

2021 NFPA 70E, Electrical Safety in the Workplace Syllabus

Instructor Information

David M. Richards

drichards@gslelectric.com

7044 S Commerce Park Dr,
Midvale, UT 84047. Class dates
and hours will be scheduled as
needed.

Instructor Name

Email address

Location, Hours, Days

General Information

Description

The class will review the current Edition of the NFPA 70E Electrical Safety in the Workplace, how it applies to regulatory agency standards, electrical hazards, creating an electrically safe work condition, PPE limitations, and how to obtain information relating to incident energy potentials.

Expectations and Goals

Electrical workers will better understand the different types of electrical hazards in the workplace that include electrical shock, arc flash, and arc blast hazards. Employees will also gain a general understanding of the 2021 NFPA 70E, Standard for Electrical Safety in the Workplace, employer & employee responsibilities, and the methods to reduce or eliminate the exposures to those electrical hazards.

Course Materials

Required Materials

Students must bring their own copy of the current edition of the 2021 NFPA 70E.

- Blank paper for personal notes
- Writing utensils for personal notes

Course Schedule

Day	Topic	Reading	Materials Used
Day 1	NFPA 70E	OSHA & The NFPA 70E	PPT & classroom discussion
Day 1	Electrical shock, Arc Flash, Arc Blast	(General electrical hazards)	PPT & classroom discussion
Day 1	Responsibility	Section 105.3	PPT & classroom discussion
Day 1	General Requirements for Electrical Safety-Related Work Practices	Section 110	PPT & classroom discussion
Day 1	Establishing an Electrically Safe Work Condition	Section 120	PPT & classroom discussion

Day	Topic	Reading	Materials Used
Day 2	Work Involving Electrical Hazards	Section 130	PPT & classroom discussion
Day 2	Special Equipment	Section 300	Inform students of section 300 and the types of special equipment they may encounter.
Day 2	Informative Annexes	A-R	Inform students of the informative annexes that may assist them in meeting the NFPA 70E requirements.

Notes: