Electrical Engineering 2019-2020
Comprehensive Track

**PREREQUISITE:**

- MAC1140 & MAC1114 - C or better grades
- PHY 2048C**
  - Physics for Engineers I (4)
- PHY 2049C**
  - Physics for Engineers II (4)
- CHS 1440**
  - Principles of Chemistry (4)
- EGS 1006C
  - Intro to Engineering (1)
- EGN 1007C
  - Engr. Concepts and Methods (1)
- See Advisor
  - Tech Electives (16)
- See Advisor
  - Tech Electives (18)

**COREQUISITE:**

- STA 3032
  - Probability / Statistics (3)
- MAC 2311**
  - Calculus I (4)
- MAC 2312**
  - Calculus II (4)
- MAC 2313**
  - Calculus III (4)
- MAP 2302**
  - Differential Equations (3)
- EEL 3801C**
  - Computer Organization (4)
- EEL 4742C
  - Embedded Systems (3)
- MAC 1140 & MAC 1114 - C or better grades

**CRITICAL PATH COURSES**

- PHY 2049C**
  - Physics for Engineers II (4)
- PHY 3101
  - Physics for Engineers III (3)
- EEE 3342C**
  - Digital Systems (3)
- EEL 3470
  - Electromagnetic Fields (3)
- MAC 2311**
  - Calculus I (4)
- MAC 2312**
  - Calculus II (4)
- MAC 2313**
  - Calculus III (4)
- MAP 2302**
  - Differential Equations (3)
- EEL 3801C**
  - Computer Organization (4)
- EEL 4742C
  - Embedded Systems (3)
- MAC 1140 & MAC 1114 - C or better grades

**Transfer requirement**

- EEL 3004C**
  - Linear Circuits I (3)
- EEE 3307C
  - Electronics I (4)
- EEL 3123C**
  - Linear Circuits II (3)
- EEL 3307C
  - Electronics I (4)
- EEL 3552C
  - Signal Anal & Analog Comm (4)
- EEL 3657
  - Linear Control Systems (3)
- EEL 4750
  - Digital Signal Proc (3)
- EEE 4309C
  - Electronics II (4)

**Pending requirements**

- EEL 3307C
  - Electronics I (4)
- EEL 3326L
  - Junior Design (1)
- EEL 4742C
  - Embedded Systems (3)

**KEY**

- **Grade of C (2.0) or better is required.**