Prerequisite Flowchart for Electrical Engineering

Legend
- Prerequisite
- Corequisite
- Recommended Prerequisite
- Alternative Prerequisites (must have one of the two)

Freshman Fall
- ENGR 1211 Introduction to Engineering
- MATH 2413 Calculus I (Grade C or Better)
- CHEM 1411 General Chemistry I

Freshman Spring
- MATH 2305 Discrete Math I
- MATH 2414 Calculus II (Grade C or Better)
- PHYS 2425 University Physics I

Sophomore Fall
- COSC 1320 C Programming
- MATH 2415 Calculus III
- PHYS 2426 University Physics II

Sophomore Spring
- ENGR 2460 Circuit Analysis
- MATH 3315 Differential Equations
- ENGR 3316 Thermodynamics

Junior Fall
- EEEN 3315 Microprocessors and Microcontrollers
- EEEN 3418 Electro-Magnetic Theory
- EEEN 3310 Linear Algebra

Junior Spring
- EEEN 3330 Control Systems I
- EEEN 3320 Introduction to Communication Theory & Systems
- EEEN 3350 Electronic Systems Design

Senior Fall
- ENGR 4420 Engineering Lab Measurements
- EEEN 4310 Signal Processing
- EEEN 4240 Project Management

Senior Spring
- Approved Technical Elective 3 sem. hrs.
- ENGR 4370 Capstone Projects
- EEEN 4333 Machine Vision and Image Processing

Approved Technical Elective 3 sem. hrs.

Creative Arts 3 sem. hrs.

Language, Philosophy and Culture 3 sem. hrs.

POLS 2305 U.S. Government and Politics

POLS 2306 State & Local Government

Seniors Standing