

# Faculty and Credit Information

## Community Solar and Rooftop Solar

**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.

## Complying with Fire and Building Codes

**Robert Marshall** has served as fire marshal with the Contra Costa County Fire Protection District since 2014. Previously he served in the same district as fire prevention captain and as an inspector. Mr. Marshall received his bachelor's degree in Fire Science/Management from the American Public University System.

## Pavement Design

**Tyler Dawson, Ph.D., P.E.**, is in his sixth year as a pavement, geotechnical, and subsurface utility engineer with NTH Consultants, Ltd. (NTH). He has completed research projects for the Michigan Department of Transportation (MDOT) and the Federal Highway Administration (FHWA) and has participated in and led several projects which have included pavement surface and structural evaluations, geotechnical explorations, subsurface utility engineering (SUE), and transportation utility coordination. Dr. Dawson's geotechnical design experience includes earth retention, embankment, road sign and signal, ITS structure, bridge, and other deep and shallow foundations using LRFD and other techniques.

## Foundations in Cold Regions

**Steven M. Halcomb, P.E., G.E.**, has over ten years of geotechnical, structural, marine, and cold regions engineering experience and is currently employed by CRW Engineering Group, LLC in Anchorage, Alaska. He regularly oversees geotechnical efforts on projects ranging from several hundred thousand to multi-million dollars in various environments. He has experience in shallow and deep foundation design, construction, and inspection, including pile driving analyzer, and he has worked in ideal and adverse conditions including liquefiable and expansive soils and frozen ground. His geotechnical knowledge includes site planning and explorations; laboratory testing; slope stability; geotechnical earthquake engineering; ground improvement; earth retaining structures; reinforced soil and geosynthetics; braced and unbraced excavations; pavement design; geotechnical instrumentation; construction testing, observation and monitoring; foundations in frozen ground; and thermal analyses.

## Proposal Writing

**Dr. Mark Decker** is associate professor of English and assistant department chair at Bloomsburg University in Bloomsburg Pennsylvania, where he teaches Technical Writing and Writing Technical Manuals in support of the Professional Writing minor. Dr. Decker has PhD and MA degrees in English from The Pennsylvania State University (2001, 1997) and he graduated *summa cum laude* in English from Utah State University (1995). After graduate school, Dr. Decker spent four years teaching Technical Writing at the University of Wisconsin-Stout. Dr. Decker has given presentations at several national and international conferences and has published several scholarly articles, book chapters, encyclopedia chapters, and a co-edited book.

## Soil Engineering

**Liban A. Affi** is the founder of Foundation Engineering Consultants in the state of California. He specializes in excavation support analysis, drilled pier foundations and sub-structural engineering software. Mr. Affi is a licensed civil engineer in California and has authored three books. He was recently awarded a U.S. patent for a new method of supporting lightly-loaded foundations and pavements on highly expansive soils. He is very interested in filling the practice gap between geotechnical and structural engineers when it comes to foundations and earth retaining structures.

## May Webinar Series

- Community Solar and Rooftop Solar
- Complying with Fire and Building Codes
- Pavement Design
- Foundations in Cold Regions
- Proposal Writing
- Soil Engineering



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# May Webinar Series

## Community Solar and Rooftop Solar

Wednesday, May 2, and Thursday, May 3

## Complying with Fire and Building Codes

Thursday, May 3, and Friday, May 4

## Pavement Design

Thursday, May 10, and Friday, May 11

## Foundations in Cold Regions

Thursday, May 17, and Friday, May 18

## Proposal Writing

Tuesday, May 22

## Soil Engineering

Wednesday, May 30, and Thursday, May 31

# May Webinar Series



## Community Solar and Rooftop Solar

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

## Complying with Fire and Building Codes

Architects: 7.0 HSW CE Hours    AIA: 7.0 HSW LUs  
Engineers: 7.0 PDHs    ICC: .7 CEUS (Fire)

