

ELECTRICAL APPRENTICESHIP PREPARATION - CERTIFICATE OF ACHIEVEMENT

Plan Code: 3954

This program will prepare students for entry into union electrical apprenticeship programs. Emphasis is placed on successful electrical calculations, safety, and the ability to document testing procedures. This is a stand-alone Certification of Achievement and is not part of the Certificates of Achievement required for the Electrical Technology Certificate of Achievement. Limitation on Enrollment - New students must enroll in and complete an ELECT 600 course prior to enrollment. The program requisite is in place to ensure the safety and health awareness of LBCC electrical students.

Program Student Learning Outcomes

- Demonstrate the ability to solve basic electrical calculations and communicate results in detailed summary reports.

Program Requirements

Code Number	Course Title	Units
REQUIRED COURSES		
ELECT 204	First Semester Fundamentals of DC Electricity	4
ELECT 225	Algebra and Trigonometry for Technicians	4
ELECT 240	Introduction to National Electrical Code	3
ELECT 253	OSHA Standards for Construction Safety	2
ELECT 275	Electrical Pipe Bending	1
Total Units		14