

# Agenda

*Presented by Jeffrey N. Gentile, P.E.*

## Development and Enforcement of International Plumbing Code

- Applicability of code
- Duties of code official
- Obtaining approvals and permits
- Participating in inspections and testing

## Chapters 2-5: Definitions, Regulations, Fixtures and Water Heaters

- Definitions
- General regulations
- Fixtures, faucets and fittings
- Water heaters

## Chapters 6-10: Water, Sanitary Drainage, Indirect Waste, Vents and Stacks

- Water supply and distribution
- Sanitary drainage
- Indirect/special waste
- Vents
- Traps, interceptors and separators

## Chapters 11-15: Storm, Piping, Non-Potable Systems, Irrigation and Appendices

- Storm drainage
- Special piping and storage systems
- Non-potable systems
- Irrigation systems
- Standards and appendices

**International Plumbing Code**  
Camp Hill, PA - Tuesday, January 22, 2019

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Halfmoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278



## Learning Objectives

### *You'll be able to:*

**Learn** about development and enforcement of the International Plumbing Code.

**Explore** requirements for obtaining approvals and permits.

**Discuss** fixtures, faucets, fittings and water heaters.

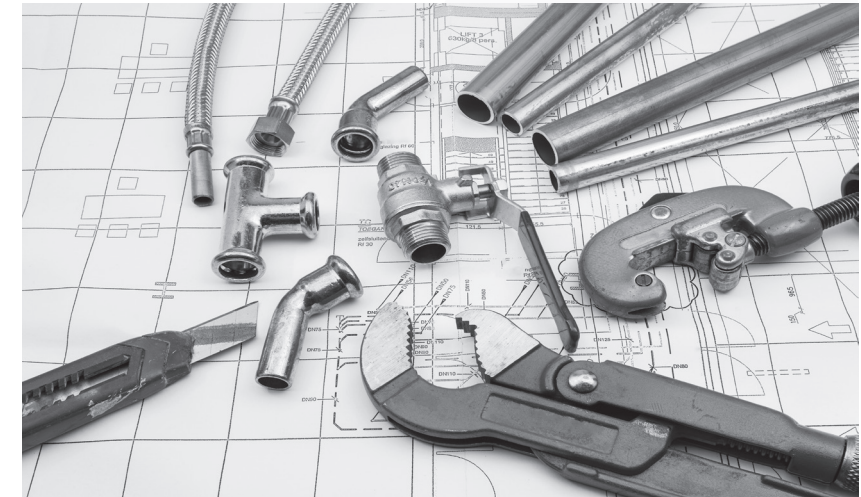
**Examine** water supply, sanitary drainage, indirect waste, vents and stacks.

**Review** storm drainage and special piping and storage systems.



# International Plumbing Code

*Camp Hill, PA - Tuesday, January 22, 2019*



**Learn** about development and enforcement of the International Plumbing Code

**Get** tips on obtaining approvals and permits

**Discuss** fixtures, faucets, fittings and water heaters

**Examine** water supply, sanitary drainage, indirect waste, vents and stacks

**Review** storm drainage and special piping and storage systems

## Continuing Education Credits

### **Professional Engineers**

7.0 PDHs

### **Architects**

7.0 HSW Continuing Ed. Hours

7.0 AIA HSW Learning Units

### **International Code Council**

.7 CEUs (Building)

### **Contractors**

Non-Credit Continuing Ed.



**HalfMoon Education Inc.**  
WWW.HALFMOONSEMINARS.ORG





**Jeffrey N. Gentile, P.E** *Director of Licenses & Inspection for Upper Darby Township*  
Mr. Gentile grew up in the Drexel Hill section of Upper Darby Township, Pennsylvania, where he still resides. He studied engineering at Albright College and Penn State University and earned a master’s degree in Civil Engineering from Villanova University. He is also a Pennsylvania licensed professional engineer. Mr. Gentile currently serves as the director of Licenses and Inspection and Community Development for Upper Darby Township, a position he has held for more than 20 years. He is a certified Pennsylvania UCC plan reviewer and inspector in multiple disciplines including building, accessibility, plumbing, mechanical and energy codes.

