INDUSTRIAL ELECTRONICS TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE

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**
	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 (SOCI).		3 Credits
Humanites	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 04/25

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