1. Communications Courses

- ENG 111 Expository Writing
- ENG 114 Professional Research and Reporting
- COM 110 Intro. To Communication

2. Mathematics Courses

- MAT 121 Algebra/Trigonometry I
- MAT 122 Algebra/Trigonometry II
- MAT 223 Applied Calculus

3. Physical & Natural Sciences

- PHY 131 Physics – Mechanics
- PHY 132 Physics – Electricity & Magnetism

4. Social Sciences & Humanities

- Humanities and Fine Arts Elective (3 Credit Hrs.)

5. Technical Content

- ELC 131 DC/AC Circuit Analysis
- ELC 133 Advanced Circuit Analysis
- CSC 133 C Programming
- ELN 132 Linear IC Applications
- ELN 131E Electronic Devices
- ELN 150 CAD for Electronics
- ELC 133E Digital Electronics
- ELN 232 Intro. To Microprocessors
- ELN 236 Fiber Optics & Lasers
- ELN 247 Electronics Application Project
- ELN 275 Troubleshooting
- Technical Elective (3 Credit Hours) See list below.

Legend:

- Prerequisite
- Corequisite

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

Prerequisite Notes:
CIS 110 or CIS 111 is a prerequisite for ELN 150.