

Faculty

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

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*.

Special Inspections

Michael Berry, P.E., C.B.O., C.W.I., M.S.I., specializes in performing International Building Code (IBC) Chapter 17 special inspections; earthwork and site work inspections and testing; assisting with mechanical, plumbing, building, and electrical inspections; and consulting and code interpretation of IBC, NFPA, AWS D1.1, ASME IX, and ASME B31.1.

Component Tolerance Analysis

Robert C. Hoffman, Jr., P.E., of Creative Product Solutions, LLC, in Coloma, Michigan has 33 years of experience in both the automotive and consumer products fields. His experience includes extensive use of simulation-based design tools, design of electro-mechanical sub-systems and system-level optimization through sequential learning using design of experiments (DOE). Mr. Hoffman also has experience with the reduction of performance variation using component of variation (COV) studies as well as all aspects of testing and production approval of electro-mechanical products including safety, performance, reliability, and quality.

HEC-RAS Webinar Series

Gregory H. Nail, PhD, PE, is an associate professor in the Engineering Department at the University of Tennessee at Martin where he teaches a variety of courses including fluid mechanics, hydraulics and hydrology, and hydraulic and hydrologic modeling. He is a former member of the Executive Committee of the Tennessee American Water Resources Association, and he has lectured on various HEC-RAS modeling topics at the Annual Tennessee Water Resources Symposium, and at other venues.

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.

Slope Stability and Landslide Prevention

Curran E. Mohnhey, RG, CEG, is the Engineering Geology Program leader for the Oregon Department of Transportation. He is a registered geologist and a certified engineering geologist in Oregon with over 25 years of experience in Oregon and the western states. Mr. Mohnhey has been involved in the investigation, design, and mitigation of hundreds of landslides and rockfalls.

Slab-on-Grade Concrete and Pavement for Private Facilities

Feng Mu, Ph.D., is a senior engineer at PNA Construction Technologies and has a master's degree in Geotechnical Engineering and a doctorate degree in Pavement Engineering. He has over 10 years of experience in concrete paving, engineering and research and he has authored over 30 peer-reviewed technical papers, some of which have been highly recognized or awarded in the pavement community.

Robert Rodden, P.E. is an engineering manager at PNA. His nine years of experience with the American Concrete Pavement Association (ACPA), focused on assisting engineers and contractors with project designs and details, responding to technical service inquiries, and developing publications and tools to support the industry. He has contributed over 1,000 pages of published text, provided consulting services, and lead hundreds of presentations and discussions around the world on all aspects of concrete flatwork, including design, materials, construction, performance, preservation, and life-cycle cost analysis

October Webinar Series

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October Webinar Series

Solar Photovoltaic Project Design and Development

- Wednesday, October 2 and Thursday, October 3

Special Inspections - Thursday, October 10 and Friday, October 11

Component Tolerance Analysis - Thursday, October 17 and Friday, October 18

National Electrical Code

- Tuesday, October 22, Wednesday, October 23 and Thursday, October 24

Slope Stability and Landslide Prevention

- Thursday, October 24 and Friday, October 25

HEC-RAS Webinar Series - Tuesday, October 29 and Thursday, October 31

Slab-on-Grade Concrete and Pavement for Private Facilities

- Wednesday, October 30 and Thursday, October 31



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October Webinar Series



Solar Photovoltaic Project Design and Development

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

Special Inspections

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

Component Tolerance Analysis

Engineers: 6.5 PDHs

HEC-RAS Webinar Series

Engineers: 7.5 PDHs Floodplain Managers: 7.5 ASFPM CECs
Architects: 7.5 HSW CE Hours AIA: 7.5 LU|HSW

National Electrical Code

Engineers: 12.0 PDHs ICC: 1.2 CEUs (Electrical)
Architects: 12.0 HSW CE Hours AIA: 12.0 LU|HSW

Slope Stability and Landslide Prevention

Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW
LA/CES: 6.0 HSW PDHs Landscape Architects: 6.5 HSW CE Hours ASFPM: 6.5 CECs

Slab-on-Grade Concrete and Pavement for Private Facilities

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

Each webinar in these series earns continuing education credit.

