

Bladen Community College

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Career and College Promise Program College Transfer - Engineering Pathway

The Bladen Community College Career and College Promise Program provides seamless dual enrollment educational opportunities to qualifying high school juniors and seniors. The Career and College Promise Program allows high school students the opportunity to pursue a high school diploma while concurrently progressing towards earning a postsecondary academic credential including a certificate, diploma, or degree. Such credentials will grant students the essential academic training to pursue college transfer interests and entry-level employment opportunities. The Career and College Promise (CCP) Engineering Pathway is designed for high school juniors and seniors who wish to begin study toward the Associate in Engineering degree and a Baccalaureate degree in a STEM or technical major.

Students interested in participating in one of the College Transfer Pathways must meet the following criteria:

- (1) Be a high school junior or senior,
- (2) Have an **unweighted** high school grade point average of 2.8 or higher, **OR**
- (3) Demonstrate college readiness in English, reading and mathematics (**See Attachment A for test scores**):
 - a. PSAT
 - b. SAT
 - c. Pre-ACT
 - d. ACT
 - e. NC DAP
 - f. RISE Placement Test
 - g. Advanced Placement (AP)
 - h. International Baccalaureate (IB)
 - i. Cambridge International Exams

Career and College Promise participants will earn both high school and college credit. The North Carolina Department of Public Instruction will determine the number of high school units to be awarded to students for successful completion of college courses. Awarded high school credits will be counted as elective credits and cannot be used to fulfill a required high school course requirement.

All courses listed in the various College Transfer Pathways are listed in the Comprehensive Articulation Agreement; therefore, such courses will transfer to any of the 16 colleges in the University of North Carolina College System and many private colleges. Transferability of courses is contingent upon the student earning a grade of "C" or better in each course.

Career and College Promise Program participants are not required to pay tuition for courses identified in their approved College Transfer Pathway. High school students in the CCP Engineering Pathway must complete the entire pathway before taking additional courses in the Associate in Engineering (A10500) program with the following exception: Students may take additional math courses beyond MAT 272 that are required for the Associate in Engineering degree. Career and College Promise participants are required to maintain at least a 2.0 grade point average on college course work after the completion of two college level courses.

ACCREDITATION: Bladen Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees, diplomas, and certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Bladen Community College.

MISSION STATEMENT: Bladen Community College is dedicated to the educational and cultural enrichment of the local and global communities it serves.

Engineering Pathway

The Career and College Promise (CCP) Engineering Pathway is designed for high school juniors and seniors who wish to begin study toward the Associate in Engineering degree and a Baccalaureate degree in a STEM or technical major. Qualified high school juniors and seniors are given an opportunity to earn valuable credits toward a college degree and take advantage of tremendous savings. **Tuition is waived. Each student will be responsible for the purchase of textbooks.**

Associate in Engineering Pathway (P1052C)

The following two English composition courses are required: (6 SHC)

ENG 111	Writing & Inquiry (3 SHC)
ENG 112	Writing/Research in the Disciplines (3)

Select one course from the following: (3 SHC)

ART 111	Art Appreciation (3)
ART 114	Art History Survey I (3)
ART 115	Art History Survey II (3)
COM 231	Public Speaking (3)
ENG 231	American Literature I (3)
ENG 232	American Literature II (3)
ENG 241	British Literature I (3)
ENG 242	British Literature II (3)
MUS 110	Music Appreciation (3)
MUS 112	Introduction to Jazz (3)
PHI 215	Philosophical Issues (3)
PHI 240	Introduction to Ethics (3)

The following course is required: (3 SHC)

ECO 251	Principles of Microeconomics (3)
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The following courses are required: (8 SHC)

Calculus I is the lowest level math course that will be accepted by the engineering programs for transfer as a math credit. Students who are not calculus-ready will need to take additional math courses.*

MAT 271	Calculus I (4)
MAT 272	Calculus II (4)

Select two courses from the following: (8 SHC)

CHM 151	General Chemistry I (4)
PHY 251	General Physics I (4)
PHY 252	General Physics II (4)

Other Required Courses: (6 SHC)

ACA 122	College Transfer Success (1)
EGR 150	Introduction to Engineering (2)
DFT 170	Engineering Graphics (3)

PREREQUISITE GENERAL EDUCATION COURSES: (0 - 8 SHC)

MAT 171	Pre-calculus Algebra (4)
MAT 172	Pre-calculus Trigonometry (4)

Students who do not place directly into MAT 271 must complete MAT 171 and MAT 172 prior to enrolling in MAT 271 Calculus I.

***OPTIONAL GENERAL EDUCATION HOURS**

A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as General Education in the CAA as part of their pathway. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Total Semester Hours Credit (SHC) in Program: 34-50

High school students in the CCP College Transfer Pathway Leading to the Associate in Engineering must complete the entire pathway before taking additional courses in the Associate in Engineering degree with the following exception: Students may take additional math courses beyond MAT 272 that are required for the Associate in Engineering degree.