1. Communications Courses

- ENG 111 Expository Writing
- COM 110 Intro. To Communication

2. Mathematics Courses

- MAT 121 Algebra/Trigonometry I
- MAT 122 Algebra/Trigonometry II
- MAT 123 Applied Calculus

3. Physical & Natural Sciences

- PHY 131 Physics – Mechanics OR PHY 151 College Physics I
- Humanities and Fine Arts Elective (3 Credit Hrs.)

4. Social Sciences & Humanities

- Behavioral and Social Sciences (3 Credit Hrs.)

5. Technical Content

- ELC 138 DC Circuit Analysis
- ELN 133E Digital Electronics
- ELC 135 Electrical Machines I
- ELC 136 Electrical Machines II
- ELC 139 AC Circuit Analysis
- ELC 213 Instrumentation
- ELC 231 Electrical Power Systems
- ELC 234E Electrical System Design
- ELN 137 Electronic Devices & Circuits
- ELC 237 LAN (Ethernet, includes wireless)
- ELN 237 CAD for Electronics
- ELC 234E Electrical System Design
- ELN 150 CAD for Electronics
- DFT 151 CAD I (Design Track only)
- ELN 150 CAD for Electronics
- ELC 138 DC Circuit Analysis
- DFT 153 CAD III

Legend:
- Prerequisite
- Corequisite

NOTE: The Electrical Design Track will also transfer to B.S.E.T. programs; however, students should complete a second Physics class to ensure that he/she is not considered deficient with credit hours in Physics.

ELECTRICAL ENGINEERING TECHNOLOGY CURRICULUM
Electrical Design Track (A40180)

Courses are classified into ABET Criterion 4 categories of:
- Communications
- Mathematics
- Physical & Natural Sciences
- Social Sciences & Humanities
- Technical Content