

Electrical and Electronic Engineering Change of Major Information

Students are not permitted to enroll in upper division courses until they have completed all lower division requirements in **Section A** and have filed a change of major form for Electrical and Electronic Engineering.

It is imperative that students take the University's Writing Proficiency Examination (WPE) during the first semester of the junior year, as it is a prerequisite to all laboratory courses after [EEE 117](#).

Section A. Required Lower Division Courses (Pre-major)

- (5) [CHEM 001A*](#) General Chemistry (High school algebra (two years) and high school chemistry; or equivalent)
- (3) [CSC 025](#) Introduction to C Programming
- (4) [EEE 064](#) Introduction to Logic Design ([CSC 015](#) or [CSC 025](#))
- (3) [ENGL 020](#) College Composition II ([ENGL 001A](#) with grade of "C-" or better, or equivalent)
- (3) [ENGR 017](#) Introductory Circuit Analysis ([MATH 045](#), [PHYS 011C](#), either concurrent, not both)
- (3) [ENGR 070](#) Engineering Mechanics ([PHYS 011A](#))
- (4) [MATH 030*](#) Calculus I ([MATH 029](#) or four years of high school mathematics which includes two years of algebra, one year of geometry, and one year of mathematical analysis; completion of ELM requirement and Pre-Calculus Diagnostic Test.)
- (4) [MATH 031*](#) Calculus II ([MATH 030](#) or appropriate high school based AP credit)
- (4) [MATH 032](#) Calculus III ([MATH 031](#))
- (3) [MATH 045](#) Differential Equations for Science and Engineering ([MATH 031](#))
- (4) [PHYS 011A*](#) General Physics: Mechanics ([MATH 030](#), [MATH 031](#) or equivalent certificated high school courses. [MATH 031](#) may be taken concurrently)
- (4) [PHYS 011C*](#) General Physics: Electricity and Magnetism, Modern Physics ([MATH 031](#), [PHYS 011A](#))