

Engineering Technology Department

Electronics Engineering Technology Curriculum:

| Curriculum in Electronics Engineering Technology | | | |
|--|-----------|--|-----------|
| Freshman Year | | | |
| FALL SEMESTER | HRS. | SPRING SEMESTER | HRS. |
| FYE 101 Freshman Year Experience | 1 | FYE 102 Freshman Year Experience | 1 |
| ENG 101 Freshman Composition | 3 | ENG 102 Freshman Composition | 3 |
| MATH 153 Calculus I | 3 | SOC 101 Intro. to Social Science | 3 |
| ETC 101 Introduction to Engineering Technology | 2 | ETC 104 Prin. of Electrical Circuits I | 2 |
| ETC 103 Engineering Graphics | 3 | ETC 124 Prin. of Elect. Circuits I Lab | 1 |
| BIOL 113 Principles of Biology | 3 | MATH 154 Calculus II | 3 |
| BIOL 115 Principles of Biology Lab | 1 | HIST 101 Western Civilization | 3 |
| Total Semester Hours: | 16 | Total Semester Hours: | 16 |
| Sophomore Year | | | |
| FALL SEMESTER | HRS. | SPRING SEMESTER | HRS. |
| PHYS 153 General Physics I | 4 | GET 300 Rising Junior Examination | 0 |
| HIST 104 Modern World History | 3 | PHYS 153 General Physics II | 4 |
| EET 201 Prin. of Electrical Circuits II | 2 | EET 202 Electronic Devices I | 3 |
| EET 221 Prin. of Electrical Circuits II Lab | 1 | EET 222 Electronic Devices I Lab | 1 |
| ECON 201 Macroeconomics | 3 | ETC 208 Computer Applications I | 2 |
| ETC 202 Engineering Mat'l & Processing | 2 | ETC 228 Computer Applications I Lab | 1 |
| ETC 222 Engineering Mat'l & Processing Lab | 1 | ENG 200 World Literature | 3 |
| | | MATH 273 Statistics | 3 |
| Total Semester Hours: | 16 | Total Semester Hours: | 17 |
| Junior Year | | | |
| FALL SEMESTER | HRS. | SPRING SEMESTER | HRS. |
| EET 301 Digital System Logic | 3 | EET 302 Instrumentation & Measurement | 2 |
| EET 321 Digital System Logic Lab | 1 | EET 322 Instrumentation & Measure Lab | 1 |
| EET 303 Electronics Devices II | 3 | EET 304 Electrical Circuits & Machines | 3 |
| EET 323 Electronics Devices II Lab | 1 | EET 324 Electrical Circuits & Machines Lab | 1 |
| ETC 303 Computer Application II | 2 | EET 306 Microprocessor Fundamentals | 3 |
| ETC 323 Computer Application II Lab | 1 | EET 326 Microprocessor Fund. Lab | 1 |
| ART 201 Intro. to the Fine and Performing Arts | 3 | ENG 305 Advanced Technical Report Writing | 3 |
| ETC 102 Safety Engineering | 2 | | |
| Total Semester Hours: | 16 | Total Semester Hours: | 14 |
| Senior Year | | | |
| FALL SEMESTER | HRS. | SPRING SEMESTER | HRS. |
| EET 401 Prin. of Circuits Analysis | 2 | ETC 402 Engineering Economy | 2 |
| EET 421 Prin. of Circuits Analysis Lab | 1 | EET Technical Elective | 4 |
| EET Technical Elective | 4 | ETC 430 Senior Project II | 2 |

| | | | |
|---|-----------|------------------------------|------------|
| ETC 410 Senior Project I | 2 | Foreign Language Elective | 3 |
| Foreign Language Elective | 3 | Free Elective | 3 |
| Free Elective | 3 | | |
| Total Semester Hours: | 15 | Total Semester Hours: | 14 |
| TOTAL HOURS NEEDED FOR GRADUATION: | | | 124 |

The following is a list of available Electronics Engineering Technology Technical Electives courses:

| | | Sem.Hrs. |
|---------|---|-----------------|
| EET 402 | Computer-Aided Circuit Design | 3 |
| EET 403 | Automatic Control Systems | 3 |
| EET 405 | Introduction to Communication Systems | 3 |
| EET 422 | Computer-Aided Circuit Design Lab | 1 |
| EET 423 | Automatic Control Systems Lab | 1 |
| EET 425 | Introduction to Communication Systems Lab | 1 |

NOTE: Elective requirements must be approved by the student's advisor.