# Electrical & Computer Engineering

## Academic Year: 2014-2015

### First Year

**Fall**
- **ECE 111** (F(3)) or **ENGR 111** (F(3))
- **CH 201** (F(3)) or **CH 231** (F, W, S, U(5))
- **MTH 112**

**Winter**
- **ECE 112** (W(3)) or **ENGR 112** (F, W, S, U(3))
- **MTH 231** (Discrete Math) (F, W, S, U(4))
- **Perspectives** (F, W, S, U(3))

**Spring**
- **CS 161** (F, W, S, U(4))
- **DIFFERENCES, POWER & DISCRIMINATION** (F, W, S, U(3))
- **COMM 111/114** (F, W, S, U(3))

### Second Year

**Fall**
- **ENGR 201** (Electrical Fundamentals) (F, W, S, U(3))
- **ENGR 203** (Electrical Fundamentals) (F, W, S, U(3))
- **ECE 271** & **272** (Digital Logic) (F, W, S, U(3))

**Winter**
- **ENGR 202** (Electrical Fundamentals) (F, W, S, U(3))
- **MTH 256**
- **WR 327** (Technical Report Writing) (F, W, S, U(3))

**Spring**
- **ENGR 203** (Electrical Fundamentals) (F, W, S, U(3))
- **MTH 255** (Vector Calculus II) (F, W, S, U(4))
- **COMPUTER 162** (F, W, S, U(4))

### Notes:
- Shaded courses are required by the college prior to admission to the Professional Engineering Program.
- Shaded courses are additional prerequisites for third-year courses.
- ( ) The number within the parenthesis represents the credits of the course.
- **F, W, S, U:** Represents the term the course is offered (Fall, Winter, Spring, and Summer terms respectively).
Shaded courses are part of the pro-core coursework
Electives are chosen from an approved list available at