

Credit Information

These webinar are open to the public and are designed to qualify for 3.0 PDHs for professional engineers and 3.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved these course for 3.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved these events for .3 CEUs in the specialty area of Electrical (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. These courses in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
3.0 HSW LUs (AIA)

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Electrical Basics for Building Professionals

Live Webinars - Tuesday, March 26, 2024

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Live, Interactive Webinars

Electrical Basics for Building Professionals: Understanding and Calculating Electrical Loads

- Tuesday, March 26, 2024 | 9:00 am - 12:15 pm CDT

Electrical Basics for Building Professionals: Residential Electrical Circuit Design

- Tuesday, March 26, 2024 | 1:00 - 4:15 pm CDT

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

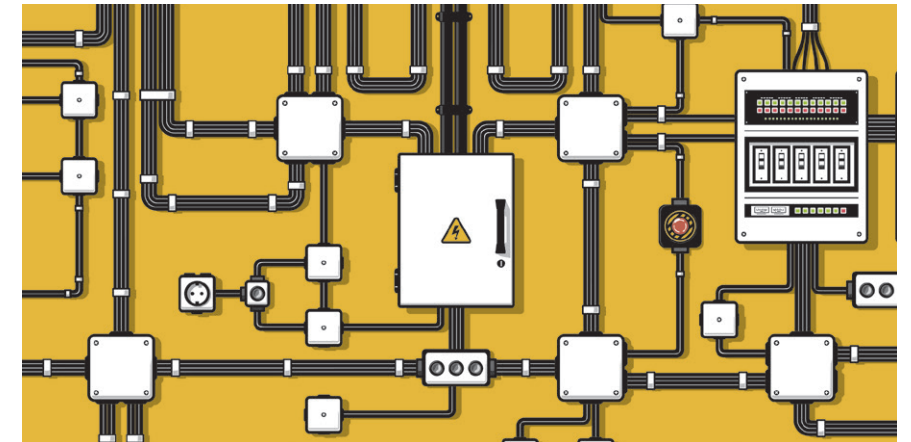
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HalfMoon Education Live Webinars

Electrical Basics for Building Professionals



Electrical Basics for Building Professionals: Understanding and Calculating Electrical Loads

Tuesday, March 26, 2024 | 9:00 am - 12:15 pm CDT

Credits: Professional Engineers: 3.0 PDHs

Architects: 3.0 HSW CE Hours | AIA: 3.0 LU | HSW

International Code Council: .3 CEUs (Electrical)

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Electrical Basics for Building Professionals: Understanding and Calculating Electrical Loads

Tuesday, March 26, 2024 | 9:00 am - 12:15 pm CDT

Tuition: \$159 per registrant

Credits: Professional Engineers: 3.0 PDHs | Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW | International Code Council: .3 CEUs (Electrical)

Agenda:

- Electrical circuits and loads
- Electrical terminology
- Wattage
- Safety factors
- Calculating loads for electrical loads for fixtures and appliances
- Electrical load planning
- Electrical load workshop and troubleshooting

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Faculty



Mark C. Ode

Owner of Southwest Electrical Training and Consulting in Arizona
Mr. Ode was the lead engineering instructor at the Underwriters Laboratories Inc. (UL) in the Research Triangle Park, North Carolina UL University and Knowledge Services for five years; he was a member of UL's Regulatory Services Department for ten years; and he was lead engineering Instructor for UL. He has written monthly NEC articles for *Electrical Contractor Magazine* since 2000. Mr. Ode was co-author of the *Stallcup 2008 NEC Changes Book*; he was co-author of the *Stallcup 2008 Journeyman Electrician's Study Guide*; he was co-author of the *Stallcup' 2008 Master Electrician's Study Guide*; and he was co-author of *Cengage-Delmar's Electrical Raceways and Other Wiring Methods—Sixth Edition*. He was a senior electrical specialist for the National Fire Protection Association and staff liaison and secretary to the NFPA Electrical Equipment in Chemical Atmospheres Committee. Mr. Ode was the Executive Secretary for the NFPA Electrical Section and editor of the Electrical Section news bulletin, *Current Flashes*. Prior to joining NFPA, He worked for over 27 years as a licensed electrician and a licensed electrical contractor.

Electrical Basics for Building Professionals: Residential Electrical Circuit Design

Tuesday, March 26, 2024 | 1:00 - 4:15 pm CDT

Tuition: \$159 per registrant

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AIA: 3.0 LU|HSW | International Code Council: .3 CEUs (Electrical)

Agenda:

- Codes and standards
- Residential electric service
- Basics of electric circuits
- GFCIs, AFCIs and other special requirements
- Circuit design by room
 - Bathrooms
 - Kitchens
 - Bedrooms
 - Living rooms and dining rooms
 - Hallways and peripheral rooms

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Additional Learning

Hot-Mix Asphalt Pavement Design, Maintenance and Rehabilitation

- Tuesday, February 27, 2024 | 8:30 am - 4:00 pm CST

Learn about Remote Pilot Training and Certification

- Tuesday, February 27, 2024 | 9:00 am - 1:45 pm CST
- Wednesday, February 28, 2024 | 9:00 am - 1:45 pm CST

Fire Protection for Special Occupancies: Health Care Facilities

- Wednesday, February 28, 2024 | 9:00 am - 12:15 pm CST

Fire Protection for Special Occupancies: Industrial Facilities

- Wednesday, February 28, 2024 | 1:00 - 4:15 pm CST

Planning for Electric Vehicle Charging Infrastructure for Level 2 and DC Fast Charge

- Wednesday, February 28, 2024 | 12:00 - 2:00 pm CST

Dam Design, Construction, and Maintenance

- Thursday, February 29, 2024 | 9:00 am - 4:30 pm CST

Pumping and Piping Systems

- Thursday, February 29, 2024 | 11:00 am - 2:15 pm
- Friday, March 1, 2024 | 11:00 am - 2:15 pm CST

International Residential Code 2021

- Friday, March 1, 2024 | 8:30 am - 5:00 pm CST

2021 International Residential Code: Mechanical Systems

- Tuesday, March 5, 2024 | 12:00 - 4:30 pm CST

Residential Energy Efficiency Code Compliance and Stretch Code Requirements

- Thursday, March 7, 2024 | 8:30 am - 4:30 pm CST

NFPA 99: Health Care Facilities Code

- Tuesday, March 12, 2024 | 9:00 am - 4:30 pm CDT

Wayfinding for Designers and Building Professionals

- Wednesday, March 13, 2024 | 9:00 am - 12:00 pm CDT
- Thursday, March 14, 2024 | 9:00 am - 12:00 pm CDT

2021 International Residential Code: Plumbing Systems

- Tuesday, March 19, 2024 | 12:00 - 4:30 pm CDT

Cold Climate Residential Design

- Wednesday, March 20, 2024 | 9:00 am - 4:00 pm CDT

Sustainable Site Design

- Wednesday, March 20, 2024 | 8:30 am - 4:00 pm CDT

For more information and other online learning opportunities visit:
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