

DURHAM TECHNICAL COMMUNITY COLLEGE  
**CAREER AND COLLEGE PROMISE COLLEGE TRANSFER PATHWAY**  
**Leading to the Associate in Engineering Degree (P1052C)**

Catalog/Academic Year 2024-2025

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

**UNIVERSAL GENERAL EDUCATION TRANSFER COMPONENT (UGETC: 28 SHC) SHC = Semester Hours of Credit**

*All General Education Transfer Component Courses with an earned grade of C or better will transfer for equivalency credit.*

<b>English Composition (6 SHC)</b>	SHC	SEM	Grade
ENG 111 Writing and Inquiry	3		
ENG 112 Writing/Research in the Disciplines (Prereq: <b>ENG 111</b> )	3		

<b>Communications and Humanities/Fine Arts (3 SHC)</b>	SHC	SEM	Grade
<i>Select <b>one</b> course from the following:</i>			
ART 111, COM 231, ENG 231, ENG 232, ENG 241, ENG 242, PHI 215, PHI 240 (Prereq: <b>ENG 231, ENG 232, ENG 241, ENG 242: ENG 112</b> ) (Prereq: <b>PHI 215, PHI 240: ENG 111</b> )	3		

<b>Social/Behavioral Sciences (3 SHC)</b>	SHC	SEM	Grade
ECO 251 Principles of Microeconomics	3		

<b>Mathematics (8 SHC)</b>	SHC	SEM	Grade
MAT 271 Calculus I <i>MAT 271 Calculus 1 is the lowest math course that will be accepted by the engineering programs for transfer as a math credit. Students who do not place directly into MAT 271 must complete MAT 171 Pre-calculus Algebra and MAT 172 Pre-calculus Trig (8 SHC) prior to enrolling in MAT 271.</i>	4		
MAT 272 Calculus II (Prereq: <b>MAT 271</b> )	4		

<b>Natural Sciences (8 SHC)</b>	SHC	SEM	Grade
CHM 151, PHY 251 (Prereq: <b>MAT 271</b> ; Coreq: <b>MAT 272</b> ), PHY 252 (Prereq: <b>MAT 272 and PHY 251</b> )	4		
Choose a second course from Natural Sciences listed above.	4		

**OTHER REQUIRED HOURS (6 SHC)**

Course	Comments	SHC	SEM	Grade
Academic Transition	ACA 122 College Transfer Success	1		
Engineering	EGR 150 Introduction to Engineering	2		
Engineering	DFT 170 Engineering Graphics	3		

**OPTIONAL FOREIGN LANGUAGE (0-8 SHC)**

Course	Comments	SHC	SEM	Grade
Foreign Language	Choose from ARA/ASL/FRE/GER/SPA 111 and 181, 112 and 182, 211, 212	3-4		
Foreign Language	Choose a second course from Foreign Language courses listed above.	3-4		

**Total SHC in Pathway: 34-50**

(Depending on math and foreign language choices)

**Total SHC Completed in Pathway: \_\_\_\_\_**

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.