness" 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.
- ✓ Complete SCC paper application for high school students
- ✓ Textbooks and other required materials must be purchased by the student (or high school)
- ✓ Student/parent are responsible for transportation to / from seat-based classes

Career & College Promise College Readiness Benchmarks on Approved Diagnostic Assessment Tests

Test	PLAN	PSAT 2014 and earlier	PSAT 2015 and future	Pre ACT & ACT	SAT Pre-March 2016	SAT March 2016 & future	Accuplacer NC DAP -Take through SCC-
English	15	45	26	18	500	480	Composite score of 151 or higher
Reading	18	47	26	22	500		
Mathematics	19	47	24.5	22	500	530	7 on each assessment for DMA 010 thru 060

* ASSET, COMPASS and Accuplacer NCCCS also accepted.

These pathways will allow a student to BEGIN working on Universal General Education Transfer Core (UGETC) classes. Additional classes will be required to complete an associate's degree.

When a student completes ALL courses in a pathway, he or she may take other classes required for the degree.

Students may be in a College Transfer Pathway AND a Career Technical Certificate, but NOT two College Transfer Pathways.

Courses may be taken in any order, except courses with required pre-requisites.

No course substitutions are allowed.

To maintain eligibility for continued enrollment, a student must: (1) continue to make progress toward high school graduation and (2) maintain a 2.0 GPA in college coursework.

Provisional Status: A high school junior or senior who does not demonstrate college-readiness on an approved assessment or placement test may be provisionally enrolled in a College Transfer Pathway. To qualify for Provisional Status, a student must meet the following criteria:
a. Have a cumulative weighted GPA of 3.5;
b. Have completed two years of high school English with a grade of 'C' or higher;
c. Have completed high school Algebra II (or a higher level math class) with a grade of 'C' of higher;
d. Obtain the written approval of the high school principal or his/her designee; and,
e. Obtain the written approval of the community college president or his/her designee.
A Provisional Status student may only register for college mathematics (MAT) and college English (ENG) courses within the chosen Pathway. To be eligible to register for other courses in the Pathway, the student must first successfully complete a mathematics or English course with a grade of 'C' or higher.

Associate in Arts for Non-STEM Majors / Associate in Science for STEM or Technical Majors

ENGLISH / COMPOSITION: Arts and Science: Both required.

Courses	Pre-req
ENG 111 Writing & Inquiry	
ENG 112 Writing/Research in the Disciplines	ENG 111

HUMANITIES / FINE ARTS / COMMUNICATIONS: Must take COM 231. **Arts:** Choose 2 additional classes. **Science:** Choose 2 additional class.

Courses	Pre-req
ART 111 Art Appreciation	
ART 114 Art History Survey I	
ART 115 Art History Survey II	
COM 231 Public Speaking	
ENG 231 American Literature I	ENG 112
ENG 232 American Literature II	ENG 112
ENG 241 British Literature I	ENG 112 or ENG 114
ENG 242 British Literature II	ENG 112 or ENG 114
MUS 110 Music Appreciation	
MUS 112 Intro to Jazz	
PHI 215 Philosophical Issues	ENG 111
PHI 240 Introduction to Ethics	ENG 111

SOCIAL / BEHAVIORAL SCIENCES: Arts: Choose 3 from at least two different subjects. **Science:** Choose 2 from at least two different subjects.

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

NATURAL SCIENCES 💡
Arts: Choose one.

Courses	Pre-req
BIO 110* Principles of Biology	
BIO 111* General Biology I	
CHM 151 General Chemistry I	MAT 171 & High School Chemistry
PHY 110 and 110A Conceptual Physics and Lab	

*Students may not take both BIO 110 and BIO 111.

Science: Choose one sequence.

Courses	Pre-req
BIO 111 General Biology I and	
BIO 112 General Biology II	BIO 111
CHM 151 General Chemistry I and	MAT 171 & High School Chemistry
CHM 152 General Chemistry II	CHM 151
PHY 151 College Physics I and	MAT 171 & 172
PHY 152 College Physics II	PHY 151

MATHEMATICS 💡
Arts: Choose one class.

Courses	Pre-req
MAT 143 Quantitative Literacy	
MAT 152 Statistical Methods I	
MAT 171 Pre-calculus Algebra	

Science: Choose two classes.

Courses	Pre-req
MAT 171 Pre-calculus Algebra	
MAT 172 Pre-calculus Trigonometry	MAT 171 or Satisfactory Test Scores
MAT 271 Calculus I	MAT 172 or Satisfactory Test Scores

Required Class Arts and Science: ACA 122 College Transfer Success

OPTIONAL GENERAL EDUCATION HOURS (1-2 classes) - A student may take 1-2 foreign language courses designated as General Education in the CAA as a part of either College Transfer pathway. These courses are NOT a part of the UGETC. Students who complete these courses with a grade of "C" or better may receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, elective credit, or none.

