

**Electrical Technology (ELT)
 Certificate
 M.A.P.**

Semester	Suggested Courses	Semester(s) Offered	Credit Hrs.
Semester 1 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
Semester 2 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
Semester 3 9 credit hours <i>ELT Level 1 STC 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
Semester 4 9 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
	ELT 217 Transformers	Spring*	3
Semester 5 9 credit hours <i>ELT Certificate Achieved</i>	ELT 230 Programmable Controls	Spring*	6

*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.