

# Electrical Engineering

Sample Schedule

1-cr Engineering Ethics course must be completed as well

## Year 1

Fall Semester

Calculus with Applications or Calculus	ECC: Computer Programming for Engineers	General Elective	First-year Writing Seminar
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January Term

ECC: Design & Innovation

Spring Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	Colloquium
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## Year 2

Fall Semester

Linear Algebra	Foundations of Science 3	Foundations of Science 4	Core
Differential Equations			

January Term

General Elective

Spring Semester

Complex Variables	ECC: Digital Logic	ECC: Circuits	Core
Discrete Mathematics	Advanced Digital Logic	Advanced Circuits	

## Year 3

Fall Semester

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

January Term

General Elective

Spring Semester

Electromagnetics	Analog and Digital Communication	Electrical Engineering Elective	General Elective
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## Year 4

Fall Semester

Electrical Engineering Elective	Instrumentation	Electrical Engineering Elective	Core
Capstone Design I			

Spring Semester

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