

NON-CREDIT: FOREMAN DEVELOPMENT LEVEL II FOR ELECTRICIANS

Program Description

The Certificate of Completion in Foreman Development Level II for Electricians is part of a partnership with Cupertino Electric, Inc. to offer a Continuing Education program to their electricians. The program covers National Electrical Code (NEC) updates, OSHA, construction and workplace safety practices, NFPA 70E, soft skills, project management, and more. The program provides electricians with the necessary 32 hours of continuing education every three years for license renewal and ensures electricians are up-to-date with code changes, safety standards, and emerging technologies.

Program Learning Outcomes

- Apply, evaluate, and adjust project approach to comply with the latest NEC updates.
- Establish safe work conditions.
- Demonstrate proper lockout/tagout (LOTO) procedures.
- Identify the appropriate Personal Protective Equipment (PPE) categories based on specific hazards.
- Articulate the proper emergency response protocols for electrical shock victims, including release methods and CPR/AED awareness.
- Understand schedule management creation and expectations.
- Recognize workplace hazards and environmental conditions that affect operations.
- Demonstrate safe operating procedures, including starting, driving, maneuvering, lifting, and parking with company equipment.
- Communicate and coordinate with teams on project deliveries.
- Understand the different resources available at Cupertino Electric to help deliver project success (PreFab, BIM, Constructability & Support Center).
- Demonstrate how to read blueprints and specifications for all trades disciplines involved in the project construction.
- Understand the estimated cost of a project and set expectations to manage project deliverables.
- Deliver final project to customers per specification and drawings and ensure the QA/QC process is followed and executed.
- Apply soft skills to lead crews for safe and positive outcomes.

Award Type(s)

- CC = Certificate of Completion

Hours Required

- Certificate(s): 93.5-112

Certificate Requirements

Foreman Development Level II for Electricians Certificate of Completion

- Hours: 93.5-112 [Non-Transcriptable]

Code	Title	Units
JRYM 403A	INTRODUCTION TO QA/QC & BIM 360	2
JRYM 403B	BLUEBEAM REVU - REDLINING PROFILE OVERVIEW	4
JRYM 403C	BIM PROCESS TRAINING (ILT)	3
JRYM 403D	BLUEBEAM - BEGINNER (ILT)	6
JRYM 406B	SCHEDULING - INTERMEDIATE (ILT)	6
JRYM 408	FOREMAN DEVELOPMENT: INTERMEDIATE LEVEL	21
JRYM 408B	EQUIPMENT TRACKING PORTAL TRAINING: PRODUCTION/RATCHET STRAP SAFETY/LOAD SECUREMENT - SUPPORT CENTER	1.25
JRYM 409A	NFPA 70E	7
JRYM 409B	MOTOR CONTROLS (ILT)	6
JRYM 410	COMPUTER SKILLS & RELATED FORMS (ILT)	3
JRYM 411	METERING WORKSHOP (ILT)	3
JRYM 412	SEISMIC WORKSHOP (ILT)	3
JRYM 413	UNDERGROUND TRAINING (ILT)	3
JRYM 414	LIGHTING CONTROLS (ILT)	3
JRYM 415	PROFESSIONAL COMMUNICATION IN THE FIELD (ILT)	1
JRYM 417	INSTALLATION STD: TRANSFORMER/QUICK PULL/OHMCB/FEEDER CABLE ORDERING/ ASSEMBLED WALL ROUGH/ACCESSING	1-4
JRYM 418	5X5 TRAINING: SAFETY/PRODUCTION/ SCHEDULING/COST CONTROL/QAQC	1-2
JRYM 423	DEPARTMENT OF TRANSPORTATION (DOT) TRAINING/BASIC DRIVER TRAINING	1-2.5
JRYM 423A	RIGGING & INSTALLATION TECHNIQUES (ILT)	6
JRYM 426	PRE-TASK PLANNING/STANDARD WORK INSTRUCTIONS/JOB HAZARD ANALYSES & PERSONAL RISK ASSESSMENTS	1
JRYM 426G	SAFE CABLE PULLING, EQUIPMENT SELECTION & OPERATING FUNDAMENTALS	1.25
JRYM 427B	HEAT ILLNESS PREVENTION/HEAT ILLNESS FOR SUPERVISOR TRAINING	1-1.5
JRYM 429	TRENCHING & EXCAVATION: HAZARD AWARENESS/COMPETENT PERSON/COMPETENT PERSON T-T	2.5-15
JRYM 432	FALL PROTECTION: COMPETENT PERSON/ COMPETENT PERSON TRAINER	5
JRYM 434K	ELECTRICAL SAFETY - ARC FLASH & SHOCK HAZARDS	1.5
Total Hours		93.5-112