



Registered Electrician

Continuing Education Classes

These classes have been developed to provide flexible, interesting, and useful training for Registered Electricians looking to complete continuing education hours.

Each of the 5 classes consist of 2 sessions, each 2.5 hours long. Take all of the classes and you will complete the yearly requirement of 24 hours of Continuing Education Units required for Registered Electricians! These are independent classes - take one, mix and match depending on your needs, or take them all!

Although these classes are designed for the registered electrician, these classes are approved for CEU hours for journeyworkers and masters and for Unpaid Related Instruction Hours for apprentices.

Taught By: Bill Neitzel

Location:

ABC of WI Training Center, 5330 Wall St., Madison, WI

Cost:

Members & Apprentices: Classes are \$59 each.
 Sign up for 2-4 classes, and they are \$55 each.
 Sign up for all 5, and they are only \$50 each!

Non-Members: Classes are \$75 each.
 Sign up for 2-4 classes, and they are \$69 each.
 Sign up for all 5, and they are only \$60 each!

Additional Info: Please bring a copy of the 2011 NEC® and a calculator to class.

3 Easy Ways to Register

1. Call the ABC office at 800-829-9926 or 608-244-6056
2. Register online at www.abcwi.org/events or [click here](#).
3. Mail/Fax a copy of the registration and payment to: ABC of WI, 5330 Wall St, Madison, WI 53718. Fax: 608-244-2401

Attendee Name: _____ Phone Number: _____

Company Name: _____ Email: _____

Member or Apprentice Non-Member. Member who invited you: _____

Please check the class(es) you would like to register for:

Electrical Safety Electrical Theory-Foundations Electrical Theory-Circuits and Ohm's Law Alternating Current NEC Review

Amount Due \$ _____

VISA MasterCard AMEX Discover Card # _____ Exp. _____ CSV Code: _____

Electrical Safety

Tuesdays, Oct. 6 & 13, 2015 5:00 p.m. - 7:30 p.m.

This class covers safety rules and regulations for electricians. Trainees learn the necessary precautions to take for various electrical hazards found on the job. It also covers the OSHA-mandated lockout/ tag-out procedure and arc flash basics. (Note: this is not arc flash training.)

Electrical Theory--Foundations

Tuesdays, Nov. 3 & 10, 2015 5:00 p.m. - 7:30 p.m.

This class offers a general introduction to electrical theory. Topics include electrical power generation, electron flow, voltage, current and resistance. The difference between conductors and insulators will be discussed. The class will also cover the basic units of measurement used to measure properties of electricity. It will also provide an introduction to Ohm's Law—covering how voltage, current and resistance are related to each other.

Electrical Theory--Circuits and Ohm's Law

Tuesdays, Dec. 1 & 8, 2015 5:00 p.m. - 7:30 p.m.

This class will cover Ohm's law as it is applied to series and parallel circuits. It also includes series-parallel circuit and Kirchoff's voltage law. The characteristics of a series circuit, a parallel circuit, and the characteristics of a series-parallel circuit will be discussed. Participants will be able to calculate, using Kirchoff's voltage law, voltage drops in series, parallel, and series-parallel circuits.

Alternating Current

Tuesdays, Jan. 5 & 12, 2016 5:00 p.m. - 7:30 p.m.

This class offers an introduction to circuit calculations involving the application of Ohm's and Kirchoff's laws. This session will discuss capacitive reactance, peak and effective voltage values for an AC waveform and the relationship between voltage and current in a number of different types of AC circuits. Transformer basics will also be discussed.

National Electrical Code Review

Mondays, Feb. 1 & 8, 2016 5:00 p.m. - 7:30 p.m.

This class provides an introduction to the use of SPS 316 the State Electrical Code and the adopted National Electrical Code (NEC®). Trainees are introduced to the layout of both the state and the adopted NEC, and the types of information found within the code book. Trainees are able to practice finding information using an easy to follow procedure that will benefit them when faced with on the job problems or licensing examinations.