

Faculty and Credit Information

Solar Photovoltaic Project Design and Development

John-Ross Cromer is a master electrician with a Mechanical Engineering degree from the University of Pennsylvania, a NABCEP-certified PV installer and author of *Solar Power Design and Development: An Introduction to Rooftop Solar*.

Passive House: Planning and Design

Darren Macri is the CEO and founder of Bleu Nest, a certified Passive House consultant & tradesperson, and a LEED AP and Intus high performance windows representative. He is the builder of New Jersey's first certified Passive House at 0.29 AHCn50.

Erosion and Sediment Control

Dr. Charles E. Williams, Jr., is a professional civil engineer with 22 years of experience in private consulting, and with state, and municipal organizations. Dr. Williams has served as the interim director of public works, currently serves as the engineering manager within the Department of Public Works and is a member of the American Society of Civil Engineers, the Mississippi Engineering Society, and the American Publics Works Association.

Septic Systems Series

Dr. Sara Heger is an engineer, researcher and instructor in the Onsite Sewage Treatment Program in the Water Resources Center at the University of Minnesota. Since 1999, she has been providing education and technical assistance to homeowners, small communities, onsite professionals and local units of government regarding onsite wastewater treatment.

Construction Cost Estimating

Ha Yeung (Henry) Yu, P.E., LEED Green Associate, CTS is a senior cost engineer at the Port Authority of New York and New Jersey. He is a licensed professional engineer, a LEED green associate and a certified technology specialist who has extensive experience in planning and managing diverse domain construction projects ranging from medium to large-scale industries.

International Residential Code

Robert J. Schutz recently retired from his position as a building official with the City of Columbus and he was previously a senior staff engineer with the International Code Council in product development. He has also served as an assistant architect administrator at the Ohio Board of Building Standards.

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

Continuing Education Credit Information

These live, interactive webinars are designed to qualify for continuing education credit for professional engineers and architects in most states. Please see each webinar listing for the number of available continuing education credits. Course participants need to be aware of any licensing restrictions on online learning to fulfill their continuing education requirements.

HalfMoon Education Inc. is approved as a continuing education provider by the American Institute of Architects (No. J885). HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP0000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

The Massachusetts Title 5 Onsite Advisory Committee, on behalf of MassDEP, has approved the Septic Systems Series for a total of 6.0 TCHs (1.5 TCHs per webinar) for System Inspectors and Soil Evaluators. It is the responsibility of SIs and SEs to retain proof of completing each webinar and submit them to the NEIWPCC when notified about renewal.

Participation and knowledge retention will be verified for these webinar events. Certificates of completion will be provided upon successful completion of the quiz at the end of each webinar, and earned LUs will be reported to the AIA/CES.

May Webinar Series

- Solar Photovoltaic Project Design and Development
- Passive House
- Erosion and Sediment Control
- Septic Systems
- Construction Cost Estimating
- International Residential Code



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May Webinar Series

Solar Photovoltaic Project Design and Development

Wednesday, May 1, 2019 and Thursday, May 2, 2019

Passive House: Planning and Design

Thursday, May 9, 2019 and Friday, May 10, 2019

Erosion and Sediment Control

Thursday, May 16, 2019 and Friday, May 17, 2019

Septic Systems Series

Tuesday, May 21, 2019 and Thursday, May 23, 2019

Construction Cost Estimating

Thursday, May 23, 2019 and Friday, May 24, 2019

International Residential Code

Thursday, May 30, 2019 and Friday, May 31, 2019



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May Webinar Series



Solar Photovoltaic Project Design and Development

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

Passive House: Planning and Design

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

Erosion and Sediment Control

Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours AIA: Pending

Septic Systems Series

Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours AIA: 6.0 HSW LUs
NEIWPCC System Inspectors and Soil Evaluators: 6.0 TCHs

Construction Cost Estimating

Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours AIA: 7.0 HSW LUs

International Residential Code

Engineers: 6.0 PDHs Architects: 6.0 CE Hours (5.0 HSW) AIA: Pending

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/



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Solar Photovoltaic Project Design and Development

