

FACT SHEET

NEMA & UL KNOWLEDGE SERVICES AFCI TRAINING COURSE

This two-hour, free online course offers the knowledge electrical contractors need to guide them through trouble-free installation of AFCI circuit breakers, in the unlikely event that unwanted tripping should occur. AFCIs help reduce the risk of electrical fires in homes. This course was developed by experts at The National Electrical Manufacturers Association (NEMA) and Underwriters Laboratories (UL) Knowledge Services. Electrical inspectors and contractors also provided content for the course.

Who should take the course?

The course is intended for anyone who installs electrical systems in residences, whether they are single, multifamily or apartment buildings. In other words, anywhere the use of AFCI circuit breakers is required by the National Electrical Code®.

Why do I need this knowledge?

You will benefit with increased safety from AFCI fire prevention technology while minimizing any potential for unwanted tripping. Contractors and others will benefit from fewer call-backs, resulting in happier customers and more profit. Success in the application of AFCIs is dependent not only on the installation of the circuit breaker itself, but also on the installation of the cable and devices in the branch circuit.

Proper installation practices can reduce the possibility of unwanted tripping. Troubleshooting the cause of tripping can be challenging, but knowing how to find the cause will save time and money.

What will I learn?

You will learn about AFCI installation and other residential branch circuit components critical to a safe and successful installation. Troubleshooting tips and techniques are also covered. The free course consists of 10 easy steps including:

1. Introduction
2. Product knowledge
3. Code requirements
4. Wire routing and installation
5. How to install an AFCI circuit breaker
6. How to install wiring devices/hard wired equipment
7. Perform a final system test
8. How to troubleshoot
9. Installing AFCIs in existing homes
10. Success stories and additional resources

Each lesson concludes with a knowledge check and final quiz. The course also offers a flexible start/stop approach allowing you to complete the course at your convenience.

How do I sign up?

Go to the UL Knowledge Services web site at www.ul.com/afcisafety, or visit the ulknowledgeservices.com home page and search for "AFCI."

