

# Faculty and Credit Information

## National Electrical Code: Onsite Power Generation and Distribution

**John-Ross Cromer** is a master electrician with a Mechanical Engineering degree from the University of Pennsylvania, and he is a NABCEP-certified PV installer. Mr. Cromer is the author of *Solar Power Design and Development: An Introduction to Rooftop Solar*. He brings ten years of solar project experience including residential, commercial, and small utility-scale projects to his work, including an off-grid, residential-sized home.

## HVAC Series

**Allen Smith, Jr.** *Instructor of Heating and Air Conditioning Technology at College of Lake County*  
Mr. Smith has more than 20 years of experience in the field and the classroom in HVAC/R, sustainable energy, leadership and education. He is experienced in building automation in the commercial environment and has taken certification courses or taught on a number of subjects including air conditioning, ventilation, heating, advanced electrical controls, geothermal systems, and photovoltaic power systems. Mr. Smith has designed and conducted various technician and student workshops for training in all aspects of energy mechanical systems including control systems in direct digital controls. Mr. Smith earned his B.A. degree from Trinity International University and his M.A. degree in Organization Leadership from Indian Wesleyan University.

## Introduction to Vibrations

**Brian M. Davis, MSME, PE** has over 27 years of cross-functional experience in aircraft propulsion systems/engines, failure analysis, manufacturing processes, fatigue and fracture mechanics, composite materials, and stress analysis. He has 23 years of experience in OEM gas turbine design and propulsion systems, as well as four years of experience in OEM medical device design with a specialization in ultrasonics. Mr. Davis received his BS degree in Mechanical Engineering from the University of Florida and his MS degree in Mechanical Engineering from the University of Cincinnati.

## Pedestrian and Bicycle Transport Planning

**Antonio M. Rosell, P.E., AICP**, is the founder and director of Community Design Group (CDG), a consulting firm specializing in bicycle and pedestrian planning, placemaking and urban design, and community engagement. In 2015, he was recognized as "2015 Minnesota Planner of the Year" by the Minnesota Chapter of the American Planning Association. An urban planner and civil engineer with more than 20 years of professional experience, Mr. Rosell integrates innovation and best-practices in active transportation, community design, and citizen participation to facilitate community learning, consensus-building and project implementation. He has led numerous sustainable transportation planning, design and community engagement projects in Minnesota, neighboring states, and also in Mexico and Peru. Mr. Rosell leads trainings for engineers, planners and other design professionals on pedestrian and bicycle transportation topics, and he also serves as adjunct professor in the Urban and Regional Planning Program of the University of Minnesota's Humphrey School.

## Structural Forensic Engineering

**James A. D'Aloisio**, is a principal with Klepper, Hahn & Hyatt, a structural engineering, landscape architecture, and building envelope services firm in East Syracuse, New York. A graduate of Rensselaer Polytechnic Institute, Mr. D'Aloisio is a Professional Engineer, registered in New York and Massachusetts, and has been certified by the Structural Engineering Certification Board (SECB) since its inception in 2007. He is a member and past president (1997-1998) of the American Society of Civil Engineers (ASCE) Syracuse Section, and he is a member of the American Institute of Steel Construction (AISC), National Society of Professional Engineers (NSPE), and the Consulting Engineers Council of New York State (CEC-NYS). Mr. D'Aloisio is chair of the Sustainability Committee of ASCE's Structural Engineering Institute. His 30-plus years' experience as a consulting structural engineer has primarily involved the design of new building structures, additions, modifications, and analyses, assessments, and investigations of structures and facades. He has performed structural building reviews on over 10,000,000 square feet of buildings, has performed over 100 failure loss investigations, and has presented over 100 times.

## June Webinar Series

- National Electrical Code
- HVAC Series
- Introduction to Vibrations
- Pedestrian and Bicycle Transport Planning
- Structural Forensic Engineering



Halfmoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278

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# June Webinar Series

## **National Electrical Code: Onsite Power Generation and Distribution**

Wednesday, June 6, and Thursday, June 7

## **HVAC Series**

Thursday, June 7, and Friday, June 8

## **Introduction to Vibrations**

Thursday, June 14, and Friday, June 15

## **Pedestrian and Bicycle Transport Planning**

Thursday, June 21, and Friday, June 22

## **Structural Forensic Engineering**

Thursday, June 28 and Friday, June 29

# June Webinar Series



## **National Electrical Code: Onsite Power Generation and Distribution**

Architects: 6.0 HSW CE Hours      AIA: Pending  
Engineers: 6.0 PDHs                      ICC: Pending

## **HVAC Series**

Architects: 6.0 HSW CE Hours      AIA: 6.0 HSW LUs      Engineers: 6.0 PDHs

## **Introduction to Vibrations**

Architects: 6.5 HSW CE Hours      AIA: 6.5 HSW LUs      Engineers: 6.5 PDHs

## **Pedestrian and Bicycle Transport Planning**

Architects: 6.0 HSW CE Hours      AIA: 6.0 HSW LUs      Engineers: 6.0 PDHs

## **Structural Forensic Engineering**

Architects: 6.0 HSW CE Hours      AIA: 6.0 HSW LUs      Engineers: 6.0 PDHs

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

To register and view webinar agendas visit us online at:  
**[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)**