CAREER TECHNICAL Certificate Quick Reference

Requirements:

- Junior or senior
- At least 3.0 weighted high school GPA *or recommendation of principal*
- Complete SCC paper application for high school students
- Textbooks and other required materials must be purchased by the student (or high school)
- Student / parent are responsible for transportation to / from seat-based classes

When a student completes ALL courses in a pathway, he or she may take other classes required for the diploma or degree.

Students may be in a College Transfer Pathway AND Career Technical Certificate, or two Career Technical Certificates.

Courses may be taken in any order, except courses with required pre-requisites.

No course substitutions are allowed.

To maintain eligibility for continued enrollment, a student must: (1) continue to make progress toward high school graduation and (2) maintain a 2.0 GPA in college coursework.

The SCC schedule is posted online. To see if a course will be offered online and/or seat-based (including day/time/location) please go to www.southwesterncc.edu, then click on CLASS SCHEDULE.

Classes in the following tables are in alphabetical order. Please refer to the catalog for course sequence.

Accounting Certificate

Courses	Pre-req
ACC 120 Principles of Financial Accounting	
ACC 121 Principles of Managerial Accounting	ACC 120
ACC 129 Individual Income Taxes	
ACC 150 Accounting Software Applications	ACC 120
CIS 110 Introduction to Computers	

Air Conditioning, Heating, & Refrigeration Technology Certificate

Basic AHR classes are offered in the fall.

Courses	Pre-req
AHR 110 Introduction to Refrigeration	Fall Course
AHR 112 Heating Technology	AHR 110
AHR 113 Comfort Cooling	AHR 110
AHR 120 HVACR Maintenance	Fall Course
ELC 111 Introduction to Electricity	Fall Course

Automotive Systems Technology Certificate

Classes are taught on the SCC Jackson Campus, Franklin High School and Swain High School. SCC Automotive Department will lend high school students a textbook to use for these classes. Students may be required to purchase access codes for online course materials.

Courses	Pre-req
TRN 110 Introduction to Automotive	Fall Course
TRN 120/120A Basic Transportation Electricity and Lab	Fall Course
AUT 141 Suspension & Steering Systems	Spring Course
AUT 151/151A Brake Systems & Lab	Spring Course
AUT 181 Engine Performance I	Summer Course

Business Administration Certificate

Courses	Pre-req
ACC 120 Principles of Financial Accounting	
BUS 110 Introduction to Business	
BUS 137 Principles of Management	
CIS 110 Introduction to Computers	
MKT 120 Principles of Marketing	Fall Course

Carpentry Certificate

Courses	Pre-req	Seat-based only
CAR 111 Carpentry I		**Only offered at Swain High School, not on SCC Campuses.**
CAR 112 Carpentry II	CAR 111	

Cosmetology Diploma – *This pathway does NOT meet the licensure hour requirement to sit for the state board exam.* **Students must complete additional courses, after high school graduation, before taking the state exam.**

SCC Cosmetology Department will lend high school students a textbook and "working kit." Students must purchase (or already have) black "scrubs," black socks and black, closed-toed shoes to wear to class every day. Students must also purchase malpractice insurance for $17 before they may work on clients in the lab.

Courses	Pre-req	Seat-based
ACA 111 College Student Success		New students must start the cosmetology program in the fall. Classes meet M-Th 12-4 p.m., Founders Hall – Jackson Campus. **There are only 7 available sport for high school students.**
COS 111 Cosmetology Concepts I	Co-Req COS 112	
COS 112 Salon I	Co-Req COS 111	
COS 113 Cosmetology Concepts II	COS 111 & 112	
COS 114 Salon II	COS 111 & 112	
COS 115 Cosmetology Concepts III	COS 111 & 112	
COS 116 Salon III	COS 111 & 112	
COS 117 Cosmetology Concepts IV	COS 111 & 112	
ENG 111 Writing & Inquiry	Satisfactory Test Scores	
PSY 150 General Psychology	Satisfactory Test Scores	
COS 118 Salon IV	COS 111 & 112	

Criminal Justice Certificate

Courses	Pre-req
CJC 111 Introduction to Criminal Justice	Fall Course
CJC 112 Criminology	Fall Course
CJC 113 Juvenile Justice	Spring Course
CJC 131 Criminal Law	
CJC 212 Ethics and Community Relations	Spring Course
CJC 231 Constitutional Law	

Culinary Arts Certificate

Classes are taught on the SCC Jackson Campus.

*Select classes taught at Franklin High School and Swain High School.

