



Qualified Electrical Workers

Courses to Meet OSHA QEWS Standards

Online Training

QEWS Course List

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| Grounding | QEWS | Electron Theory | 401-01 |
| Hand and Portable Power Tools | 102-03 | Magnetism and Electromagnetism Explained | 401-02 |
| Ladders, Platforms, Step Bolts, and Manhole Steps | QEWS | Ohm's and Kirchoff's Laws Relating to DC Circuits | 401-03 |
| Medical Services and First Aid | QEWS | Evaluating Series and Parallel DC Circuit Performance | 401-04 |
| Personal Protective Equipment | QEWS | Determine Circuit Outputs from Specified Inputs | 401-05 |
| Special Conditions and Material Handling | QEWS | Lockout/Tagout | 105-01 |
| Testing and Test Facilities | QEWS | Electrical Safety | 107-01 |
| Working On or Near Exposed, Energized Parts | QEWS | Energized Electrical Equipment Safety | 107-02 |
| General Concepts and Job Briefings | 140-01 | Arc Flash Hazard Basics | 107-03 |
| Enclosed Spaces | 140-04 | Introduction to Centrifugal Pumps | 219-01 |
| Electrical Clearances | 140-09 | Pump Troubleshooting | 219-10 |
| Mechanical Equipment | 140-11 | Pump Internal Inspection and Troubleshooting | 219-12 |
| OSHA Electrical Requirements - CFR 1910 Subpart S, less than 600 volts | 101-70 | | |

Recommended additional courses:

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| NFPA 70E (Arch Flash) 2021 | |
| Industrial Mathematics | 170-02, 170-03 |
| Three Phase Power Theory | 402-07 |
| Three Phase Motor Operation | 409-01 |
| Basic Plant Circuitry | 565-03, 611-01, 611-02, 611-03, 611-04 |
| Sizing Transformers | 415-01, 415-02, 415-03, 560-04 |
| Fuses and Breakers | 417-03, 418-02, 417-05, 560-03 |
| Purpose of Overcurrent Protection | 418-01 |
| Splicing and Terminations | 423-02 |
| Connections | 421-03 |
| Raceway Sizing and Applications, Cabling, Cable Tray Requirements, Cable Locations and Labeling, Color Code Requirements | 421-01 |
| Understanding Power Quality Issues and How Power Quality Issues Destroy Equipment | 405-01 |
| Hazardous Locations Class I, II, and III | 417-04, 613-4 |



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