

Associate In Applied Science Degree

Program

Electrical Systems Technology (ELT)

Degree Type

AAS Degree

Location

Fayette, Hamilton, & Sumiton Campuses

Core Requirements

Item #	Title	Credits
ETC 101	DC FUNDAMENTALS	3
ETC 102	AC FUNDAMENTALS	3
ETC 108	MOTOR CONTROLS I	3
INT 184	INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS	3
WKO 110	NCCER CORE	3
ELT 118	COMMERCIAL/INDUSTRIAL WIRING	3
ELT 241	NATIONAL ELECTRIC CODE	3
ILT 139	INTRODUCTION TO ROBOTIC PROGRAMMING	3
INT 118	FUNDAMENTALS OF INDUSTRIAL HYDRAULICS AND PNEUMATICS	3
ELT 212	MOTOR CONTROL II	3
ILT 196	ADVANCED PROGRAMMABLE LOGIC CONTROLLERS	3
INT 117	PRINCIPLES OF INDUSTRIAL MECHANICS	3
ELT 110	WIRING METHODS	3

CHOOSE TWO

Item #	Title	Credits
INT 134	PRINCIPLES OF INDUSTRIAL MAINTENANCE WELDING AND METAL CUTTING TECHNIQUES	3
AUT 219	PLC Applications	3
ETC 103	SOLID STATE FUNDAMENTALS	3
ETC 104	DIGITAL FUNDAMENTALS	3

General Studies/ORI Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3-4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3
ORI 107	STUDENT SURVIVAL SKILLS	1
	Total Credits	61-62