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## National Electrical Code: Onsite Power Generation and Distribution

Series Tuition: ~~-\$300~~ **\$250** when you register for both webinars

**Total Credits:** Architects: 6.0 HSW CE Hours    AIA: Pending  
Engineers: 6.0 PDHs    ICC: Pending

### National Electric Code: Onsite Power Generation and Distribution, Part 1

Wednesday, June 6, 2018, 11:00 AM - 2:15 PM CDT (incl. 15 min. break)    **Tuition:** \$150

Credits: Architects: 3.0 HSW CE Hours    AIA: Pending  
Engineers: 3.0 PDHs    ICC: Pending

### National Electric Code: Onsite Power Generation and Distribution, Part 2

Thursday, June 7, 2018, 11:00 AM - 2:15 PM CDT (incl. 15 min. break)    **Tuition:** \$150

Credits: Architects: 3.0 HSW CE Hours    AIA: Pending  
Engineers: 3.0 PDHs    ICC: Pending

## HVAC Series

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

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

### Heating, Ventilation and Air Conditioning Principles

Thursday, June 7, 2018, 11:00 AM - 1:00 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

### HVAC System Design Considerations

Thursday, June 7, 2018, 1:30 - 2:30 PM CDT    **Tuition:** \$50

Credits: Architects: 1.0 HSW CE Hour    AIA: 1.0 HSW LU    Engineers: 1.0 PDH

### Evaluating HVAC Systems and Equipment

Friday, June 8, 2018, 11:00 AM - 12:00 PM CDT    **Tuition:** \$50

Credits: Architects: 1.0 HSW CE Hour    AIA: 1.0 HSW LU    Engineers: 1.0 PDH

### HVAC System Controls and Techniques

Friday, June 8, 2018, 12:30 - 2:30 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

## 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 provided for each webinar attended and will be sent via email in PDF form about five business days after the conclusion of the series.

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. 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.***

## Introduction to Vibrations

Series Tuition: ~~-\$325~~ **\$275** when you register for all four webinars

**Total Credits:** Architects: 6.5 HSW CE Hours    AIA: 6.5 HSW LUs    Engineers: 6.5 PDHs

### Introduction to Vibrations

Thursday, June 14, 2018, 11:00 AM - 1:00 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

### Eigenvalues, Eigenvectors and Motion

Thursday, June 14, 2018, 1:30 - 3:00 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

### Analysis and Test Methods

Friday, June 15, 2018, 11:00 AM - 12:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

### Designing for Vibration and Failure Analysis

Friday, June 15, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

## Pedestrian and Bicycle Transport Planning

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

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

### Introduction to Current Conditions and Trends in Biking and Walking

Thursday, June 21, 2018, 11:00 AM - 12:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

### Engineering and Infrastructure: Design for Walkability and Bikeability

Thursday, June 21, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

### Developing a Walking and Biking Plan, Part I

Friday, June 22, 2018, 11:00 AM - 12:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

### Developing a Walking and Biking Plan, Part II

Friday, June 22, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Architects: 1.5 HSW CE Hours    AIA: 1.5 HSW LUs    Engineers: 1.5 PDHs

#### **GoToWebinar system requirements:**

**Operating System:** Windows 7, 8 or 10    Mac OSX 10.9 (Mavericks) - 10.11 (El Capitan)

**Web Browser:** Chrome v34+, Firefox v34+, Internet Explorer 8+, Microsoft Edge, Safari v6+

**Internet connection:** Minimum of 1Mbps    **Hardware:** 2GB RAM or more

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## Structural Forensic Engineering

Series Tuition: ~~-\$300~~ **\$250** when you register for all four webinars

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

### Introduction to the Forensic Engineering Process

Thursday, June 28, 2018, 11:00 AM - 1:00 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

### Causes of Failures and the Forensic Engineering Report

Thursday, June 28, 2018, 1:30 - 3:30 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

### Forensic Examination of Structures and Use in Litigation

Friday, June 29, 2018, 11:00 AM - 1:00 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: 2.0 HSW LUs    Engineers: 2.0 PDHs

## Continuing Education Credit Information

HalfMoon Education is an American Institute of Architects-approved continuing education sponsor (No. J885) and is deemed an approved continuing education sponsor for architects in New York. These webinars are not approved for Florida architects. Other states do not preapprove educators or courses. Check each webinar for the number of continuing education hours available. HalfMoon Education is an approved engineer continuing education provider in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. Other states do not preapprove educators or courses. These webinars offer engineer continuing education credit in all states. Check each course listing for the number of PDHs available. HalfMoon Education is an International Code Council Preferred Provider (1232). Participation and knowledge retention will be verified for these webinar events, certificates of completion will be provided, and HSW LUs will be reported to the AIA. Please see individual course listings for available credit approval.

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