

ELECTRICAL ENGINEERING

Associate of Applied Science

BCCC

Baltimore City Community College



The Electrical Engineering 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 Engineering Transfer Program trains and prepares knowledgeable and capable students who go on to successfully earn undergraduate and graduate engineering degrees and impact their communities through productive careers in an engineering field.

Endless Career Options

Graduates of the Engineering Transfer Program transfer to four-year institutions to earn bachelor's degrees in a variety of engineering fields.

LEARN MORE AT
bccc.edu/electrical



ELECTRICAL ENGINEERING

Associate of Applied Science

60 credit hours



BCCC'S ADVANTAGE CAREER OPTIONS

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

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

APPLY TODAY

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SUGGESTED SEQUENCE OF COURSES

	Credits	Course No.
Program Prerequisites		
Prep. for Academic Achievement	4	RENG 90
Composition Skills I	4	RENG 91
Composition Skills II	4	RENG 92
Arithmetic	3	MAT 80
Integrated Pre-Algebra & Intro Algebra	5	MAT 86
Integrated Elem. & Intermed. Algebra	5	MAT 87
1st Semester		
Prep. for Academic Achievement	1	PRE 100
General Chemistry	3	CHE 101
Engineering Graphics	3	EGN 101
DC Circuit Analysis	3	ELC 120
Calculus I	4	MAT 140
Fund. of Speech Comm.	3	SP 101
2nd Semester		
Programming in C	3	CSC 108
AC Circuit Analysis	3	ELC 121
Health & Life Fitness	1	HLF ELEC
Calculus II	4	MAT 120
English Writing	3	ENG 101
3rd Semester		
Digital Fundamentals & Circuits	3	ELC 256
Introduction to Literature	3	ENG 200
Health & Life Fitness	1	HLF ELEC
Advanced Calculus	4	MAT 210
General Physics I	5	PHYS 203
4th Semester		
The American Economy 1: Macroeconomic Theory	3	ECO 201
Special Topics in Electrical Engineering	1	EGN 205
History of American History I or Work History I	3	H 101 or H151
Differential Equations	4	MAT 211
General Physics II	5	PHY 204