Learning Objectives

You’ll be able to:

- **Understand** signing and sealing of engineering documents.
- **Discuss** the investigatory and disciplinary practices of the New York State Education Department.
- **Review** basics of contract law and business law for engineers.
- **Examine** ethical issues in professional engineering practice.

Outline developments in federal and New York state environmental law.

### Agenda

**Presented by Matthew A. Noviello, Esq., P.E., L.S.**

#### Contract Law Primer for Engineers
- Reviewing the necessary elements of any contract
- Understanding contract “legalese”
  - Determining performance
  - What constitutes a breach of contract?
  - What are damages and remedies?
  - Liability-shifting contract provisions: warranties, guarantees and indemnities
- Making changes to contracts

#### Engineering Business Law
- Understanding forms of business organizations
  - Corporations, partnerships, limited liability companies, sole proprietorships
- Complying with regulations governing design firms
- Preventing the unauthorized practice of engineering
- Understanding tax issues for business organizations
- Understanding employment law issues

#### Signing and Sealing Engineering Documents
- Meaning of seal and signature
- Applying the seal and signature
- Sealing work done by others
- Best practices for drawings, specifications and reports
- As built/record drawings

#### Handling Ethical Issues in Professional Engineering Practice
- Promoting health and welfare vs. managing risk: complementary or conflicting duties?
- Protecting the environment: meeting or exceeding legal requirements
- Watching the bottom line: identifying and balancing economic pressures in design and construction
- Integrating new technologies: identifying and balancing the benefits and risks

#### Understanding the Investigatory and Disciplinary Practices of the New York State Education Department
- Understanding the Department’s disciplinary powers
- Reviewing prohibited practices and grounds for disciplinary action
- Investigatory procedures
- Disciplinary hearings
- Administrative and other penalties and enforcement

#### Developments in Federal and New York State Environmental Law
- Reviewing recent changes to and enforcement of:
  - Pollution prevention
  - Water quality enforcement
  - Stormwater permitting
  - Watersheds, wetlands, lakes and streams
- Reviewing recent and anticipated developments at the US EPA and the New York State Department of Environmental Conservation

### New York Engineering Law and Ethics

**Albany, NY - Wednesday March 4, 2020**

**Rochester, NY - Thursday, March 5, 2020**

- **New York Engineering Law and Ethics**
  - Examine ethical issues in professional engineering practice
  - Discuss the investigatory and disciplinary practices of the New York State Education Department
  - Understand signing and sealing of engineering documents
  - Outline developments in federal and New York state environmental law
  - Review basics of contract law and business law for engineers

### Continuing Education Credits

This course offers New York professional engineers 7.0 continuing education hours, including 1.0 ethics hour.
Faculty

Matthew A. Noviello
Principal in Noviello & Noviello, Esqs. and Principal in Matthew A. Noviello, P.E., J.S. in Carmel, NY
Mr. Noviello is an attorney-at-law, a professional engineer, and land surveyor who enjoys teaching. He has taught real property law, survey law and, more recently, alpine skiing. Mr. Noviello received his Masters of Engineering degree, his Bachelor of Science degree in Industrial Engineering, with honors, and his AAS degree in Engineering, all from Rochester Institute of Technology. He received his juris doctor degree from Rutgers University School of Law-Newark. Mr. Noviello has maintained a professional engineering firm and a general practice law firm since 1984, and he has practiced land surveying since 1991, with ten years in industry and six years in government. He is a licensed professional engineer in the states of New York, Connecticut, New Jersey, and Pennsylvania. Mr. Noviello is a New York and Connecticut licensed land surveyor. He holds law licenses in New York State Courts, US Supreme Court, Federal Court for the Southern District of New York and Federal Court for the State of New Jersey.

Additional Learning
Webinar Series
Foundation in Cold Regions
• Introduction to Foundations in Cold Regions
  Thurs., Feb. 20, 2020, 1:00 - 2:30 PM CST
• Deep Foundation Design in Cold Regions
  Fri., Feb. 21, 2020, 11:00 AM - 12:30 PM CST
• Foundation Construction in Cold Regions
  Fri., Feb. 21, 2020, 1:00 - 2:00 PM CST

Soil Mechanics and Slope Stability
• Soil Investigation and Classification
  Tues., Feb. 25, 2020, 11:00 AM - 1:00 PM CST
• Reviewing Hydraulic and Mechanical Properties of Soils
  Tues., Feb. 25, 2020, 1:30 - 5:00 PM CST
• Determining and Increasing Bearing Capacity
  Wed., Feb. 26, 2020, 11:00 AM - 1:00 PM CST
• Determining and Increasing Slope Stabilty
  Wed., Feb. 26, 2020, 1:30 - 3:00 PM CST

Designing for Climate Resilience
• Current and Anticipated Climate Effects on Structures and Communities
  Thurs., Feb. 27, 2020, 11:00 AM - 12:30 PM CST
• Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns
  Thurs., Feb. 27, 2020, 1:00 - 3:00 PM CST
• Studying the Impact of Extreme Weather
  Fri., Feb. 28, 2020
• Events on Structures and Communities
  Fri., Feb. 28, 2020, 1:00 - 3:00 PM CST
• Adapting Sites, Outdoor Spaces, New Construction and Existing Buildings to Withstand Extreme Weather Events
  Fri., Feb. 28, 2020, 1:00 - 5:00 PM CST

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

Schedule
Registration
8:00 - 8:30 am
Lunch (On your own)
11:45 am - 12:45 pm
Morning Session
Afternoon Session
8:30 - 11:45 am
12:45 - 5:00 pm

Continuing Education Credit Information
This seminar is open to the public and offers up to 7.0 continuing education hours, including 1.0 ethics hour, to New York professional engineers.

HalfMoon Education is deemed a New York-approved continuing education provider for engineers via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2)). Engineers seeking continuing education credit in other states will be able to apply the hours earned at this event, in most cases. Refer to specific state rules to determine eligibility.

Attention 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.

Seminar Information
Wednesday March 4, 2020
Hilton Garden Inn Albany Airport
800 Albany Shaker Road
Albany, NY 12211
(518) 464-6666

Thursday March 5, 2020
Rochester Airport Marriott
1890 Ridge Road West
Rochester, NY 14615
(585) 225-6880

Tuition
$269 for individual registration
$260 for three or more simultaneous registrations.

Included with your registration:
Complimentary continental breakfast and printed seminar manual

How to Register
• Visit us online at www.halfmoonseminars.org
• Mail-in or fax the attached form to 715-835-5900
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Cancellations:
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. You may also send another person to take your place.

Registration
New York Engineering Law and Ethics
Albany, NY - Wednesday March 4, 2020
Rochester, NY - Thursday, March 5, 2020

How to Register
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Complete the entire form. Attach duplicates if necessary.

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