

Credit Information

Please note that the webinars **DO NOT** include the quick-cards. If you don't have the quick-cards you can order them from Amazon for approximately \$10 a piece, excluding shipping. Please order them with enough time to ensure delivery by the webinar date.

Each webinar is open to the public and is 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. 24GP00049300) 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 each course for 3.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved each event for .3 CEUs in the specialty area of Building (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 presentations. These courses in an on-demand format are not pre-approved by any licensing boards and may not qualify for the same credits; 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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Recordings of these webinars are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

National Electrical Code and HVAC Quick-Card Webinars

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Live, Interactive Webinars

Using the HVAC Tables, Equations and Rules of Thumb Quick-Card

- Thursday, August 1, 2024 | 9:00 am - 12:00 pm CDT

Using the 2020 National Electrical Code Quick-Card

- Tuesday, August 6, 2024 | 9:00 am - 12:00 pm CDT

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

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



HalfMoon Education Inc., Your LIVE Education Leader Presents National Electrical Code and HVAC Quick-Card Webinars



Using the HVAC Tables, Equations and Rules of Thumb Quick-Card

Thursday, August 1, 2024 | 9:00 am - 12:00 pm CDT

Credits: Professional Engineers: 3.0 PDHs

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

International Code Council: .3 CEUs (Building)

Using the 2020 National Electrical Code Quick-Card

Tuesday, August 6, 2024 | 9:00 am - 12:00 pm CDT

Credits: Professional Engineers: 3.0 PDHs

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

International Code Council: .3 CEUs (Electrical)

Register for both programs for only **\$299**
by using Coupon Code **QCARD** at checkout online.
Visit www.halfmoonseminars.org for more information.



Using the HVAC Tables, Equations and Rules of Thumb Quick-Card

Thursday, August 1, 2024 | 9:00 am - 12:00 pm CDT

Tuition: \$179 per registrant

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

Agenda:

- Cooling loads and factors
- Cooling towers and condensers
- Air conditioning
- Heating load, systems and factors
- Heat exchangers and boilers
- Boilers
- Steam piping systems and humidification
- Ventilation, air distribution systems and ductwork
- Fans
- Energy efficiency
- Conversions and occupancy factors

Presented by Blair Richardson P.E. CEM CGD CLEP LEED

Mr. Richardson has over 12 years of experience in building design and construction. His focus has been bringing energy efficiency, sustainability, and resiliency together in every project. Reducing energy use through strategic and targeted energy conservation measures, Mr. Richardson has been able to show clients how sustainability can improve their bottom line. He uses tax credits, rebates, and incentives to reduce the cost of capital projects. Mr. Richardson has a strong background in design-build and the integrated design process. Throughout his career he has worked with architects, engineers, contractors, commissioning agents, and owners to facilitate successful projects. Mr. Richardson earned his B.S. degree from the University of Maine in Mechanical Engineering Technology. He is a licensed professional engineer in five states, a certified energy manager, and LEED accredited professional (in addition to other certifications). He serves on the board of directors for the Connecticut Chapter of ASHRAE, as well as heading several committees; he is an active member of the National Society of Professional Engineers. Mr. Richardson is a Past Director for a regional non-profit; is a corresponding executive committee member for the Housatonic Boy Scout Council and an avid outdoorsman.

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Using the 2020 National Electrical Code Quick-Card

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

Agenda:

- NEC neutral and grounded conductors
- Branch circuits
- Service conductors
- Working space clearances
- Overhead installations
- Conductors general wiring
- Dwelling unit receptacle outlet locations
- Feeders
- Protection against physical damage
- Grounding and bonding
- Underground installations
- Dwelling unit receptacle outlet

Presented by Mark D. Cook, CESCO Electrical Education Specialist, CESCO. at Faith Technologies

Mr. Cook is a master electrician in Wisconsin and held an Arizona electrical contractor's license for over 20 years. He holds an administrator's and a journeyman's license in Washington State. Mr. Cook has been in the electrical industry since 1978, and he owned and operated his own electrical contracting business in Arizona. He was an instructor for the Independent Electrical Contractors of Arizona (I.E.C.), a four-year apprenticeship program facilitated at Gateway Community College in Phoenix. Mr. Cook continues to train for the Electric League of Arizona educational program, teaching classes on NFPA 70E, Arc Flash, Grounding and Bonding and other topics of the National Electrical Code. He has presented the NEC for HalfMoon Education and the Arizona Department of Transportation as well. He authors "Code Corner" a monthly article appearing in The Electric Times (AZ) and The Daily Reporter (WI). Mr. Cook has contributed articles to the IAEL magazine. He is a National Fire Protection Association member, an International Association of Electrical Inspectors member, and a certified commercial electrical inspector for the State of Wisconsin. Recently appointed to CMP-2 for the 2023 National Electric Code, NFPA 70. Mr. Cook is approved as a CEU provider in more than 12 states.

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Additional Learning

AIA Contract Document Workshop

- Monday, July 1, 2024 | 8:30 am - 4:30 pm CDT

Sustainable Site Design

- Monday, July 1, 2024 | 8:30 am - 4:30 pm CDT

Pond Design and Construction

- Tuesday, July 2, 2024 | 9:00 am - 4:00 pm CDT

National Electrical Code 2023: Grounding and Bonding

- Thursday, July 11, 2024 | 9:00 am - 5:00 pm CDT

Servicing and Maintaining EV Battery-Backed Chargers

- Monday, July 15, 2024 | 1:00 - 3:00 pm CDT

Roadmap to Ethical Issues in Construction: A Primer for Design Professionals

- Tuesday, July 16, 2024 | 11:00 am - 1:00 pm CDT

Shallow Foundation Design, Construction and Repair

- Tuesday, July 16, 2024 | 8:30 am - 4:30 pm CDT

Brownfield Planning and Redevelopment

- Wednesday, July 17, 2024 | 10:00 am - 12:00 pm CDT

Deep Dive into Cool Roofs and Cool Walls

- Wednesday, July 17, 2024 | 12:30 - 2:30 pm CDT

Applying the Building Code to Cannabis Facilities

- Friday, July 26, 2024 | 8:30 am - 3:30 pm CDT

Historic Preservation, Restoration and Rehabilitation

- Monday, July 29, 2024 | 9:00 am - 4:00 pm CDT

High-Performance Building Envelope Design and Construction

- Monday, July 29, 2024 | 8:30 am - 4:00 pm CDT

Modular Construction and Prefabricated Components: Residential, Multi-Family and Commercial Buildings

- Tuesday, July 30, 2024 | 9:00 am - 3:50 pm CDT

For more information and other online learning opportunities visit:
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