

Faculty

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

Off-grid Master Class

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*.

Stormwater Infiltration

Kristofor L. Kvarfordt is principal and the senior landscape architect/land planner at Cache Landmark Engineering, Inc. located in Logan, Utah. His experience includes large scale planning, trail and open space master planning, campus master planning and detailed site development planning for commercial and institutional projects. Mr. Kvarfordt serves as an adjunct instructor in the Department of Landscape Architecture and Environmental Planning at Utah State University.

Structural Design and Ethics

Brian Johnson provides structural engineering and forensic inspections focusing on staff development, mentoring, proper structural design practices, peer reviews and the investigation of building damage, construction or structural defects, legal support, report writing, expert witness services and expert reports. Mr. Johnson earned his B.C.E. and M.S.C.E. degrees from the University of Minnesota – Twin Cities. He is a licensed structural engineer in Illinois and a professional structural engineer in Nebraska.

Proposal Writing and Technical Writing

Dr. Mark Decker is 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, and he graduated *summa cum laude* in English from Utah State University. Dr. Decker spent four years teaching Technical Writing at the University of Wisconsin-Stout, has given presentations at several national and international conferences, and has published several scholarly articles, book chapters, encyclopedia chapters, and a co-edited book.

Introduction to Hydro Energy Logic Modeling Software (HELP-FL)

Gary Franc possesses over 35 years of hydroelectric engineering, operations and development experience with 25 years involved with Federal Energy Regulatory Commission (FERC) issues dealing with licensing, relicensing and Part 12 dam safety compliance issues. He has demonstrated abilities in water resources modeling, hydrology, hydraulics, finance, database management, stochastic processes, computer systems, statistics and application software development, and he has an extensive knowledge of all the Corps' Hydrologic Engineering Center's (HEC) packages.

Small Wind Energy Systems

Clay Sterling is an associate professor of Renewable Energy Technology at Kankakee Community College and is an IREC certified PV and small wind instructor. He instructed both solar photovoltaic (PV) and wind courses at the Midwest Renewable Energy Association. Mr. Sterling has a construction background and has worked nine years as a commercial electrician on large construction projects. In 2009, Wisconsin's K-12 Energy Education Program named him the "Non-Formal Energy Educator of the Year." He also received the "Clean Energy Trainer of the Year" award in 2013 from the Interstate Renewable Energy Council (IREC).

Deep Foundations and Excavations

Justin Lewis, P.E. is the division manager for the Structural Support and Earth Retention System group at Hayward Baker and is a graduate of the University of Illinois at Urbana-Champaign with B.S. (2007) and M.S. (2008) degrees in Civil and Environmental Engineering with a focus on geotechnical engineering. He has experience in the fields of jet grouting, earth retention, micropiles, and driven piles.

Tyler James is the project manager and superintendent for Case Foundation and holds B.S. and M.S. degrees in Civil Engineering from the University of Illinois at Urbana-Champaign. Mr. James' area of expertise is in soil and rock bearing drilled shafts, secant walls, augercast piles, and deep rock drilling and he is a member of The Deep Foundations Institute.

August Webinar Series

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August Webinar Series

Off-grid Master Class - Thursday, August 1 and Friday, August 2

Proposal Writing - Wednesday, August 7

Stormwater Infiltration - Thursday, August 8 and Friday, August 9

Technical Writing - Wednesday, August 14 and Thursday, August 15

Structural Design and Ethics - Thursday, August 15 and Friday, August 16

Introduction to Hydro Energy Logic Modeling Software (HELP-FL)

Tuesday, August 20 and Wednesday, August 21

Small Wind Energy Systems - Thursday, August 22 and Friday, August 23

Deep Foundations and Excavations

Thursday, August 27 and Wednesday, August 28



August Webinar Series



Off-grid Master Class

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

Proposal Writing

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

Stormwater Infiltration

Engineers: 4.5 PDHs Architects: 4.5 HSW CE Hours
LA|CES: 4.5 HSW PDHs AIA: 3.0 LU|HSW (1.5 Pending)

Technical Writing

Engineers: 8.0 PDHs Architects: 8.0 CE Hours AIA: 8.0 LU

Structural Design and Ethics

Engineers: 6.0 PDHs (Including 1.0 Ethics hour) Architects: 6.0 HSW CE Hours
AIA: 5.0 LU|HSW (1.0 Pending)

Introduction to Hydro Energy Logic Modeling Software (HELP-FL)

Engineers: 6.5 PDHs

Small Wind Energy Systems

Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours AIA: 4.0 LU|HSW

Deep Foundations and Excavations

Engineers: 5.0 PDHs Architects: 5.0 HSW CE Hours AIA: 5.0 LU|HSW

Each webinar in these series earns continuing education credit.

