

IOWA CERTIFIED CLASSES FOR STATE LICENSING



Dave Sullivan, Instructor

3E Iowa City | 303 Southgate Dr. Iowa City, IA 52240

The following classes include dinner. Select the box(es) of the class(es) you will be attending.

November 11, 2021 2pm-8pm | \$130 *Dinner & Beverages Included*

Dwelling Wiring-- 6 CEU

Wiring a dwelling from start to finish. What you need to do and why to complete a dwelling per code.

December 9, 2021 2pm-8pm | \$130 *Dinner & Beverages Included*

Arc Flash and Grounding & Bonding-- 3hrs code, 3hrs non-code

A basic understanding of what Arc Flash is, how it got started, and what program should be initiated at the contractor and industrial level. We concentrate on short circuit, codes and standards, mitigation strategies, and ways to limit the hazard and liability. This class covers the NEC Article 250 Grounding and Bonding rules that apply to Residential, Commercial, and Industrial locations. Learn the wiring techniques that are used to satisfy the Electrical Inspectors, NEC, and your customers to have a safe electrical system.

January 13, 2022 2pm-8pm | \$130 *Dinner & Beverages Included*

1&2 Family Dwellings and Most Common Inspector Violations-- 6CEU

Discussion on code requirements for wiring residential homes, duplexes, and zero lot line residents. Covers all including service, grounding, AFCI, GFCI, circuits, and other points to consider when bidding or wiring these dwellings. The most common violations from the Electrical Inspectors and the most common mistakes that are made in the wiring of new facilities. These include Dwelling and Non-Dwellings and require the students to be involved in the problems and solutions.

February 10, 2022 2pm-8pm | \$130 *Dinner & Beverages Included*

Ground Fault Circuit Interrupters vs Arc Fault and Proper Use of Fuses and Circuit Breakers-- 4hrs code, 2hrs non-code

This class covers the history, differences, uses, and reasons the code has them in and where. It also makes the student understand why they have to use these, where to use them, and troubleshooting techniques. How fuses and circuit breakers are used in different settings has a lot to do with protection of IEC equipment and Arc Flash ratings. We discuss how fuses and circuit breakers clear a fault, proper sizing, and troubleshooting. Also discussed are different fuse classes (UL) and new breaker techniques.

TOTAL: \$ _____

Pre-registration is appreciated, as space is limited. Please send this document to Teresa Gear teresa.gear@3e-co.com, Cory Kessler cory.kessler@3e-co.com OR your 3E Sales Representative

Company Name:		
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