

Electrical Technology, A.A.S.

The Electrical Technology program prepares individuals to apply technical knowledge and skills to install, operate, maintain, and repair electric apparatus and systems such as residential, commercial, and industrial electric-power wiring; and DC and AC motors, controls, and electrical distribution panels.

Program: [Electrical Technology](#)

Type: Associate in Applied Science

Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3

Area II: Humanities and Fine Arts

Item #	Title	Credits
	SPH 106 OR SPH 107	3
	Humanities/Fine Arts Elective	3

Area III: Natural Sciences and Mathematics

Item #	Title	Credits
	MTH 116 or higher	3
PHS 112	Physical Science II	4

Area IV: History, Social and Behavioral Sciences

Item #	Title	Credits
PSY 200	General Psychology	3

Area V: Career and Technical Courses

Item #	Title	Credits
	ORT 100 OR ORI 101	1
CIS 146	Microcomputer Applications	3
WKO 110	NCCER Core	3
	ELT 108 OR INT 101	3
	ELT 109 OR INT 103	3
ELT 110	Wiring Methods	3
ELT 114	Residential Wiring Methods I	3
ELT 115	Residential Wiring Methods II	3
ELT 117	AC/DC Machines	3
ELT 118	Commercial/Industrial Wiring I	3
ELT 132	Commercial/Industrial Wiring II	3
	ELT 209 or INT 113	3
	ELT 212 or INT 213	3
ELT 221	Electronics for Electricians	3
ELT 224	Security and Alarm Systems	3
ELT 225	Smart House Wiring	3
	ELT 231 OR INT 184	3
	Total credits:	68

Course Sequencing

Electrical Technology Associate in Applied Science Degree Suggested Course Sequence First Semester

Item #	Title	Credits
CIS 146	Microcomputer Applications	3
	ELT 108 OR INT 101	3
ELT 110	Wiring Methods	3
	MTH 116 or higher	3
	ORT 100 OR ORI 101	1
WKO 110	NCCER Core	3

Electrical Technology Associate in Applied Science Degree Suggested Course Sequence Second Semester

Item #	Title	Credits
	ELT 109 OR INT 103	3
ELT 114	Residential Wiring Methods I	3
ELT 117	AC/DC Machines	3
ENG 101	English Composition I	3
	Humanities/Fine Arts Elective	3

Electrical Technology Associate in Applied Science Degree Suggested Course Sequence Third Semester

Item #	Title	Credits
ELT 115	Residential Wiring Methods II	3
ELT 118	Commercial/Industrial Wiring I	3
ELT 221	Electronics for Electricians	3
ELT 225	Smart House Wiring	3

Electrical Technology Associate in Applied Science Degree Suggested Course Sequence Fourth Semester

Item #	Title	Credits
ELT 132	Commercial/Industrial Wiring II	3
	ELT 209 or INT 113	3
	ELT 231 OR INT 184	3
PSY 200	General Psychology	3
	SPH 106 OR SPH 107	3

Electrical Technology Associate in Applied Science Degree Suggested Course Sequence Fifth Semester

Item #	Title	Credits
	ELT 212 or INT 213	3
ELT 224	Security and Alarm Systems	3
PHS 112	Physical Science II	4