Electrical Engineering

Stronger Math Preparation

Sample Schedule

Year 1

Fall Semester

Foundations of Science 1	Foundations of Science 2	ECC: Computer Programming for Engineers	Multivariable Calculus

January Term

ECC: Design & Innovation

Spring Semester

Foundations of Science 3	Foundations of Science 4	Colloquium	First-year Writing Seminar

Year 2

Fall Semester

Linear Algebra / Differential Equations	General Elective	General Elective	Core

January Term

General Elective

Spring Semester

Complex Variables / Discrete Mathematics / Engineering Ethics	ECC: Digital Logic / Advanced Digital Logic	ECC: Circuits / Advanced Circuits	Core

Year 3

Fall Semester

Signals and Systems	Probability & Statistics / ECC: Numerical Methods	Electronics	Colloquium

January Term

General Elective

Spring Semester

Electromagnetics	Analog and Digital Communication	Electrical Engineering Elective	General Elective

Year 4

Fall Semester

Capstone Seminar	Instrumentation	Electrical Engineering Elective	Core
Capstone Design I			

Spring Semester

Capstone Design II	ECC: Conservation Laws	Controls	Core
	ECC: Statics		

Course / Credit Key

Course Key

GENERAL ELECTIVES	MAJOR: REQUIRED	MAJOR: ELECTIVES	CAPSTONE	CORE

Credit Key

1 CREDITS	2 CREDITS	4 CREDITS	5 CREDITS