ELECTRICAL TECHNOLOGY - AAS

Guided Pathway/Map

NOTE: The Guided Pathway below contain all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online

	Course #	Course Name	Sem. Hours
Semester 1	ELT108	DC Fundamentals	3
	ELT110	Wiring Methods	3
	MTH100	Intermediate College Algebra	3
	WKO110	NCCER Core **(NCCER Core Exam)**	3
	ORI 101 ORI105	College Orientation OR Orientation to Student Success	1 – 3
	CIS146	Microcomputer Applications	3
			Semester Total:16 - 18
Semester 2	ELT109	AC Fundamentals	3
	ELT114	Residential Wiring I	3
	ELT117	AC/DC Motors	3
	ENG101	English Composition I	3
	Area II HUMANITIES AND FINE ARTS ELECTIVE	Choose one: ART100 (Art Appreciation) OR MUS101 (Music Appreciation) OR THR120 (Theatre Appreciation)	3
		ELIGIBLE FOR STACKABLE STC **BASIC ELECTRICITY**	Semester Total: 15
Semester 3	ELT221	Motor Controls I	3
	ELT115	Residential Wiring II	3
	ELT118	Commercial/Industrial Wiring I	3
	ELT225	Smart House Wiring	3
		ELIGIBLE FOR STACKABLE STC **RESIDENTIAL WIRING**	Semester Total: 12
Semester 4	ELT209	Motor Controls I	3
	ELT231	Introduction to Programmable Logic Controllers	3
	ELT132	Commercial/Industrial Wiring II	3
	Course #	Course Name	Sem. Hours
	PSY200	General Psychology	3
		ELIGIBLE FOR STACKABLE STC **COMMERCIAL WIRING**	Semester Total: 12
Semester 5	ELT212	Motor Controls II	3
	ELT224	Security and Alarms	3
	SPH106 SPH107	Fundamentals of Oral Communications OR Public Speaking	3
	PHS112	Physical Science	4
	ORI104	Work Keys Assessment and Advisement	1
	WKO106	Work Place Skills	3
	ELT286	CO-OP	1
		ELIGIBLE FOR STACKABLE STC **BASIC INDUSTRIAL ELECTRICITY**	Semester Total: 17
			Program Total: 72-74