**ELECTRICAL ENGINEERING**

**Analog Electronics Recommended Schedule**

**2012-2013**

### Lower Division

**Freshman Year**
- Fall:
  - Math 21A - Calculus
  - ECS10/ECS 30 - Programming
  - English - UWP 1 or English 3 or Comp Lit 1, 2, 3 or 4 or NAS 5
  - EEC 1 – Intro to ECE

**Sophomore Year**
- Fall:
  - Math 21B - Calculus
  - Chemistry 2A - General Chemistry
  - GE Elective/ECS30

- Winter:
  - Math 21C - Calculus
  - Physics 9A - Classical Physics
  - ENG 6 - Engineering Problem Solving
  - 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:
  - EEC 110B – Electronic Circuits II
  - EEC 140B – Device Physics II
  - EEC 161 – Probabilistic Analysis
  - Upper Division Writing Requirement or Unrestricted Elective

**Senior Year**
- Fall:
  - EEC 195A – NATCAR Design Project
  - EEC 196 – Issues in Engineering Design
  - EEC 150B – Signals & Systems II
  - EEC 160 – Signal Analysis & Communication
  - GE Elective

- Spring:
  - EEC 165 – Statistical & Digital Communication
  - EEC 195B – NATCAR Design Project
  - Technical 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*