

**Electrical Technology (ELT)**  
**Associate in Applied Science**  
**M.A.P.**

Semester	Suggested Courses	Semester(s) Offered	Credit Hrs.
<b>Semester 1</b> 16 credit hours	ELT 100 <i>or</i> Applied Electronic Computation <i>or</i> ILT 100 Applied Electronic Computations	Fall, Spring*	3
	ELT 111 Concepts of Direct Current	Fall, Spring*	5
	WKO 110 NCCER Core	Fall*	3
	MTH 100 <i>or</i> Intermediate College Algebra <i>or</i> MTH 116 Mathematical Applications	Fall, Spring, Summer	3
	ORI 101 Orientation to College	Fall, Spring, Summer	2
<b>Semester 2</b> 14 credit hours	ELT 112 Concepts of Alternating Current	Spring*	5
	ELT 110 Wiring Methods	Spring*	3
	ELT 114 Residential Wiring Methods	Spring,*	3
	ENG 101 English Composition I	Fall, Spring, Summer	3
<b>Semester 3</b> 9 credit hours <i>ELT Level 1 Short-Term Certificate Achieved</i>	ELT 241 National Electric Code	Summer*	3
	ELT 118 Commercial/Industrial Wiring I	Summer*	3
	SPH 106 <i>or</i> Fundamentals of Oral Communication <i>or</i> SPH 107 Fundamentals of Public Speaking	Fall, Spring, Summer	3
<b>Semester 4</b> 12-13 credit hours	ELT 117 AC/DC Machines	Fall, Spring*	3
	ELT 246 Advanced Electrical Raceways	Fall*	3
	ELT 209 <i>or</i> Motor Controls I <i>or</i> ILT 197 Motor Controls I	Summer* Fall	3
	Area III Math or Natural Science Elective	Fall, Spring, Summer	3-4
<b>Semester 5</b> 15 credit hours <i>ELT Level 2 Short-Term Certificate Achieved</i>	ELT 217 Transformers	Spring*	3
	ELT 242 Journeyman-Master Prep Exam	Spring*	3
	ELT 230 Programmable Controls	Spring*	6
	Area IV History or Social/Behavioral Science	Fall, Spring, Summer	3
<b>Semester 6</b> 8 credit hours <i>ELT AAS Degree Achieved</i>	ILT 115 Advanced Industrial Controls	Spring, Summer*	3
	ILT 116 Advanced Industrial Controls Lab	Spring, Summer*	2
	Area II Fine Art or Humanities	Fall, Spring, Summer	3

\*Course(s) may be offered in additional semester, but are only assured to run in semester(s) indicated. It is **highly** recommended for course(s) to be completed in the semester(s) indicated.

Part-time and full-time students desiring to begin the ELT program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.