Learning Objectives

You’ll be able to:

Understand and use common terminology found in the National Electrical Code.

Review Ohm’s law, and discuss ground fault paths and electric shock hazards.

Review requirements for grounding electrode systems.

Identify AC systems to be grounded and AC systems not required to be grounded.

Differentiate grounding requirements for equipment fastened in place and equipment connected by cord and plug.

Comply with requirements for bonding of services, and for bonding conductors and jumpers.
Faculty

JD White  Consultant at Freelance Electrical System Design and Drafting

Mr. White’s past ten years with Columbus State Community College in Columbus, Ohio, as its Skilled Trades Program coordinator, has provided him with insights beyond teaching, including migration to semesters, and providing oversight of 164 apprenticeship courses and 28 open enrollment courses covering construction, carpentry, electrical, plumbing, and welding.

Mr. White helped craft 15 plans for study for various certificates, AAS majors, and ATS majors. He has been an active part of articulation agreements, with various vocational career programs and apprenticeship programs. He started a new open enrollment program in June of 2007, which had over 200 active students, and filled 28 course sections per term, prior to him handling it over to a new faculty member. Mr. White is presently working with 10 apprenticeship partnerships with various enrollment of 1,500 students. He has oversight of five labs, equipment, materials, and lab personnel.

Here’s what past attendees had to say about the program and presenter JD White:

“JD was great.” – General Contractor

“Great presenter. Kept full group engaged.” – Consulting Engineer

“Probably the best HEI course I have attended!” – Civil Engineer

“I'm an expert on this topic.” – Electrical Engineer

Seminar Information

Pittsburgh Airport Marriott
777 Aten Road
Coraopolis, PA 15108
(412) 788-8800

Registration  Lunch (On your own)
8:00 - 8:30 am  12:30 - 1:30 pm
Morning Session  Afternoon Session
8:30 am - 12:30 pm  1:30 - 5:00 pm

Tuition

$299 for individual registration
$279 for three or more simultaneous registrations.

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in many states, including Pennsylvania. Educators and courses are not subject to pre-approval in Pennsylvania.

The American Institute of Architects Continuing Education System has approved this course for .5 AIA/CES course information under this seminar listing. Only full attendance is reportable to the AIA/CES.

Architects and engineers seeking continuing education credits in other states will be able to claim the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility. The International Code Council has approved this event for .7 CEUs in the specialty area of Grounding and Bonding. Educators and courses are not subject to pre-approval in Pennsylvania.

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Additional Learning

Webinar Series

Distributed Batteries for Solar PV Systems

Compliance with the 2018 International Building Code

Compliance with the 2018 International Building Code, Part I

Compliance with the 2018 International Building Code, Part II

Compliance with the 2018 International Building Code, Part III

Tree Science

Biology and Benefits of Trees

Instructed is an expert on this topic. – Tree Infrastructure: Design Elements That Appreciate

Wed., April 15, 2020, 1:30 - 3:00 PM CDT

Trees and Site Requirements

Thurs., April 16, 2020, 11:00 AM - 2:00 PM CDT

Project Completion and Tree Threat Prevention

Thurs., April 16, 2020, 12:30 - 2:30 PM CDT

Structural Forensic Engineering

Overview of the Role of Forensic Engineering

Thurs., April 16, 2020, 11:00 AM - 12:30 PM CDT

Forensic Engineering Process and Forensic Engineering Report

Thurs., April 16, 2020, 1:00 - 3:00 PM CDT

Causes of Structural Failures

Fri., April 17, 2020, 11:00 AM - 12:30 PM CDT

Forensic Examination of Structures and Use in Litigation

Fri., April 17, 2020, 1:00 - 3:00 PM CDT

For more information and other online learning opportunities visit: www.halfmoonseminars.org/webinars/

Registration

National Electrical Code 2017: Grounding and Bonding
Coraopolis, PA – Friday, May 15, 2020

How to Register

Online: www.halfmoonseminars.org

Phone: 715-835-5900

Fax: 715-835-6066

Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

Complete the entire form. Attach duplicates if necessary.

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Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at $279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.