**Here’s what past attendees had to say about the program and presenter Jeffrey Gentile:**

- “Great job!” – *Building Inspector*
- “Very informative & entertaining.” – *Consulting Mechanical Engineer*
- “Jeffrey kept it loose and educational - - - well done.” – *Architect*
- “Good experience, engaging presentation style.” – *Facilities Manager*

# Seminar Information

|                                                                                                    |                                                                         |                                                                               |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Radisson Hotel Harrisburg</b><br>1150 Camp Hill Bypass<br>Camp Hill, PA 17011<br>(717) 763-7117 | Registration<br>8:00 - 8:30 am<br>Morning Session<br>8:30 am - 12:30 pm | Lunch (On your own)<br>12:30 - 1:30 pm<br>Afternoon Session<br>1:30 - 5:00 pm |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------|

**Tuition**  
**\$279** for individual registration  
**\$259** for three or more simultaneous registrations.  
*Each registration includes a complimentary continental breakfast and printed seminar manual. Registration does not include a copy of the code itself.*

**Receive a reduced tuition rate of \$101** by registering to be our on-site coordinator for the day. For availability and job description, please visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org).

**How to Register**

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

**Cancellations:** Cancel at least 48 hours before the start of the seminar (CDT), and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the self-study package. You may also send another person to take your place.



## Webinar Series

- Residential Energy Code**
- **Introduction to the Residential Energy Code and Mandatory Requirements**  
Thurs., Dec. 6, 2018, 11:00 AM - 12:30 PM CST
  - **IECC Residential Building Envelope Requirements**  
Thurs., Dec. 6, 2018, 1:00 - 2:30 PM CST
  - **IECC Residential HVAC Requirements**  
Fri., Dec. 7, 2018, 11:00 AM - 12:30 PM CST
  - **International Energy Conservation Permit Pathways**  
Fri., Dec. 7, 2018, 1:00 - 2:30 PM CST
- Stormwater Management Systems**
- **Stormwater Infrastructure Practices**  
Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST
  - **Infiltration Management Techniques**  
Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST
- NFPA 70E Series**
- **NFPA 70E, Part I**  
Weds., Dec. 26, 2018, 11:00 AM - 3:30 PM CST
  - **NFPA 70E, Part II**  
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

- Deep Foundations**
- **Deep Foundation Site Evaluation**  
Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST
  - **Overview of Deep Foundations**  
Weds., Dec.12, 2018, 12:30 - 2:00 PM CST
  - **Deep Foundation Pile Design**  
Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST
  - **Deep Foundation Installation and Testing**  
Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST
- Seismic Design and Construction**
- **Seismology and Building Codes**  
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST
  - **Seismic Design of Building Structures**  
Fri., Dec. 28, 2018, 11:00 AM - 3:30 PM CST

For more information and other online learning opportunities visit:  
[www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

## 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 most states, including Pennsylvania. Educators and courses are not subject to pre-approval in Pennsylvania.

The American Institute of Architects has approved this seminar for 7.0 HSW Learning Units. Only full attendance can be reported to the AIA/CES.

Engineers and architects seeking continuing education credit in other states will be able to apply 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 Building.

This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any contractor licensing entity for mandatory continuing education credit.

Attendance will be monitored and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

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

An audio recording of this seminar is available for \$289. Allow four weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

# Registration

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| How to Register                                                                   |  | Registrant Information                                                                                                                                              |
|-----------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Online:<br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |  | Name: _____                                                                                                                                                         |
|                                                                                   |  | Company/Firm: _____                                                                                                                                                 |
|                                                                                   |  | Address: _____                                                                                                                                                      |
|                                                                                   |  | City: _____ State: _____ Zip _____                                                                                                                                  |
| Phone:<br>715-835-5900                                                            |  | Occupation: _____                                                                                                                                                   |
|                                                                                   |  | Email: _____                                                                                                                                                        |
|                                                                                   |  | Phone: _____                                                                                                                                                        |
|                                                                                   |  | <b>Additional Registrants:</b>                                                                                                                                      |
|                                                                                   |  | Name: _____                                                                                                                                                         |
|                                                                                   |  | Occupation: _____                                                                                                                                                   |
|                                                                                   |  | Email: _____                                                                                                                                                        |
|                                                                                   |  | Phone: _____                                                                                                                                                        |
|                                                                                   |  | Name: _____                                                                                                                                                         |
|                                                                                   |  | Occupation: _____                                                                                                                                                   |
|                                                                                   |  | Email: _____                                                                                                                                                        |
|                                                                                   |  | Phone: _____                                                                                                                                                        |
|                                                                                   |  | Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. |
|                                                                                   |  | ( )  I need special accommodations. Please contact me.                                                                                                              |

## Tuition

- ( ) **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.
- ( ) **I am not attending.** Please send me the self-study package for **\$289.00**.
- ☐ Downloadable MP3 Audio/PDF Manual
- ☐ CD/Manual Package
- (Please allow four weeks from seminar date for delivery)

**Checks:** Make payable to HalfMoon Education Inc.

**Credit Card:** *Mastercard, Visa, American Express, or Discover*

Credit Card Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ CVV2 Code: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Signature: \_\_\_\_\_

Email: \_\_\_\_\_