

Faculty Information

Learn more about our distinguished faculty at www.halfmoonseminars.org

NFPA 70E and National Electrical Code

Charles R. Miller is a master electrician and business owner, author, educator in Lebanon, Tennessee. Besides teaching his own custom tailored classes and seminars covering various aspects of the electrical industry, Mr. Miller partners with some of the top electrical training organizations in the country. His list of achievements includes teaching with the National Fire Protection Association (NFPA). As an author and illustrator, he has an extensive list of electrical-related publications to his credit.

Mechanical Forensic Engineering

Stephen A. Batzer, Ph.D., P.E. is a mechanical engineer who consults with clients regarding patent infringement, intellectual property (IP), and the forensic analysis of mechanical devices and manufacturing processes. With over 25 years of experience he is an expert on manufacturing and forensic engineering, providing intellectual property, patent infringement, technological and product liability analysis. He has also served as an assistant professor in the Mechanical Engineering Department of the University of Arkansas. Dr. Batzer is a member of the National Academy of Forensic Engineers, the Society of Automotive Engineers, the American Society of Mechanical Engineers, and the American Scientific Association. He earned his Ph.D. degree in Mechanical Engineering – Engineering Mechanics from Michigan Technological University.

International Green Construction Code

Wendy Talarico is a code advocate, instructor and writer. She has more than 25 years of experience working with architects, engineers, designers, contractors and owners. Her areas of expertise include building energy, sustainability issues, and codes, including the IECC, ASHRAE 90.1, ADA, IEBC, and IgCC. She frequently provides all-day code presentations and Webinars for Half-Moon Education, Urban Green, the Institute for Building Technology and Standards, and Newport Partners..

Geothermal Heating and Cooling

Jay Egg began a career in mechanical design engineering & contracting in 1990, and founded EggGeothermal in Florida to provide HVAC solutions to the public. As a result of the American Recovery and Reinvestment Act of 2009, Mr. Egg wrote two books for McGraw-Hill Education, and EggGeothermal entered into a new age of acceptance. Mr. Egg currently focuses his professional efforts as a renewable energy expert on renewable and sustainable energy, solar and geothermal exchange implementation. Among his clients are international, federal, state and local governments; developers; associations; and private entities.

Pavement Design

Hesham Ali, Ph.D., P.E., C.P.M. earned a master's degree in Transportation Engineering and a Ph.D. degree in Civil Engineering from The City University of New York. He has spent much of his career in the transportation sector focusing on pavement evaluation, pavement engineering and consulting for various public and private employers, including a role as highway research fellow for the U.S. Federal Highway Administration. Additionally, Dr. Ali has participated in the delivery of hundreds of roadway and airport construction projects in New York, Maryland, Pennsylvania, Texas, Virginia and Florida.

April Webinar Series

- NFPA 70E
- Mechanical Forensic Engineering
- International Green Construction Code
- National Electrical Code
- Pavement Design
- Geothermal Heating and Cooling



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April Webinar Series

NFPA 70E

- Tuesday, April 7, and Wednesday, April 6

Mechanical Forensic Engineering

- Tuesday, April 14, and Wednesday, April 15

International Green Construction Code

- Tuesday, April 14, and Wednesday, April 15

Pavement Design

- Monday, April 20, and Tuesday, April 21

Geothermal Heating and Cooling

- Monday, April 27, and Tuesday, April 26

National Electrical Code

- Tuesday, April 21, Wednesday, April 22, and Thursday, April 23



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April Webinar Series



NFPA 70E

Architects: 8.0 HSW CE Hours AIA: 8.0 LU|HSW
Engineers: 8.0 PDHs ICC: .8 CEUs (Electrical)

Mechanical Forensic Engineering

Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW Engineers: 6.0 PDHs

International Green Construction Code

Architects: 6.0 HSW CE Hours AIA: 6.0 LU|HSW
Engineers: 6.0 PDHs ICC: .6 CEUs (Electrical)

Pavement Design

Architects: 7.0 CE Hours AIA: 7.0 LU|Elective Engineers: 7.0 PDHs

National Electrical Code

Architects: 12.0 HSW CE Hours AIA: 12.0 LU|HSW
Engineers: 12.0 PDHs ICC: .12 CEUs (Electrical)

Geothermal Heating and Cooling

Architects: 5.5 HSW CE Hours AIA: 5.5 LU|HSW Engineers: 5.5 PDHs

*Each webinar in these series earns continuing education credit.
The credit hours shown above are for all webinars in each series.*

To register and to view webinar agendas visit us online at:
www.halfmoonseminars.org/webinars/



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



AIA
Continuing
Education
Provider

NFPA 70E

Series Tuition: ~~-\$400~~ **\$300** when you register for both webinars

Total Credits: **Architects:** 8.0 HSW CE Hours **AIA:** 8.0 LU|HSW
Engineers: 8.0 PDHs **ICC:** .8 CEUs (Electrical)

