

# Electrical Technology

## Program

Electrical Technology

## Degree Type

Associate in Applied Science (AAS)

## Basic Electricity Term

Item #	Title	Credits
WKO 110	NCCER CORE	3
ILT 118	CONSTRUCTION WIRING NEC	3
ILT 160	DC FUNDAMENTALS	3
ILT 161	AC FUNDAMENTALS	3
	MTH 100 or MTH 110	3

## Solid State Term

Item #	Title	Credits
ILT 162	SOLID STATE FUNDAMENTALS	3
ILT 166	MOTORS AND TRANSFORMERS I	3
ELT 117	AC/DC MACHINES	3
ELT 122	Advanced AC/DC Machines	3
ENG 101	ENGLISH COMPOSITION I	3

## Third Term

Item #	Title	Credits
ILT 109	ELECTRICAL BLUEPRINT READING I	3
ILT 115	INDUSTRIAL CONTROLS	3
ILT 231	National Electric Code	3
ILT 209	MOTOR CONTROLS I	3
	Natural Science or Mathematics Elective	3

## Fourth Term

Item #	Title	Credits
ELT 110	WIRING METHODS	3
ELT 131	WIRING 1 COMMERCIAL AND INDUSTRIAL	3
ELT 132	COMMERCIAL AND INDUSTRIAL WIRING II	3
ELT 206	OSHA SAFETY STANDARDS	3
	Humanities and Fine Arts Elective	3

## Fifth Term

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ILT 104	INDUSTRIAL INSTRUMENTATION	3
ILT 105	INDUSTRIAL INSTRUMENTION LAB	2
ILT 240	SENSORS TECHNOLOGY AND APPLICATIONS	3
ILT 263	CERTIFICATION PREP LAB	1
	Social and Behavioral Sciences Elective	3
	<b>Total Credits</b>	<b>72</b>