



INDUSTRIAL ELECTRONICS TECHNOLOGY

TECHNICAL DIPLOMA

2025-2026

FALL START		
	FALL SEMESTER	
ETRN 1000	Occupational Safety	2 Credits
ETRN 1105	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
Technical Diploma: Industrial Electronics Technology		
TOTAL DEGREE CREDITS		45

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 04/25