

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

January Term

ECC: Design & Innovation

Spring Semester

Multivariable Calculus

Foundations of Science 1

Foundations of Science 2

Colloquium

Year 2

Fall Semester

Linear Algebra

Differential Equations

Foundations of Science 3

Foundations of Science 4

Core

January Term

General Elective

Spring Semester

Complex Variables

ECC: Digital Logic

ECC: Circuits

Discrete Mathematics

Advanced Digital Logic

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

Electrical Engineering Elective

Capstone Design I

Instrumentation

Electrical Engineering Elective

Core

Spring Semester

Capstone Design II

ECC: Conservation Laws

ECC: Statics

Controls

Core