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

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

Solar Photovoltaic Project Design and Development, Part I

Wednesday, May 1, 2019, 11:00 AM - 2:30 PM CDT (incl. 30 min. break) **Tuition:** \$150
Credits: Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours AIA: 3.0 HSW LUs

Solar Photovoltaic Project Design and Development, Part II

Thursday, May 2, 2019, 11:00 AM - 2:30 PM CDT (incl. 30 min. break) **Tuition:** \$150
Credits: Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours AIA: 3.0 HSW LUs

Passive House: Planning and Design

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

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

Energy Efficiency of Conventional Construction

Thursday, May 9, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: 1.0 HSW LU

Passive House Standard: Purpose, Principles and Development

Thursday, May 9, 2019, 12:30 - 2:00 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

Architectural Elements of Passive Houses

Friday, May 10, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

Mechanical Systems in Passive Houses

Friday, May 31, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

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www.halfmoonseminars.org/webinars/

Erosion and Sediment Control

Series Tuition: ~~-\$200~~ **\$175** when you register for all four webinars

Total Credits: Engineers: 4.0 PDHs **Architects:** 4.0 HSW CE Hours **AIA:** Pending

Soils and Causes of Erosion

Thursday, May 16, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: Pending

Goals for Selection of Erosion and Sediment Control Practices

Thursday, May 16, 2019, 12:30 - 1:30 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: Pending

Calculations for Determining Soil Loss and Channel Stabilization

Friday, May 17, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: Pending

Non-Structural Erosion and Sediment Control Best Practices

Friday, May 17, 2019, 12:30 - 1:30 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: Pending

Septic Systems Series

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

Total Credits: Engineers: 6.0 PDHs **Architects:** 6.0 HSW CE Hours **AIA:** 6.0 HSW LUs
NEIWPCC System Inspectors and Soil Evaluators: 6.0 TCHs

Onsite Wastewater Treatment Technologies,

Regulations and Contaminant Removal

Tuesday, May 21, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

NEIWPCC System Inspectors and Soil Evaluators: 1.5 TCHs

Evaluating Sites, Setting Treatment Goals and System Design

Tuesday, May 21, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

NEIWPCC System Inspectors and Soil Evaluators: 1.5 TCHs

Alternative and Sustainable Treatment Technologies

Thursday, May 23, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

NEIWPCC System Inspectors and Soil Evaluators: 1.5 TCHs

Management Programs for Onsite Wastewater Treatment Systems

Thursday, May 23, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

NEIWPCC System Inspectors and Soil Evaluators: 1.5 TCHs

Construction Cost Estimating

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

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

Introduction to Cost Estimating

Thursday, May 23, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

Cost Components – A Closer Look at the Estimates

Thursday, May 23, 2019, 1:00 - 3:00 PM CDT **Tuition:** \$100
Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Cost Estimate Organization and Examples

Friday, May 24, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100
Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 HSW LUs

Cost Estimating Topics

Friday, May 24, 2019, 1:30 - 3:00 PM CDT **Tuition:** \$75
Credits: Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours AIA: 1.5 HSW LUs

International Residential Code

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

Total Credits: Engineers: 6.0 PDHs **Architects:** 6.0 CE Hours (5.0 HSW) **AIA:** Pending

Development and Enforcement of International Residential Code

Thursday, May 30, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 CE Hour AIA: Pending

Building Planning and Shell Construction (IRC Chapters 3-10)

Thursday, May 30, 2019, 12:30 - 2:30 PM CDT **Tuition:** \$100
Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: Pending

Energy Efficiency (IRC Chapter 11)

Friday, May 31, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50
Credits: Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour AIA: Pending

Mechanical, Fuel, Plumbing and Electrical Systems

Friday, May 31, 2019, 12:30 - 2:30 PM CDT **Tuition:** \$100
Credits: Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: Pending

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