# ELECTRICAL ENGINEERING
# Recommended Schedule - 2012-2013 – GE3

## Lower Division

**Freshman Year**

**Fall**
Math 21A - Calculus
ECS 10 or GE Elective
English - UWP 1 or English 3 or
Comp Lit 1, 2, 3 or 4 or NAS 5
EEC 1 – Intro to ECE

**Winter**
Math 21B - Calculus
Chemistry 2A - General Chemistry
ENG 6 or ECS30
GE Elective

**Spring**
Math 21C - Calculus
Physics 9A - Classical Physics
GE Elective or ENG6

**Sophomore Year**

**Fall**
Math 21D - Vector Analysis
Physics 9B - Classical Physics
EEC 70 - Assembly Language
GE Elective

**Winter**
Math 22A - Linear Algebra
Physics 9C - Classical Physics
CMN 1 - Public Speaking or
CMN 3 - Group Communication
GE Elective

**Spring**
Math 22B - Differential Equations
Physics 9D - Modern Physics
ENG 17 – Circuits I
GE Elective

## Upper Division

**Junior Year**

**Fall**
EEC 100 - Circuits II
EEC 140A- Device Physics
EEC 180A - Digital Systems

**Winter**
EEC 110A - Electronic Circuits
EEC 130A – Electromagnetics
EEC 150A - Signals and Systems
GE Elective

**Spring**
Lab Elective
Core Elective
Core Elective
Upper Division Comp Requirement

**Senior Year**

**Fall**
EEC 161 – Prob and Statistics
EEC 196 – Issues in Eng Design
Upper Division Elective
Lab Elective

**Winter**
Project Course
ENG 190 - Prof Responsibilities
Technical Elective
Upper Division Elective

**Spring**
Project Course
Technical Elective
GE Elective
Unrestricted Elective

## Total Units for Degree Requirement in Electrical Engineering- 180

*In addition to the courses listed above, you may need to complete an appropriate number of unrestricted electives in order to meet the campus requirement of having completed at least 180 units prior to graduation.*

***For assistance with schedule modifications, consult the ECE Staff Advisor***