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

Solar Photovoltaic Project Design and Development, Part I

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

Solar Photovoltaic Project Design and Development, Part II

Thursday, October 3, 2019, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

Special Inspections

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

Total Credits: Engineers: 6.0 PDHs **ICC:** .6 CEUs (Building)
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.)

Introduction to Chapter 17: Special Inspections

Thursday, October 10, 2019, 11:00 AM - 12:30 PM CDT **Tuition:** \$75

Soils and Foundations

Thursday, October 10, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75

Reinforced Concrete and Structural Steel

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

ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations

Friday, October 11, 2019, 1:00 - 2:30 PM CDT **Tuition:** \$75

Component Tolerance Analysis

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

Total Credits: Engineers: 6.5 PDHs

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

Introduction to Component Tolerance Analysis

Thursday, October 17, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Dimensional Tolerance Analysis

Thursday, October 17, 2019, 12:30 - 3:00 PM CDT **Tuition:** \$125

Application of Dimensional Tolerance Analysis

Friday, October 18, 2019, 11:00 AM - 2:15 PM CDT (incl. 15 min. break) **Tuition:** \$150

National Electrical Code

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

Total Credits: Engineers: 12.0 PDHs **ICC:** 1.2 CEUs - Electrical

Architects: 12.0 HSW CE Hours **AIA:** 12.0 LU|HSW

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

National Electrical Code, Part I

Tuesday, October 22, 2019, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

National Electrical Code, Part II

Wednesday, October 23, 2019, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

National Electrical Code, Part III

Thursday, October 24, 2019, 11:00 AM - 3:30 PM CDT (incl. 30 min. break) **Tuition:** \$200

Slope Stability and Landslide Prevention

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

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

Landscape Architects: 6.5 HSW CE Hours **LA/CES:** 6.5 HSW PDHs **ASFM:** 6.5 CECs

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

Slope Movement and Mechanisms

Thursday, October 24, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Slope Stabilization Methods

Thursday, October 24, 2019, 1:30 - 3:00 PM CDT **Tuition:** \$75

Landslide Hazard and Risk Assessment

Friday, October 25, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Slope Stabilization and Landslide Mitigation

Friday, October 25, 2019, 12:30 - 2:30 PM CDT **Tuition:** \$100

HEC-RAS Webinar Series

Series Tuition: ~~-\$375~~ **\$325** when you register for all four webinars

Total Credits: Engineers: 7.5 PDHs **Floodplain Managers:** 7.5 ASFPD CECs

Architects: 7.5 HSW CE Hours **AIA:** 7.5 LU|HSW

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

Hydraulic Principles and Applications

Tuesday, October 29, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Working with the HEC-RAS User Interface

Tuesday, October 29, 2019, 1:30 - 3:00 PM CDT **Tuition:** \$75

Water Surface Profiling

Thursday, October 31, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Steady Flow Surface Profile Demonstrations

Thursday, October 31, 2019, 1:30 - 3:30 PM CDT **Tuition:** \$100

Slab-on-Grade Concrete and Pavement for Private Facilities

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 LU|HSW

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

Concrete and Pavement Design Principles

Wednesday, October 30, 2019, 11:00 AM - 12:00 PM CDT **Tuition:** \$50

Exterior Concrete Pavement Design

Wednesday, October 30, 2019, 12:30 - 3:15 PM CDT (incl. 15 min. break) **Tuition:** \$125

Interior Concrete Slabs-on-Ground Design

Thursday, October 31, 2019, 11:00 AM - 1:00 PM CDT **Tuition:** \$100

Concrete and Pavement Maintenance and Sustainability

Thursday, October 31, 2019, 1:30 - 3:00 PM CDT **Tuition:** \$75

Continuing Education Credit Information

These live, interactive webinars are designed to qualify for continuing education credit for professional engineers and architects in all 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 registered as a continuing education provider with the American Institute of Architects Continuing Education System (No. J885). HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects.

Halfmoon Education is an approved continuing education provider with the Landscape Architecture Continuing Education System. See the Slope Stability and Landslide Prevention webinars for available HSW PDHs.

HalfMoon Education is an International Code Council Preferred Provider (No. 1232). See the Special Inspections and the National Electrical Code webinars for available CEUs.

The Association of State Floodplain Managers has approved the HEC-RAS Webinar Series. See listings for available CEUs.

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.

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