Electrical Engineering 2020-2021
Communications & Signal Processing Track

- **High School Chemistry or Placement**
  - CHS 1440** Principles of Chemistry (4)

- **FTIC requirement**
  - EGS 1006C Intro to Engineering (1)
  - EGN 1007C Engr. Concepts and Methods (1)
  - See Advisor Tech Electives (9-10)

- **Transfer requirement**
  - See Advisor Tech Electives (11-12)

- **Select 2 Junior Electives**
  - EEE 3350 Semiconductor Devices (3) PR: EEL 3004C, PHY 3101
  - EEL 3470 Electromagnetic Fields (3) PR: EEL 3004C
  - EEL 3657 Linear Control Systems (3) PR: EEL 3123C

- **Select 2 Senior Electives**
  - EEL 4140C Analog Filter Design (4) PR: EEL 3123C
  - EEL 4518 Satellite Communications (3) PR: EEL 3552C

- **MAC1140 & MAC1114 - C or better grades**
  - MAC 2311** Calculus I (4)

- **PHY 2048C**
  - Intro to Applied Randomness for Engineers (3)

- **PHY 2049C**
  - Physics for Engineers II (4)

- **PHY 3101**
  - Physics for Engineers III (3)

- **EEL 3004C**
  - Linear Circuits I (3)

- **EEL 3123C**
  - Linear Circuits II (3)

- **EEL 3342C**
  - Digital Systems (3)

- **EEL 3521C**
  - Computer Organization (4)

- **EEL 3552C**
  - Signal Anal & Analog Comm (4)

- **EEL 3742C**
  - Embedded Systems (3)

- **EEL 4194**
  - Senior Design I (3)

- **EEL 4915L**
  - Senior Design II (3)

- **EEL 4914**
  - Senior Design I (3)

- **EEL 4750**
  - DSP Fundamentals (3)

PREREQUISITE:
- **MAC 2311** Engineering Analysis and Computation (3)
- **MAC 2312** Calculus II (4)
- **MAC 2313** Calculus III (4)
- **EEL 4515C** Fund of Digital Communication Systems (4)
- **EEL 4752C** Signal Anal & Analog Comm (4)
- **EEL 4914** Senior Design I (3)
- **EEL 4915L** Senior Design II (3)

COREQUISITE:
- **EEL 3021** Intro to Applied Randomness for Engineers (3)
- **EEL 3201C**
  - Computer Organization (4)
- **EEL 3307C**
  - Electronics I (4)
- **EEL 3552C**
  - Signal Anal & Analog Comm (4)
- **EEL 3926L**
  - Junior Design (1)

PR: EEL 3004C, PHY 3101
PR: EEL 3004C
PR: EEL 3123C
PR: EEL 3004C
PR: EEL 3004C
PR: EEL 3552C
PR: EEL 3123C

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