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

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

Sem 1
- Chem 1310 General Chemistry
- Math 1552 Integral Calculus
- CS 1301 Intro to Computing
- 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
- ECE 2026 Intro to Signal Processing
- Economics Elective
- Social Sciences Elective
- See course information

Sem 4
- Math 2552 Differential Equations
- ECE 2031 Digital Design Lab
- Programming Elective ECE 2035 or 36
- Social Sciences Elective

Sem 5
- ECE 2040 Circuit Analysis
- ECE 3040 Microelectronic Circuits
- ECE 3043 Meas. & Circuits Lab
- ECE 3084 Signals & Systems
- Humanities Elective

Sem 6
- ECE 3051 Multivariate Calculus
- ECE 2040 Circuit Analysis
- ECE 3043 Meas. & Circuits Lab
- ECE 3072 Electrical Energy Systems
- ECE/Approved Engineering Elective

Sem 7
- ECE 4011 Senior Design I
- ECE 4012 Senior Design II
- ECE 4011 Senior Design I
- ECE 4012 Senior Design II
- ECE 4XXX Elective

Sem 8
- Humanities Elective
- Humanities Elective
- ECE 4XXX Lab Elective
- Approved Elective

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Rev F3