



# Electrical Program

## Levels 1 through 4

### California State Approved



#### Central California Chapter

##### Electrical Level 1 / Year 1

- 00101-09 Basic Safety
- 00102-09 Intro to Construction Math
- 00103-09 Intro to Hand Tools
- 00104-09 Intro to Power Tools
- 00105-09 Intro to Construction Drawings
- 00106-09 Basic Rigging
- 00107-09 Basic Communication Skills
- 00108-09 Basic Employability Skills
- 00109-09 Intro to Materials Handling
- 26101-11 Orientation to the Electrical Trade
- 26102-11 Electrical Safety
- 26103-11 Intro to Electrical Circuits
- 26104-11 Electrical Theory
- 26105-11 Intro to National Electrical Code
- 26106-11 Device Boxes
- 26107-11 Hand Bending
- 26108-11 Raceways and Fittings
- 26109-11 Conductors and Cables
- 26110-11 Basic Electrical Construction Drawings
- 26111-11 Residential Electrical Services
- 26112-11 Electrical Test Equipment

##### Electrical Level 2 / Year 2

- 26201-11 Alternating Current
- 26202-11 Motors: Theory and Application
- 26203-11 Electric Lighting
- 26204-11 Conduit Bending
- 26205-11 Pull and Junction Boxes
- 26206-11 Conductor Installations
- 26207-11 Cable Tray
- 26208-11 Conductor Terminations and Splices
- 26209-11 Grounding and Bonding
- 26210-11 Circuit Breakers and Fuses
- 26212-11 Control Systems and Fundamental Concepts
- 26501-09 Managing Electrical Hazards

##### Electrical Level 3 / Year 3

- 26301-11 Load Calculations - Branch and Feeder Circuits
- 26302-11 Conductor Selection and Calculations
- 26303-11 Practical Applications of Lighting
- 26304-11 Hazardous Locations
- 26305-11 Overcurrent Protection
- 26306-11 Distribution Equipment
- 26307-11 Transformers
- 26308-11 Commercial Electrical Services
- 26309-11 Motor Calculations
- 26310-11 Voice, Data, and Video
- 26311-11 Motor Controls
- 33303-04 Fiber Optics

##### Electrical Level 4 / Year 4

- 26401-11 Load Calculations - Feeders and Services
- 26402-11 Health Care Facilities
- 26403-11 Standby and Emergency Systems
- 26404-11 Basic Electronic Theory
- 26405-11 Fire Alarm Systems
- 26406-11 Specialty Transformers
- 26407-11 Advanced Controls
- 26408-11 HVAC Controls
- 26409-11 Heat Tracing and Freeze Protection
- 26410-11 Motor Operation and Maintenance
- 26411-11 Medium - Voltage Termination Splices
- 26412-11 Special Locations
- 46101-11 Fundamentals of Crew Leadership

- **Students are required to purchase their own 2011 NEC Code book for Electrical Levels 1 through 4.**

*For Further Information and or to download applications visit: [www.abccentralcal.org](http://www.abccentralcal.org)*

*Please Fax applications to: 661 – 392 – 9076*

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