

BCCC

Baltimore City Community College



ENGINEERING TRANSFER, AS

Associate of Science

The Engineering Transfer program provides students with a firm grounding in scientific and mathematical fundamentals, experience in analyzing engineering systems, and exposure to current engineering practices and cutting-edge engineering research and technology.

The program trains and prepares knowledgeable and capable students to successfully earn undergraduate and graduate engineering degrees and impact their communities through productive careers in the engineering field. Graduates usually transfer to four-year institutions to earn bachelor's degrees in a variety of engineering fields.

Learn more at
bccc.edu/engineering

ENGINEERING TRANSFER, AS

64 credit hours

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CAREER OPTIONS

- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
- System Engineering

BCCC'S ADVANTAGE

- Small class size
- Virtual & remote learning
- Majority of graduates transfer to a bachelor's degree program

APPLY TODAY

bccc.edu/apply

SUGGESTED SEQUENCE OF COURSES

Every degree-seeking student must complete the College's General Education Requirements in addition to the requirements of his/her academic program. Through the College's General Education Requirements, students acquire basic knowledge of the disciplines in the areas of arts and humanities, social and behavioral sciences, biological and physical sciences, mathematics, English composition, and computer literacy.

1ST SEMESTER	CREDITS	COURSE #
Preparation for Academic Achievement	1	PRE 100
General Chemistry I	4	CHE 101
Engineering Graphics	3	EGN 101
English Writing	3	ENG 101
Calculus I	4	MAT 140
Fundamentals of Speech Communication	3	SPE 101
	18 Credits	

2ND SEMESTER	CREDITS	COURSE #
General Chemistry II	4	CHE 102
Programming in C	3	CSC 108
Health & Life Fitness	1	HLF ELEC
Calculus II	4	MAT 141
Introduction to Literature or The Woman in Literature	3	ENG 200 or ENG 205
	15 Credits	

3RD SEMESTER	CREDITS	COURSE #
Statics	3	EGN 102
History of American Civilization I or World History I	3	HIS 101 or HIS 151
Health & Life Fitness	1	HLF ELEC
Calculus III	4	MAT 210
General Physics I	5	PHY 203
	16 Credits	

4TH SEMESTER	CREDITS	COURSE #
The American Economy I: Macroeconomic Theory	3	ECO 201
Dynamics	3	EGN 201
Differential Equations	4	MAT 211
General Physics II	5	PHY 204
	15 Credits	