## Pavement Design

Engineers: 6.0 PDHs

## Foundations in Cold Regions

Architects: 5.5 HSW CE Hours    AIA: 5.5 HSW LUs    Engineers: 5.5 PDHs

## Proposal Writing

Architects: 4.0 CE Hours    AIA: 4.0 LUs    Engineers: 4.0 PDHs

## Soil 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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## Community Solar and Rooftop Solar

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

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

### Community Solar

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

Credits: Architects: 3.0 HSW CE Hours    AIA: 3.0 HSW LUs    Engineers: 3.0 PDHs

### Design Your Solar Roof

Thursday, May 3, 2018, 11:00 AM - 2:15 PM CDT (incl. 15 min. break)    **Tuition:** \$150

Credits: Architects: 3.0 HSW CE Hours    AIA: 3.0 HSW LUs    Engineers: 3.0 PDHs

## Complying with Fire and Building Codes

Series Tuition: ~~-\$350~~ **\$300** when you register for all four webinars

**Total Credits:** Architects: 7.0 HSW CE Hours    **AIA:** 7.0 HSW LUs

**Engineers:** 7.0 PDHs    **ICC:** .7 CEUs (Fire)

### Introduction to Fire Protection and Life Safety Design

Thursday, May 3, 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    ICC: .15 CEUs (Fire)

### Occupancy Classifications

Thursday, May 3, 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    ICC: .15 CEUs (Fire)

### Means of Egress

Friday, May 4, 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    ICC: .2 CEUs (Fire)

### Fire Protection Features and Occupancy Exercises

Friday, May 4, 2018, 1:30 - 3:30 PM CDT    **Tuition:** \$100

Credits: Architects: 2.0 HSW CE Hours    AIA: Pending  
Engineers: 2.0 PDHs    ICC: .2 CEUs (Fire)

## 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.***

## Pavement Design

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

**Total Credits:** **Engineers:** 6.0 PDHs

### Principles of Pavement Design

Thursday, May 10, 2018, 11:00 AM - 12:30 PM CDT    **Tuition:** \$75

Credits: Engineers: 1.5 PDHs

### Flexible Pavement Design

Thursday, May 10, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Engineers: 1.5 PDHs

### Rigid Pavement Design

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

Credits: Engineers: 1.5 PDHs

### Pavement Drainage and Maintenance

Friday, May 11, 2018, 1:00 - 2:30 PM CDT    **Tuition:** \$75

Credits: Engineers: 1.5 PDHs

## Foundations in Cold Regions

Series Tuition: ~~-\$275~~ **\$225** when you register for all four webinars

**Total Credits:** Architects: 5.5 HSW CE Hours    **AIA:** 5.5 HSW LUs    **Engineers:** 5.5 PDHs

### Introduction to Cold Regions Foundations

Thursday, May 17, 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

### Shallow Foundation Design in Cold Regions

Thursday, May 17, 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

### Deep Foundation Design in Cold Regions

Friday, May 18, 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

### Foundation Construction in Cold Regions

Friday, May 18, 2018, 1:00 - 2:00 PM CDT    **Tuition:** \$50

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

#### **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

For more information visit our FAQ section at [www.halfmoonseminars.org](http://www.halfmoonseminars.org).

## Proposal Writing

**Tuesday, May 22, 2018, 11:00 AM - 3:30 PM CDT** (incl. 30 min. break)    **Tuition:** \$200

**Credits:** Architects: 4.0 CE Hours    **AIA:** 4.0 LUs    **Engineers:** 4.0 PDHs

*Attention Architects: The subject matter of this webinar is not deemed HSW by the American Institute of Architects.*

## Soil 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 Soil Engineering

Wednesday, May 30, 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

### Design of Excavation Support Systems

Wednesday, May 30, 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

### Slope Repair Techniques

Thursday, May 31, 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

### Soil Engineering after College:

#### Practical Approaches to Foundations and Retaining Structures

Thursday, May 31, 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

## 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, Louisiana, 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 credit approval.