

NON-CREDIT: FOREMAN DEVELOPMENT LEVEL I FOR ELECTRICIANS

Program Description

The Certificate of Completion in Foreman Development Level I 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): 97-120.10

Certificate Requirements

Foreman Development Level I for Electricians Certificate of Completion

- Hours: 97-120.10 [Non-Transcriptable]

Code	Title	Units
JRYM 401	FUNDAMENTAL FOREMAN DEVELOPMENT	36
JRYM 401A	FFD: INTRODUCTION TO SAFETY/SAFETY PLANNING/HECP/JOB START MEETINGS/MANAGING PRIORITIES	1-4.5
JRYM 401D	SOUND & COMMUNICATION FOREMAN DEVELOPMENT	21
JRYM 401E	FOREMAN TRAINING: BACK TO BASICS (ILT)	3
JRYM 404	LABOR TRACKING (ILT)	3
JRYM 404A	LABOR PERFORMANCE MANAGEMENT: BUDGETING/TRACKING & REPORTING	1-1.6
JRYM 406A	SCHEDULING - BEGINNER (ILT)	6
JRYM 408C	SST: TOOLS & EQUIPMENT	1
JRYM 408D	SST: WORKPLACE VIOLENCE AWARENESS	1
JRYM 408E	SST: MOST COMMON INJURIES & SAFE PATH OF TRAVEL	1
JRYM 408J	SST: PLANNING FOR SAFETY/SMARTTAGIT	1-1.5
JRYM 408K	SST: HOW TO MANAGE & REPORT AN INCIDENT	1
JRYM 409	NFPA 70: NEC CODE CHANGES (ILT)	6
JRYM 410A	MICROSOFT TEAMS (ILT)	1.5
JRYM 410B	PLANGRID (ILT)	3
JRYM 421	BOOM LIFT (MEWP) OPERATOR/OPERATOR RENEWAL/OPERATOR FOR TRAINER	1-8
JRYM 424	HILTI/NON-HILTI POWDER-ACTUATED TOOL OPERATOR/HILTI LASER TOOL OPERATOR	1-5
JRYM 425	CEI LOTO (LOCKOUT/TAGOUT)	1.5
JRYM 426D	LADDER SAFETY/LADDER SAFETY T-T-T	1-1.5
JRYM 427	SCISSOR LIFT (MEWP) OPERATOR/OPERATOR RENEWAL/OPERATOR TRAINER T-T-T/SUPERVISOR TRAINING	1-8
JRYM 433	FIRST AID/CPR/AED	4
JRYM 434G	CONSTRUCTION ELECTRICAL SAFETY HAZARDS	1
Total Hours		97-120.10