EE:
Typical 8-Semester Schedule and Significant Prerequisites with prior credit for Math 1551

Sem 1
Chem 1310 General Chemistry
Math 1552 Integral Calculus
CS 1371 Computing for Engineers
Wellness Elective
ENGL 1101 English Comp I

Sem 2
PHYS 2211 Physics I
Math 1553 Linear Algebra
ECE 2020 Fund. Digital Systems Design
History/Government Elective
ENGL 1102 English Comp II

Sem 3
PHYS 2212 Physics II
Math 2552 Differential Equations
ECE 2026 Intro to Signal Processing
Economics Elective
Social Sciences Elective

Sem 4
Math 2551 Multivariate Calculus
ECE 2040 Circuit Analysis
ECE 2031 Digital Design Lab
Programming Elective ECE 2035 or 36

Sem 5
Science Elective
ECE 3040 Microelectronic Circuits
ECE 3043 Meas. & Circuits Lab
ECE 3084 Signals & Systems
Social Sciences Elective

Sem 6
ECE/Approved/Engineering Elective
Prob/Stat ECE/App/Engr elective
ECE Elective
ECE 3025 Electromagnetics
ECE 3072 Electrical Energy Systems
Approved Elective

Sem 7
Engineering Elective
ECE Elective
ECE 4011 Senior Design I
ECE 4XXX Elective
ECE 4XXX Lab Elective
Approved Elective

Sem 8
Humanities Elective
ECE 4012 Senior Design II
ECE 4XXX Elective
Approved Elective
Approved Elective

Key
Requires a grade of “C” or better
Prerequisite
May be taken pass-fail
Co-requisite
Prerequisite with concurrency

Rev F3