**Electrical Engineering 2014-2015**

**PreMajor Requirements**

**PREREQUISITE:**
- MAC 1140 & MAC 1114 - C or better grades

**COREQUISITE:**
- CHS 1440** Principles of Chemistry (4)
- EGS 1006C Intro to Engineering (1)
- EGN 1007C Engr. Concepts and Methods (1)
- MAC 2311** Calculus I (4)
- MAC 2312** Calculus II (4)
- PHY 2048C** Physics for Engineers I (4)
- EGN 3310 Engineering Statics (3)
- MAC 2313** Calculus III (4)
- PHY 2049C** Physics for Engineers II (4)
- EGN 3321 Engineering Dynamics (3)
- PHY 3101 Physics for Engineers III (3)
- MAC 2314** Calculus IV (4)
- EEL 3004C Electrical Networks (3)
- EEL 3123C Networks & Systems (4)
- EEL 3350 Semiconductor Devices 1 (3)
- EEL 3470 Electromagnetic Fields (3)
- EEL 3552C Analog & Dig Comm (4)
- EEL 3557 Linear Control Systems (3)
- EEL 3657 Linear Control Systems (3)
- EEL 3801C Computer Organization (3)
- EEL 3914 Senior Design I (3)
- EEL 4742C Embedded Systems (4)
- EGN 3211 Engineering Analysis (3)
- EGN 4915L Senior Design II (3)
- EEL 4914 Senior Design I (3)
- EEL 4915L Senior Design II (3)

**Take 1 of These 2**
- EEL 3470 Electromagnetic Fields (3)
- EEL 3557 Linear Control Systems (3)

**FTIC Requirement**

- EGS 1006C Intro to Engineering (1)
- EGN 1007C Engr. Concepts and Methods (1)
- See Advisor Tech Electives (10)

**See Advisor**

- Tech Electives (10)

**Transfer Requirement**

- See Advisor Tech Electives (12)

**CRITICAL PATH COURSES**

- Pre major requirements

**See Advisor**

**Critical Path Courses**

**TAKE 1 OF THESE 2**

**Course is a state Common Prerequisite; a grade of C (2.0) or better is required**