

# Qualified Electrical Workers – General

Courses to meet OSHA 1910.332 Standard

## OSHA 1910.332

### General: Required Lessons

NFPA 70E (Arc Flash) 2024		Electrical Faults and Current Ratings	418-01
Introduction to OSHA	101-70	Overcurrent Protection, Fuses, and Breakers	418-02
Portable Power and Hand Tool Safety	102-03	Wire and Cable Management	421-01
Lockout/Tagout	105-01	Making Connections in a Junction Box	421-03
Electrical Safety	107-01	Medium Voltage Splices and Terminations	423-02
Energized Electrical Equipment Safety	107-02	Multimeter	605-01
Arc Flash Hazard Basics	107-03	Introduction to Engineering Drawings	611-01
General Concepts and Job Briefings	140-01	Electrical Drawings	611-03
Electrical Clearances	140-09		

## Electrical Theory

These courses provide a foundation for workers who do not have an electrical background.

Industrial Math: Measurements and Calculations	170-02	Determine Circuit Outputs from Specified Inputs	401-05
Industrial Math: Fractions, Percentages, and Ratios	170-03	Introduction to Alternating Current (AC)	402-01
Electron Theory	401-01	Ohm's and Kirchoff's Laws Involving AC Circuits	402-02
Magnetism and Electromagnetism Explained	401-02	Fundamentals of Three-Phase AC	402-07
Ohm's and Kirchoff's Laws Relating to DC Circuits	401-03	Transformer Basics	415-01
Evaluating Series and Parallel DC Circuit Performance	401-04		

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