

# 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

Princeton, NJ - Tuesday, November 12, 2019

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



## Learning Objectives

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

**Discuss** the applicability of the International Plumbing Code (IPC), as well as the process for obtaining approvals and permits.

**Reference** and comply with code provisions for fixtures and water heaters.

**Comply** with code provisions for water supply and distribution, sanitary drainage, indirect waste, vents and stacks.

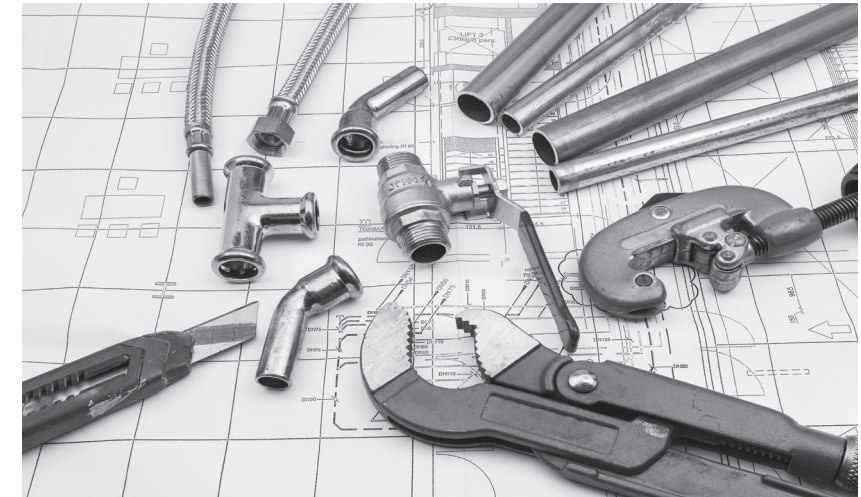
**Reference** code provisions for stormwater drainage, piping, non-potable systems and irrigation.



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# International Plumbing Code

Princeton, NJ - Tuesday, November 12, 2019



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

**Get** tips on participating in inspections and testing

**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 CPC Credits/PDHs

### **Contractors**

Non-Credit Continuing Ed.

### **Architects**

7.0 HSW Continuing Ed. Hours

7.0 AIA LU|HSW

### **International Code Council**

.7 CEUs (Building)

**AIA  
Continuing  
Education  
Provider**



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PREFERRED  
EDUCATION  
PROVIDER

# Faculty

**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>Hyatt Regency Princeton</b><br>102 Carnegie Center<br>Princeton, NJ 08540<br>(609) 987-1234 | 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**  
**\$289** for individual registration  
**\$269** 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.*

- 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, 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.

# Additional Learning

**Webinar Series**

**Solar Photovoltaic Project Design and Development**

- **Solar Photovoltaic Project Design and Development, Part I**  
Wed., Oct. 2, 2019, 11:00 AM - 2:15 PM CDT
- **Solar Photovoltaic Project Design and Development, Part II**  
Thurs., Oct. 3, 2019, 11:00 AM - 2:15 PM CDT

**Special Inspections**

- **Introduction to Chapter 17: Special Inspections**  
Thurs., Oct. 10, 2019, 11:00 AM - 12:30 PM CDT
- **Soils and Foundations**  
Thurs., Oct. 10, 2019, 1:00 - 2:30 PM CDT
- **Reinforced Concrete and Structural Steel**  
Fri., Oct. 11, 2019, 11:00 AM - 12:30 PM CDT
- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**  
Fri., Oct. 11, 2019, 1:00 - 2:30 PM CDT

**Component Tolerance Analysis**

- **Introduction to Component Tolerance Analysis**  
Thurs., Oct. 17, 2019, 11:00 AM - 12:00 PM CDT
- **Dimensional Tolerance Analysis**  
Thurs., Oct. 17, 2019, 12:30 - 3:00 PM CDT
- **Application of Dimensional Tolerance Analysis**  
Fri., Oct. 18, 2019, 11:00 AM - 2:15 PM CDT

**National Electrical Code**

- **National Electrical Code, Part I**  
Tues., Oct. 22, 2019, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part II**  
Wed., Oct. 23, 2019, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part III**  
Thurs., Oct. 24, 2019, 11:00 AM - 3:30 PM CDT

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 up to 7.0 CPC credits/PDHs to professional engineers and 7.0 HSW continuing education hours to architects in New Jersey. HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

This event has been approved by the American Institute of Architects Continuing Education System for 7.0 LU|HSW (Sponsor No. J885). Courses approved by the AIA/CES qualify for New Jersey architects. Only full attendance can be reported to the AIA/CES. Visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for complete AIA/CES information under this course listing.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

This seminar offers a non-credit continuing education opportunity to contractors; it has not been approved in any state that has a contractor continuing education requirement.

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 Audio from the Live Seminar as a Self-Study Package!**

Audio recordings of this seminar are available for purchase starting at \$269. 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.

# Registration

## International Plumbing Code

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| How to Register                                                                          |  | Registrant Information                                                                                                                                              |  |
|------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Online:</b><br><a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a> |  | Name: _____                                                                                                                                                         |  |
|                                                                                          |  | Company/Firm: _____                                                                                                                                                 |  |
|                                                                                          |  | Address: _____                                                                                                                                                      |  |
|                                                                                          |  | City: _____ State: _____ Zip _____                                                                                                                                  |  |
| <b>Phone:</b><br>715-835-5900                                                            |  | Occupation: _____                                                                                                                                                   |  |
|                                                                                          |  | Email: _____                                                                                                                                                        |  |
|                                                                                          |  | Phone: _____                                                                                                                                                        |  |
| <b>Fax:</b><br>715-835-6066                                                              |  | <b>Additional Registrants:</b>                                                                                                                                      |  |
| <b>Code:</b>                                                                             |  | Name: _____                                                                                                                                                         |  |
|                                                                                          |  | Occupation: _____                                                                                                                                                   |  |
|                                                                                          |  | Email: _____                                                                                                                                                        |  |
|                                                                                          |  | Phone: _____                                                                                                                                                        |  |
|                                                                                          |  | Name: _____                                                                                                                                                         |  |
|                                                                                          |  | Occupation: _____                                                                                                                                                   |  |
|                                                                                          |  | Email: _____                                                                                                                                                        |  |
|                                                                                          |  | Phone: _____                                                                                                                                                        |  |
| <b>Mail:</b><br>HalfMoon Education Inc.,<br>PO Box 278, Altoona, WI<br>54720-0278        |  | 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. |  |
| <b>Complete the entire form.</b> Attach duplicates if necessary.                         |  | ( )  I need special accommodations. Please contact me.                                                                                                              |  |

**Tuition**

( ) **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

( ) **I am not attending.** Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$269.00**.

☐ CD/Manual Package for **\$289.00**.

(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: \_\_\_\_\_

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

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