

**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> ILT 100	Applied Electronic Computation <i>or</i> Applied Electronic Computations	Fall, Spring*	3
	ELT 111 <i>or</i> ILT 106	Concepts of Direct Current <i>or</i> Concepts of Direct Current	Fall, Spring*	5
	MTH 100 <i>or</i> MTH 116	Intermediate College Algebra <i>or</i> Mathematical Applications	Fall, Spring, Summer	3
	ORI 101	Orientation to College	Fall, Spring, Summer	2
Semester 2 14 credit hours	ELT 112 <i>or</i> ILT 107	Concepts of Alternating Current <i>or</i> 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
	ILT 111	Concepts of Digital Electronics (Recommended ELT/ILT Elective)	Summer*	5
	SPH 106 <i>or</i> SPH 107	Fundamentals of Oral Communication <i>or</i> Fundamentals of Public Speaking	Fall, Spring, Summer	3
Semester 4 9 credit hours	ELT 117 <i>or</i> ILT 167	AC/DC Machines <i>or</i> AC/DC Machinery and Controls I	Fall, Spring*	3
	ELT 246	Advanced Electrical Raceways	Fall*	3
	ELT 209 <i>or</i> ILT 197	Motor Controls I <i>or</i> 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
Total Hours				57-59

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

Part-time students 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.