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



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Off-grid Master Class

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

Off-grid Master Class, Part I

Thursday, August 1, 2019, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Off-grid Master Class, Part II

Friday, August 2, 2019, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Stormwater Infiltration

Series Tuition: ~~-\$225~~ **\$200** when you register for all three webinars

Total Credits: Engineers: 4.5 PDHs **Architects:** 4.5 HSW CE Hours
LA|CES: 4.5 HSW PDHs **AIA:** 3.0 LU|HSW (1.5 Pending)
(Each webinar can be taken individually. For credit breakdown, please see course listing online)

Infiltration and Soil: Water Science (AIA Pending)

Thursday, August 8, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Infiltrating Stormwater and Maximizing Infiltration

Thursday, August 8, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75

Improving Infiltration with Low Impact Development Techniques

Friday, August 9, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Structural Design and Ethics

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

Total Credits: Engineers: 6.0 PDHs (Including 1.0 Ethics Hour) **Architects:** 6.0 HSW CE Hours
AIA: 5.0 LU|HSW (1.0 Pending)
(Each webinar can be taken individually. For credit breakdown, please see course listing online)

Structural Design: Ethical Issues (Including 1.0 Ethics Hour) (AIA Pending)

Thursday, August 15, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Structural Design: Gravity Forces

Thursday, August 15, 2019, 12:30 - 2:30 PM CDT **Tuition:** \$100

Structural Design: Lateral Forces

Friday, August 16, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Structural Design: Wind, Seismic and Connections

Friday, August 16, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75

Proposal Writing

Wednesday, August 7, 2019, 11:00 AM - 3:30 PM CDT (with 30 min. break) **Tuition:** \$200

Credits: Engineers: 4.0 PDHs Architects: 4.0 CE Hours AIA: 4.0 LU

Architects: Please note, the Proposal Writing webinar does not offer HSW hours.

Technical Writing

Series Tuition: ~~-\$400~~ **\$350** when you register for all four webinars

Total Credits: Engineers: 8.0 PDHs **Architects:** 8.0 CE Hours **AIA:** 8.0 LU

Architects: Please note Technical Writing webinars do not offer HSW hours.

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

Planning Documents

Wednesday, August 14, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Writing Documents

Wednesday, August 14, 2019, 1:30 - 3:30 PM CDT **Tuition:** \$100

Revising and Editing Documents

Thursday, August 15, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Technical Writing Best Practices

Thursday, August 15, 2019, 1:30 - 3:30 PM CDT **Tuition:** \$100

Introduction to Hydro Energy Logic Modeling Software (HELP-FL)

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

Total Credits: Engineers: 6.5 PDHs

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

Introduction to Hydro Energy Logic Program Modeling Software (HELP-FL), Part I

Tuesday, August 20, 2019, 11:00 AM - 2:00 PM CDT **Tuition:** \$150

Introduction to Hydro Energy Logic Program Modeling Software (HELP-FL), Part II

Wednesday, August 21, 2019, 11:00 AM - 2:30 PM CDT **Tuition:** \$175

One week before the webinar attendees will receive an email with instructions on how to download software that will be used for a demonstrative class exercise. Use of the software is for exercise purposes only and is not a required download and technical support for downloading and installation will be limited.

Small Wind Energy Systems

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

Total Credits: Engineers: 4.0 PDHs **Architects:** 4.0 HSW CE Hours **AIA:** 4.0 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online)

Small Wind Energy System Components

Thursday, August 22, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Small Wind Energy Siting and Sizing

Friday, August 23, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Deep Foundations and Excavations

Series Tuition: ~~-\$250~~ **\$225** when you register for both webinars

Total Credits: Engineers: 5.0 PDHs **Architects:** 5.0 HSW CE Hours **AIA:** 5.0 LU|HSW
(Each webinar can be taken individually. For credit breakdown, please see course listing online)

Earth Retention

Tuesday, August 27, 2019, 11:00 AM - 1:30 PM CDT **Tuition:** \$125

Deep Foundations

Wednesday, August 28, 2019, 11:00 AM - 1:30 PM CDT **Tuition:** \$125

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.

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Halfmoon Education is an approved continuing education provider with the Landscape Architecture Continuing Education System. See Stormwater Infiltration webinars for available HSW PDHs.

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.

New York engineers who wish to claim continuing education credit for the Technical Writing webinars are advised to attend all four webinars in the series. Individual webinars in this series will not be accepted.

Webinars are presented via *GoToWebinar*. Instructions and login information will be sent via email the day before the webinar.

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www.halfmoonseminars.org/faq/ or www.gotowebinar.com.**

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