



INDUSTRIAL ELECTRONICS TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE

2025-2026

| FALL START | | |
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| | FALL SEMESTER | |
| ETRN 1000 | Occupational Safety | 2 Credits |
| ETRN 1005 | Basic Electricity | 5 Credits |
| ETRN 1205 | Digital Circuits | 5 Credits |
| ETRN 2710 | Introduction to Networking | 3 Credits |
| ETRN 2800 | Electronics Troubleshooting I | 3 Credits |
| | CTS: Basic Electricity TOTAL SEMESTER CREDITS | 18 |
| | SPRING SEMESTER | |
| ETRN 1004 | Microprocessors | 4 Credits |
| ETRN 1105 | Basic Electronics | 5 Credits |
| ETRN 2113 | Introduction to Programmable Controllers | 3 Credits |
| ETRN XXXX | Choose from: ETRN 1100, 1303, 2130, 2620, 2720, 2733, or 2810. | 3 Credits |
| ETRN XXXX | Choose from: ETRN 1100, 1303, 2130, 2620, 2720, 2733, or 2810. | 3 Credits |
| | TOTAL SEMESTER CREDITS | 18 |
| | SUMMER SEMESTER | |
| ETRN 2120 | Communications Principles and Systems | 3 Credits |
| ETRN 2840 | Electronic Troubleshooting II | 3 Credits |
| ETRN XXXX | Choose from: ETRN 1100, 1303, 2130, 2620, 2720, 2733, or 2810. | 3 Credits |
| | TOTAL SEMESTER CREDITS | 9 |
| | FALL SEMESTER | |
| ENGL 1010 | Rhetoric and Composition | 3 Credits |
| MATH 1105 | College Algebra | 3 Credits |
| PHSC 1000 or PHYS 2070 | Physical Science I or Introduction to Physics | 3 Credits |
| Social Science | Choose from General Education courses: Criminal Justice 1010, Anthropology (ANTH), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCL). | 3 Credits |
| Humanities | Choose from General Education Courses: History (HIST); English (ENGL 2XXX) except ENGL 2045 and 2070; or Communications (CMCN) except CMCN 1170, 1270, and 2145. | 3 Credits |
| | Associate of Applied Science: Industrial Electronics Technology TOTAL DEGREE CREDITS | 60 |

DEGREE NOTES

A GRADE OF C or HIGHER IS REQUIRED IN ALL COURSES.

- Note: courses are offered on a rotation and may not be offered on all campuses.
- This degree plan is a planning resource. The program requirements listed in the applicable edition of the college catalog are the official source for all degree requirements. The college reserves the right to alter this resource without notice. OAA 05/25