

# ELECTRICAL FUNDAMENTALS CERTIFICATE 30644

Course	Requirement Field	Credits	Notes
<b>Fall - 1st Semester</b>			
ELT 110 Electricity and Electronics	Curriculum Required	3	Fall only
ELT 111 DC Electrical Systems	Curriculum Required	3	Fall only Class taught 1 <sup>st</sup> 8 weeks
ELT 112 AC Electrical Systems	Curriculum Required	3	Fall only Class taught 2 <sup>nd</sup> 8 weeks
TEC 112 Basic Hydraulics and Pneumatics	Curriculum Required	2	Fall only
TEC 133 Safety Practices for Industry	Curriculum Required	1	Fall only
<b>Total Hours</b>		<b>12</b>	

Course	Requirement Field	Credits	Notes
<b>Spring - 2nd Semester</b>			
ELT 115 Conduits and Raceways	Curriculum Required	3	Spring only
ELT 251 National Electric Code	Curriculum Required	3	Spring only
<b>Total Hours</b>		<b>6</b>	

<b>Total Hours</b>	18
Total Curriculum Required	18

**Notes:** The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.

**All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.**