

INDUSTRIAL ELECTRICAL AND ELECTRONIC TECHNOLOGY

Associate of Applied Science in Technology

Prepares students for potential employment as industrial electrical technicians or technicians in consumer electronics, telecommunications, computer, or related fields. This degree requires proof of computer literacy.

Course	Number		Credit Hours
GENERAL EDUCATION			
COMM	1110	Fundamentals of Speech	3
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
HIST	2111 or 2112	United States History	3
MATH	1111	College Algebra	3
MATH	1113	Precalculus	3
POLS	1101	American Government	3
MAJOR FIELD COURSES			
<u>Essential Fundamental Technical Courses</u>			
CAPS	1101	Introduction to Computers	3
ELCT	1005	Direct Current Circuits I	3
ELCT	1065	Alternating Current Circuits I	3
ELCT	1085	Semiconductor Devices & Circuits I	3
MFGT	1207	Industrial Safety	3
OADM	1140	Basic Keyboarding*	1
Elective		GRPH 1120, GRPH 1151	3
<u>Essential Specific Technical Courses</u>			
ELCT	1055	Digital Logic Circuits I	3
ELCT	2025	Intro to Microprocessors	3
<u>Industrial Electronics Technician</u>			
ELCT	2005	Direct Current Circuits II	3
ELCT	2065	Alternating Current Circuits II	3
ELCT	2115	Robotics	2
ELCT	2116	Computer Integrated Manufacturing	2
ELCT	2040	Programmable Logic Controllers	3
ELCT	2075	Motors, Drives, & Controls	3
ELCT	2090	Instrument & Control Systems	2
PHYSICAL EDUCATION			
PHED		Activity Elective	1
		Total	65-69

* Credit by examination may satisfy this requirement.