Courses	Co-req
CUL 110/110A Sanitation & Safety / Lab	Fall Course
CUL 112 Nutrition for Foodservice	Fall Course
CUL 135/135A Food & Beverage Service / Lab	Fall Course
CUL 140 Culinary Skills I	Fall Course
CUL 160 Baking I	Fall Course

Electronics Engineering Technology Certificate

Courses	Pre-req
ATR 112 Intro to Automation	
ELN 131 Analog Electronics I	Spring Course
ELC 131 Circuit Analysis I	Fall Course
ELN 133 Digital Electronics	

Early Childhood Education Certificate

Courses	Pre-req
EDU 119 Intro to Early Childhood Education	Fall Course
EDU 144 Child Development I	Fall Course
EDU 145 Child Development II *(highly recommend students take EDU 144 before 145)*	Spring Course
EDU 146 Child Guidance	Fall Course
EDU 131 Child, Family & Community	Spring Course

Emergency Medical Science Certificate

Courses	Pre-req
ACA 111 College Student Success	
EMS 110 EMT Basic * Fees apply. Requires background check & drug screening	Must be 18 or turn 18 within 1 year of completing the course to take state exam. ACA 111 Co-Req.
MED 121 Medical Terminology I	
MED 122 Medical Terminology II	MED 121

Information Technology   These programs are only offered online.

Mobile Applications Certificate Courses	Pre-req
CIS 115 Intro to Programming & Logic	Satisfactory Test Scores
CSC 151 JAVA Programming	CIS 115
CSC 251 Advanced JAVA Programming	CSC 151
CTI 150 Mobile Computing Devices	
WEB 151 Mobile Application Development I	CIS 115
WEB 251 Mobile Application Development II	WEB 151

Software & Web Development Certificate Courses	Pre-req
WEB 110 Internet/Web Funamentals	
CIS 115 Intro to Programming & Logic	Satisfactory Test Scores
CSC 139 Visual BASIC Programming	CIS 115
CSC 151 JAVA Programming	CIS 115
CSC 251 Advanced JAVA Programming	CSC 151
DBA 120 Database Programming I	WEB 110

Network Management - CISCO Certificate Courses	Pre-req
NET 125 Networking Basics	
NET 126 Routing Basics	NET 125
NET 225 Routing & Switching I	NET 126
NET 226 Routing & Switching II	NET 225

Network Management - Operating System Certificate Courses	Pre-req
NOS 110 Operating Systems Concepts	
NOS 120 Linux/UNIX Single User	NOS 110 or CET 211
NOS 130 Windows Single User	NOS 110 or CET 211
NOS 230 Windows Administration I	NOS 110

Network Management - Support & Services Certificate Courses	Pre-req
CTS 115 Information Systems Business Concepts	
CTS 120 Hardware/Software Support	
CTS 155 Technical Support Functions	
CTS 250 User Support & Software Evaluation	NOS 130 & CTS 120

Mechatronics Basic Certificate

All classes taught in Bryson City at the Swain Business & Industry Training Center.

Courses	Pre-req
ATR 112 Intro to Automation	
ELC 128 Intro to PLC	ELC 131
ELC 131 Circuit Analysis	
ISC 112 Industrial Safety	
MEC 130 Mechanisms	

Medical Assisting Certificate

This program is only offered online.

Courses	Pre-req
MED 110 Orientation to Medical Assisting	
MED 118 Medical Law & Ethics	
MED 121 Medical Terminology I	
MED 122 Medical Terminology II	MED 121
MED 130 Administrative Office Procedures I	
MED 131 Administrative Office Procedures II	MED 130

Nurse Aide

Students are responsible for the following: $15 health insurance (unless already covered by an existing policy), $17 malpractice insurance, $24.50 for criminal background check, $5 CPR card, $60 textbook, $1 SCC student ID, $47.50 drug test (dependent on clinical site), WHITE scrubs/shoes/socks, watch with a second hand, blood pressure cuff, and stethoscope.

* Admission requires CPT Reading Comprehension score of 55 or greater.

Courses	Pre-req
NAS 101 Nurse Aide I	
NAS 102 Nurse Aide II	NAS 101
NAS 106 Geriatric Aide	NAS 101

Office Administration Certificate

Courses	Pre-req
ACA 111 College Student Success	
CIS 110 Introduction to Computers	
OST 131 Keyboarding	CIS 110
OST 136 Word Processing	
OST 164 Office Editing	
OST 184 Records Management	
MKT 223 Customer Service	

Welding Technology Certificate

Classes taught at SCC Jackson Campus, Franklin High School and Swain High School.

Courses	Pre-req
WLD 110 Cutting Processes	co-req WLD 111
WLD 111 Oxy Fuel Welding	co-req WLD 110
WLD 115 SMAW Stick Plate	WLD 110 & WLD 111
WLD 121 GMAW MIG FCAW / Plate	WLD 115
WLD 131 GTAW TIG Plate	WLD 121