# Bachelor of Science in Engineering Technology
## Major in Electronic & Computer Engineering Technology

### General Information
- **Semester Breakdown**:
  - Semester 1: 17 credits
  - Semester 2: 17 credits
  - Semester 3: 17 credits
  - Semester 4: 16 credits
  - Semester 5: 17 credits
  - Semester 6: 17 credits
  - Semester 7: 16 credits
  - Semester 8: 15 credits

- **Courses by Semester**:
  - **Semester 1**:
    - EGR 102: First Year Exp. (0)
    - EGR 150: Enrichment Workshop I (0)
    - EGR 103: Engineering Innovation (2)
    - SET 150: Engineering Analysis (2)
    - MTH 166: Calculus I (4)
    - HST 103: The West & The World (3)
    - PHL 103: Introduction to Philosophy (3)
    - ENG 100: Writing Seminar I (3)
    - REL 103: Introduction to Religion (3)
  - **Semester 2**:
    - SET 101: Intro to Engr Tech II (0)
    - EGR 151: Enrichment Workshop II (0)
    - ECT 110: Electrical Circuits I (3)
    - ECT 110L: Electrical Circuits I Lab (1)
    - MCT 110L: Tech Drawing & CAD (2)
    - MTH 169: Calculus II (4)
    - CHM 123: General Chemistry (3)
    - CHM 123L: General Chem Lab (1)
    - REL 103: Introduction to Religion (3)
  - **Semester 3**:
    - EGR 200*: Prof Dev for Sophomores (0)
    - ECT 120: Electrical Circuits II (3)
    - ECT 224: Digital Computer Fund (3)
    - ECT 224L: Digital Computer Fund Lab (1)
    - MCT 110: Tech Drawing & CAD (2)
    - MTH 169: Calculus II (4)
    - CHM 123: General Chemistry (3)
    - CHM 123L: General Chem Lab (1)
    - REL 103: Introduction to Religion (3)
  - **Semester 4**:
    - MCT 215: Statics (3)
    - ECT 206: Electronic Devices I (3)
    - ECT 206L: Electronic Devices I Lab (1)
    - IET 316: Quantitative Analysis (3)
    - ECT 206: Electronic Devices I (3)
    - ECT 206L: Electronic Devices I Lab (1)
    - ECT 224: Digital Computer Fund (3)
    - ECT 224L: Digital Computer Fund Lab (1)
    - MCT 215: Statics (3)
    - MCT 215: Statics (3)
    - MTH 169: Calculus II (4)
    - CHM 123: General Chemistry (3)
    - CHM 123L: General Chem Lab (1)
  - **Semester 5**:
    - SET 300: Prof Dev for Juniors (0)
    - ECT 230: Electronic Devices II (3)
    - ECT 230L: Electronic Devices II Lab (1)
    - CMM 100: Principles of Oral Comm. (3)
    - Advanced PHL/REL (Ethics) (3)
    - SSC 200 (3)
  - **Semester 6**:
    - SET 400: Prof Dev for Seniors (1)
    - ECT 306: Electronic Devices II (3)
    - ECT 306L: Electronic Devices II Lab (1)
    - MFG 431: Automation Controls (3)
    - ECT 408: Data Comm (3)
    - IET 317: Industrial Economics (3)
    - MCH 123: General Chemistry (3)
    - CHM 123L: General Chem Lab (1)
  - **Semester 7**:
    - ECT 406: Electronic Devices II (3)
    - ECT 406L: Electronic Devices II Lab (1)
    - ECT 466: Microcomputer Architecture (3)
    - ECT 452: Feedback Controls (3)
    - IET 317: Industrial Economics (3)
    - MCH 123: General Chemistry (3)
    - CHM 123L: General Chem Lab (1)
  - **Semester 8**:
    - ECT 490: Senior Design Project (3)
    - ECT 340: Digital Computer Fund (3)
    - ECT 340L: Digital Computer Fund Lab (1)
    - ECT 358: Microprocessors II (3)
    - ECT 358L: Microprocessors II Lab (1)
    - TECH EL (3)
    - TECH EL (3)
    - Art Study (3)

### Additional Information
- **Corequisites and Electives**:
  - Math
  - Science
  - Technical Elective
  - CAP Common
  - CAP Electives
  - ET Core

* COP 200 may be taken in place of EGR 200

### Notes
- Consult academic advisor for selection of approved common academic program (CAP) and technical elective courses.
- See reverse for course prerequisites.
- Corequisite or concurrent