

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. *Please refer to your STARS guide or transfer institution for specific course requirements.

	Course #	Course Name	Sem. Hours
Semester 1	ELT108 OR INT101	DC Fundamentals	3
	ELT110	Wiring Methods	3
	MTH116	Mathematical Applications or Higher	3
	WKO110	NCEER Core (NCCER Core Exam)	3
	ORI 101 OR ORT100	College Orientation OR Orientation for Career Success	1
	CIS146	Microcomputer Applications	3
			Semester Total:16
Semester 2	ELT109 OR INT103	AC Fundamentals	3
	ELT114	Residential Wiring Methods I	3
	ELT117	AC/DC Machines	3
	ENG101	English Composition I	3
	Area II	Humanities/Fine Arts Elective	3
			Semester Total: 15
Semester 3	ELT115	Residential Wiring Methods II	3
	ELT118	Commercial/Industrial Wiring I	3
	ELT221	Electronics for Electricians	3
	ELT225	Smart House Wiring	3
			Semester Total: 12
Semester 4	ELT209 OR INT113	Motor Controls I	3
	ELT231 OR INT184	Introduction to Programmable Logic Controllers	3
	ELT132	Commercial/Industrial Wiring II	3
	PSY200	General Psychology	3
	SPH106 OR SPH107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
		ELIGIBLE FOR STC - ELECTRICAL TECHNOLOGY	Semester Total: 15

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Semester 5	ELT212 OR INT 213	Motor Controls II	3
	ELT224	Security and Alarm Systems	3
	PHS 112	Physical Science II	4
		ELIGIBLE for CERTIFICATE – ELECTRICAL TECHNOLOGY	Semester Total: 10
			Program Total: 68

ELECTRICAL TECHNOLOGY – SHORT CERTIFICATE

Guided Pathway/Map

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	Course #	Course Name	Sem. Hours
Semester 1	ELT108 OR INT101	DC Fundamentals	3
	ELT109 OR INT103	AC Fundamentals	3
	ELT110	Wiring Methods	3
	ELT114	Residential Wiring Methods I	3
			Semester Total:12
Semester 2	ELT117	AC/DC Machines	3
	ELT209 OR INT113	Motor Controls I	3
	ELT231 OR INT184	Introduction to Programmable Logic Controllers	3
	ELT118	Commercial/Industrial Wiring I	3
			Semester Total: 12
		ELIGIBLE FOR STC - ELECTRICAL TECHNOLOGY	Program Total: 24