(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

NFPA 70E, Part I

Tuesday, April 7, 2020, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

NFPA 70E, Part II

Wednesday, April 8, 2020, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

Mechanical Forensic Engineering

Series Tuition: ~~-\$300~~ **\$200** when you register for all four webinars

Total Credits: **Architects:** 6.0 HSW CE Hours **AIA:** 6.0 LU|HSW **Engineers:** 6.0 PDHs

(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Mechanical Forensic Engineering Basics and Warnings

Tuesday, April 14, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Composing Defensible Opinions and the Forensic Engineering Report

Tuesday, April 14, 2020, 1:00 - 3:00 PM CDT **Tuition:** \$100

Material and Nonmaterial Causes of Failure

Wednesday, April 15, 2020, 11:00 AM - 1:30 PM CDT **Tuition:** \$125

Register for any of the webinars in this series and attend the followign for free:

Forensic Engineering as a Profession (does not qualify for CE credit)

Wednesday, April 15, 2020, 2:00 - 3:00 PM CDT

Continuing Education Credit Information

See each course listing for the type and amount of each continuing education credit available. Individual courses for engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ or land surveyor courses in FL, KS, NJ, TN and TX, unless expressly stated.

HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J665)

International Code Council (No. 1232)

Landscape Architect Continuing Education System

American Institute of Certified Planners (APA)

Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland,

New Jersey (Approval No. 24GP00000700), North Carolina (No. S-0130),

and North Dakota.

Course-by-Course Providers: Association of State Floodplain Managers

HalfMoon Education is deemed a New York-approved continuing education provider for engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §66.14(i)(2) and §69.6(i)(2)). NY landscape architects: §79-1.5(i)(2)

International Green Construction Code

Series Tuition: ~~-\$300~~ **\$200** when you register for all four webinars

Total Credits: **Architects:** 6.0 HSW CE Hours **AIA:** 6.0 LU|HSW
Engineers: 6.0 PDHs **ICC:** .6 CEUs (Sustainable)

(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Introduction to the International Green Construction Code (IgCC)

Tuesday, April 14, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

IgCC Chapters 4-5: Site Development and Material Use

Tuesday, April 14, 2020, 1:00 PM - 2:30 PM CDT **Tuition:** \$75

IgCC Chapters 6-9: Energy, Water, Environmental Quality and Building Commissioning

Wednesday, April 15, 2020, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

IgCC Chapters 10-11: Existing Buildings

Wednesday, April 15, 2020, 1:00 PM - 2:30 PM CDT **Tuition:** \$75

Pavement Design

Series Tuition: ~~-\$350~~ **\$250** when you register for all four webinars

Total Credits: **Architects:** 7.0 CE Hours **AIA:** 7.0 LU|Elective **Engineers:** 7.0 PDHs
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Principles of Pavement Design

Monday, April 20, 2020 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Flexible Pavement Design

Monday, April 20, 2020, 2020, 12:30 PM - 2:30 PM CDT **Tuition:** \$100

Rigid Pavement Design

Tuesday, April 21, 2020, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Maintenance, Rehabilitation and Sustainability of Pavements

Tuesday, April 21, 2020, 1:30 PM - 3:30 PM CDT **Tuition:** \$100

Each webinar can be taken individually. For credit breakdown, and to see detailed webinar information including agendas, please visit us at:

www.halfmoonseminars.org/webinars/

National Electrical Code

Series Tuition: ~~-\$600~~ **\$500** when you register for all three webinars

Total Credits: **Architects:** 12 HSW CE Hours **AIA:** 12 LU|HSW
Engineers: 12 PDHs **ICC:** .12 CEUs (Electrical)

(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

National Electrical Code, Part I

Tuesday, April 21, 2020, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

National Electrical Code, Part II

Wednesday, April 22, 2020, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

National Electrical Code, Part III

Thursday, April 23, 2020, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

Geothermal Heating and Cooling

Series Tuition: ~~-\$275~~ **\$175** when you register for all four webinars

Total Credits: **Architects:** 5.5 CE Hours **AIA:** 5.5 LU|HSW **Engineers:** 5.5 PDHs
(Each webinar can be taken individually. For credit breakdown, please see course listing online.)

Thermodynamic Basics of Geothermal Systems

Monday, April 27, 2020, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Understanding Earth Loop Systems

Monday, April 27, 2020, 2020, 12:30 - 2:00 PM CDT **Tuition:** \$75

Choosing and Designing Geothermal Systems

Tuesday, April 28, 2020, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Evaluating and Maintaining Geothermal Systems

Tuesday, April 28, 2020, 12:30 - 2:30 PM CDT **Tuition:** \$100

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited. Certificates of completion will be available upon completion of a quiz, which will be emailed shortly after each webinar.

Webinars are presented via **GoToWebinar**, Instructions and login information will be provided in an email sent close to the date of the webinar. ***It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.***

For more system requirements and more information visit the Support section at www.gotowebinar.com.