### Electrical Engineering Technology Electives - Electives may change each semester

#### Choose 6 semester hours

- **Tech 295**
  - Math 155, Tech 265
  - Manufacturing Computer Applications
- **Csci 215**
  - Math 110
  - Visual Basic
- **Tech 409**
  - Junior Standing
  - Internship
- **Tech 419**
  - Math 155
  - Energy Auditing
- **Tech 425**
  - M155, T175/A, T265, T295 or CSCI240
  - Programmable Electronic Controllers
- **Tech 445**
  - Math 155, Chem 110 or 210
  - Ind Energy Utilization & Environmental Impacts
- **Tech 481**
  - Math 155, Math 434, Phys 210
  - Ergonomics

#### Choose 9 semester hours

- **Tech 391**
  - Math 155 & STAT 208
  - Industrial Quality Control
- **Tech 393**
  - Tech 265, Chem 110/210
  - Structure and Properties of Matl's
- **Tech 415**
  - Math 155, STAT 208
  - Applied Industrial Experimental Analysis
- **Tech 417**
  - Math 155, Phys 210
  - Design for Energy Efficiency & Green Materials
- **Tech 420**
  - T175/175A, T211, T265
  - Computer-Integrated Manufacturing
- **Tech 443**
  - Math 155
  - Engineering Economy
- **Tech 444**
  - Math 155, Tech 265
  - Production Control Systems
- **Tech 492**
  - Math 155, Stat 208, T265
  - Manufacturing Distribution Applications

### Required Technology Courses

- **Tech 175**
  - Math 155, Phys 210
  - ELECTRICITY AND ELECT FUND
- **Tech 175a**
  - Tech 175
  - TECH 175
- **Tech 211**
  - Math 155
  - CAD/COM-AIDED MODELING
- **Tech 265**
  - Math 155
  - BASIC MANUF PROCESSES
- **Tech 270**
  - Math 155, Tech 270A
  - ELECTRICAL FUND AND CIRCUIT ANAL I
- **Tech 270A**
  - Tech 270
  - TECH 270
- **Tech 271**
  - Math 229, Tech 271A
  - ELECTRICAL FUND AND CIRCUIT ANAL II
- **Tech 271A**
  - Tech 271
  - TECH 271

#### Choose 9 semester hours

- **Tech 391**
  - Math 155 & STAT 208
  - Industrial Quality Control
- **Tech 393**
  - Math 265, Chem 110/210
  - Structure and Properties of Matl's
- **Tech 415**
  - Math 155, Stat 208
  - Applied Industrial Experimental Analysis
- **Tech 417**
  - Math 155, Phys 210
  - Design for Energy Efficiency & Green Materials
- **Tech 420**
  - T175/175A, T211, T265
  - Computer-Integrated Manufacturing
- **Tech 443**
  - Math 155
  - Engineering Economy
- **Tech 444**
  - Math 155, Tech 265
  - Production Control Systems
- **Tech 492**
  - Math 155, Stat 208, T265
  - Manufacturing Distribution Applications

### General Education Knowledge Domain Courses - See CEET website or online Undergraduate Catalog

#### Creativity & Critical Analysis - 2 courses

- (3)

#### Society & Culture - 2 courses

- (3)

#### From any of the Knowledge Domain Areas

- (3)