

NON-RESIDENTIAL LIGHTING TECHNICIAN (CERT)

CERTIFICATE OF ACHIEVEMENT

The Certification of Achievement in Non-Residential Lighting Technician Certificate will prepare the student to become a journeyman in electrical construction. Construction is one of the largest industries, offering excellent opportunities for high earnings, career advancement, and business ownership. In today's workforce, having an industry certificate and journeyman license is required for employment in these positions.

Program Student Learning Outcomes

- Identify the types of electrical loads for use in Non-Residential jobs.
- Identify the types of conductors used in wiring systems.
- Understand the use of distribution equipment, including grounding, maintenance, and identification

Program Requirements

Students will complete the following courses:

Code Number	Course Title	Units
ELAP 90.01	Introduction to Energy Surveying	2.0
ELAP 90.02	Basic Electricity and Wiring Fundamentals	2.0
ELAP 90.03	Introduction to Lighting Retrofits	2.0
ELAP 90.08	Solar Energy	3.0
ELAP 90.09	Solar Panel Installation	3.0
ELAP 90.10	Cerritos Student Orientation Motivation Education and Training (COMET)	2.0
ELAP 90.11	Introduction to Electrical Vehicles	2.0
ELAP 90.22	OSHA-10/30 General Training	1.5
Total Units		17.5