

OSHA Safety for Electricians (Online)

Utah

COURSE OUTLINE

Credit Hours	4 Hours
Course Timetable	Attached
Course Description	This course covers OSHA standards for workplace safety that are applicable to electricians working in construction and general industry. The course covers three main sections: top violations cited by OSHA, non-electrical workplace safety hazards electricians may encounter, and electrical specific safety hazards. Links to OSHA are included along with downloadable safety quick cards and other job aids.
Course Objectives	After completing this course, participants will be aware of common safety hazards will face on the job and the applicable OSHA standards to each hazard.
Method of Presentation	This section consists of commentary, graphics, illustrations, and multiple choice questions. The multiple choice questions are based on what is learned in the activity modules. After all questions have been answered, participants must complete an attestation statement to affirm their identities and veracity of the course completion.
Method of Evaluation	The course participant must complete all 50 multiple choice questions with a score of at least 75% in order to receive credit for the course. Credit will not be awarded unless the participant has completely answered all questions and met or exceeded the 75% accuracy benchmark. The course is also timed; participants will not get credit until they spend at least 200 active minutes in the course (50 minute credit hours).
Qualification of Instructor	Resume of course instructor, David Burt, is attached.

OSHA Safety for Electricians		
Question	Section	Time (minutes)
Top Violations Cited by OSHA		
1	Introduction to OSHA Safety	4
2	OSHA and You	5
3	Choosing the standard that applies	4
4	General duty clause	5
5	Inspection process	4
6	Citations and penalties	4
7	Recording responsibilities	5
8	What is recordable and what is not?	4
9	Most violated standards in 2012	5
10	Fall protection: when is it required?	4
11	Fall protection: types of protection systems	4
12	Fall protection: safety net systems	5
13	Fall protection: warning lines	4
14	Fall protection: controlled access zones	5
15	Unguarded protruding steel rebar	4
16	Scaffolding: general requirements	4
17	Scaffolding: inspection	5
18	Ladders: general requirements	4
19	Ladders: portable ladder safety	5
20	Stairways	4
Non-Electrical Workplace Safety Hazards		
21	Respiratory protection: general requirements	4
22	Selecting the right respirator	5
23	Enclosed and confined spaces	4
24	Head protection: general requirements	5
25	Head protection: types	4
26	Noise protection	4
27	Electrical work ergonomics	5
28	Hazard communication standard	4
29	Major changes to the hazard communication standard in 2012	5
30	Powered industrial trucks	4
31	Machines and machine guarding	4
32	Trenching and excavation: general requirements	5
33	Trenching and excavations: protective systems	4
34	Trenching and excavations: safe work practices	5
Electrical Workplace Safety Hazards		
35	Control of hazardous energy (lockout/tagout): general requirements	4
36	Lockout tagout: employee responsibilities	4
37	Electrical safety on our near energized parts	5
38	Subcontractors and electrical safety	4
39	Electrical wiring methods, components and equipment	5

40	Install and use equipment according to listing or labeling	4
41	Sufficient working space	4
42	Guarding of live parts	5
43	Maintain workplace free from recognized electrical hazards	4
44	Identification of disconnecting means	5
45	Path to ground missing or discontinuous	4
46	Lack of ground fault protection	4
47	Identification of conductors	5
48	Polarity of connections	4
49	Cabinets, boxes and fittings	5
50	Improper use of extension and flexible cords	4
	Total Time (in minutes)	220
	Total Requirement (in minutes)	200