

Electrical Engineering 2025-2026

| Year | Course | Course | Course | Course | Course | Course |
|------|--|--|---|--|---|---|
| 1-1 | COMM 1050U Technical Communications | ENGR 1015U Introduction to Engineering | MATH 1010U Calculus I | MATH 1850U Linear Algebra for Engineers | PHY 1010U Physics I | |
| 1-2 | CHEM 1800U Chemistry for Engineers (Credit restrictions: CHEM 1010U/CHEM 1020U/CHEM 1110U) | ENGR 1025U Engineering Design (ENGR 1015U) | ENGR 1200U Introduction to Programming for Engineers | MATH 1020U Calculus II (MATH 1010U) | PHY 1020U Physics II (PHY 1010U) | SSCI 1470U Impact of Science and Technology on Society |
| 2-1 | ELEE 2450U Digital Systems (ENGR 1200U) | ELEE 2200U Electrical Engineering Fundamentals (MATH 1020U, MATH 1850U, PHY 1020U) | ELEE 2530U Electrical Engineering Mathematics: Essentials & Applications (MATH 1020U, MATH 1850U) | MECE 2640U Thermodynamics and Heat Transfer (MATH 1020U, PHY 1010U) | SOFE 2710U Object Oriented Programming and Design (ENGR 1200U) | |
| 2-2 | ELEE 2210U Circuit analysis (ELEE 2200U, ELEE 2530U) | ELEE 2250U Introductory Electronics (ELEE 2200U) | ELEE 2520U Fundamentals of Electromagnetics (ELEE 2200U, ELEE 2530U) | ENGR 2100U Computational Engineering Applications (ENGR 1200U, MATH 1850U, MATH 2860U or ELEE 2530U) | Liberal Studies Elective | |
| 3-1 | ELEE 3110U Signals and Systems (ENGR 2100U, ELEE 2210U) | ELEE 3230U Electronic Circuit Design (ELEE 2250U) | ELEE 3240U Applications for Electromagnetics (ELEE 2520U) | ELEE 3250U Electric Machines (ENGR 2100U, Coreq: ELEE 3240U) | ELEE 3450U Microprocessors and Computer Architecture (ELEE 2450U) | |
| 3-2 | ELEE 3070U Probability and Random Signals (ELEE 3110U) | ELEE 3100U Introduction to Control Systems (ELEE 3110U) | ELEE 3130U Communication Systems (ELEE 3110U) | ELEE 3180U Design Principles & Project Management in Electrical Engineering (ELEE 2250U, ELEE 2450U, ELEE 2520U, SOFE 2710U) | ELEE 3260U Power Systems (ELEE 3250U or MECE 3410U) | ENGR 3360U Engineering Economics |
| 4-1 | ENGR 4940U Capstone Systems Design for Electrical, Computer and Software Engineering I (Successful completion of all non-elective courses in year three) | Engineering Elective | Engineering Elective | Engineering Elective | Engineering Elective | |
| 4-2 | ENGR 4760U Ethics, Law and Professionalism for Engineers | ENGR 4941U Capstone Systems Design for Electrical, Computer and Software Engineering II (ENGR 4940U) | Engineering Elective | Engineering Elective | Liberal Studies Elective | |