



Northeast Gas Association 2024 Gas Operations School Course Overview

Wednesday, June 5 Sessions & Times

(15 Sessions From All 3 Days for GOS Course Completion Certificate)

| 2024 | Innovation/ Management Building: Fisher (FSC) Room: 2AB | Corrosion Building: Management Resource Center (MRC) Room: 354/353 | Customer Service Building: Fisher (FSC) Room: Pappitto | Distribution Building: Management Resource Center (MRC) Room: MRC4 | Construction Building: Fisher (FSC) Room: Heritage | Gas Supply, Storage & Transmission Building: Bello Room: Grand Hall | Measurement/Control/ System Design Building: Management Resource Center (MRC) Room: 351/352 |
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| 8:00 - 9:00 | PSMS Tactical Guide Implementation for Front Line Supervisors <i>Tactical to Practical</i> Instructor: Bob Wilson | Corrosion Control for Natural Gas Distribution Systems Instructor: Jeff Fontaine | Residential Regulators Instructor: Tim Lonergan | Gas Operations System Operating Procedures Instructors: Jenny Angelari & Steve Dombrowski | Pressure Testing Instructor: Aaron Audette | Introduction to Gas Supply and Control Instructor: John Salemi and Vincent Acquavita | Bridge & Rail Crossing Design & Construction Instructor: John Tirrell |
| 9:15 – 10:15 Break with the Exhibitors | | | | | | | |
| 10:30 – 11:30 | Connecting Personal Safety, Process Safety & Pipeline Safety – How It All Fits Together Instructor: Bob Wilson | CP Line Locating and Fault Finding Instructor: Larry Verga | Atmospheric Corrosion Inspection and Classification Instructor: Dana Hatch | Job Site Safety – Excavation & Trenching Instructor: Matt Damato | Facility Locating/Class (Hands-on) Instructor: Eric Denslow | New Technologies at the City Gate Instructor: Kevin Foley | Meter Sizing and Selection Instructor: Kasey Howe |
| 11:45 -1:00 LUNCH WITH THE EXHIBITORS: <i>This Counts as a Session</i> | | | | | | | |
| 1:15 – 2:15 | Practical Aspects of Management of Change in LDC Operations Instructor: Bob Wilson | Exploring Proper Surface Preparation Standards for Applying Pipeline Coatings Instructor: Ramon Pelaez | Meter Installation Instructor: Scott Crocker | Prevention & Mitigation of Gas System Over-Pressurization Instructor: Mark Dupuis | Facility Locating/Class Instructor: Eric Denslow | Natural Gas Markets, Prices, and Happenings Instructor: Chris Mullen | Portable LNG as a Supply Source Instructor: Carl Hogue |
| Break | | | | | | | |
| 2:30 – 3:30 | O&M Procedures as a Pipeline Safety Influencing Tool; Effective <i>Style, Format & Content</i> Instructor: Bob Wilson | Basics of Field Applied Coatings Instructor: Shane Quackenbush | Incident Investigation for First Responders Instructor: Brad Thomas | Damage Prevention Instructor: Chris Clark | Pigging distribution piping Instructor: Steve Dombrowski | RNG as a Supply Source, the Why and How Instructor: Ryan Hess | Residential and Commercial Regulators: Sizing and Selection Instructor: Jason Rosen |
| 4:30 – 6:30 | Gas Rodeo Hands on Event and BBQ Dinner, Snacks & Beverages | | | | | | |

Thursday, June 6 Bus Tours & Times

(15 Sessions from All 3 Days for GOS Course Completion Certificate)

Bus Tours: Sign Up Wednesday in The Gym During Lunch

1. Tour: Corrosion – Eversource Shrewsbury, MA – Hands-on Corrosion Work
2. Tour – Customer Service – Half Day to Shrewsbury, MA
3. Tour – Gas Supply – MA Firefighting Academy and LNG Tour, Stowe, MA

PPE Required For All Tours:

Attendees must bring long pants, sturdy work shoes, hard hat, safety glasses, safety vests, and photo ID to gain entry!

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| 2024 | Innovation/ Management | Corrosion | Customer Service | Distribution | Construction | Gas Supply, Storage & Transmission | Measurement/Control/ System Design |
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Thursday, June 6 Sessions & Times

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| 8:00 – 9:00 | Leak Detection Technology and Advancements Instructor: Brad Thomas | Corrosion Control Hands On Workshop – Eversource Training Facility, Shrewsbury, MA | Dealing with Code Violations Instructor: David Brogan | Kleiss Flow Stopping Instructor: John Zuccaro | Understanding static electricity in natural gas piping systems Instructor: Dirk Smith | Basics of Field Monitoring and Controlling of Pressure and Flow (Part 1) Instructor: Scott Laplante | Distribution System Modelling Instructor: Brandon Flynn |
| 9:15 – 10:30 | Technologies for Emissions Reduction Instructor: Elizabeth Gillick | Corrosion Control Hands On Workshop – Eversource Training Facility, Shrewsbury, MA | Gas Pipe Sizing Instructor: Dan Lyne | Trenchless Technology (Part 1) Instructor: George Ragula | Plastic Pipe Joining (Part 1) Instructor: Mike Anson, Gene Cote, Steve Joslyn, Ernie MacDonald | Basics of Field Monitoring and Controlling of Pressure and Flow (Part 2) Instructor: Scott Laplante | Fundamentals of District Regulator Station Design Instructor: Sean Powell, Mark Lamping |
| BREAK | | | | | | | |
| 10:45-12:00 | Live Gas Main CCTV - Benefits and Use Cases Instructor: Elizabeth Gillick | Corrosion Control Hands On Workshop – Eversource Training Facility, Shrewsbury, MA | Carbon Monoxide Hazards and Responses Instructor: Scott Crocker | Trenchless Technology (Part 2) Instructor: George Ragula | Plastic Pipe Joining (Part 2) Instructor: Mike Anson, Gene Cote, Steve Joslyn, Ernie MacDonald | Weather Forecasting and How it is Used to Predict Gas Load Instructor: Rich Wilson | Basic Gas Laws Instructor: Kasey Howe |
| 12:00 -1:15 | LUNCH | | | | | | |
| 1:15 – 2:15 | Underground Assets – Sustainable Energy Programs Instructor: Pradheep Kileti | Bus Tour Shrewsbury: Corrosion Control Hands On Workshop – Eversource Training Facility | Bus Tour Shrewsbury: Instructor Hands-on Leak Investigation Instructor: Brad Thomas | Overview of Gas Incident Investigation Instructor: Walter Munro | Plastic Pipe Joining (part 3) Instructor: Mike Anson, Gene Cote, Steve Joslyn, Ernie MacDonald | LNG/CNG Supply Overview, System Consideration and Planning Instructor: Tom Kennedy | Critical Valve Maintenance Instructor: John Rafferty |
| 2:30 – 3:45 | Major Project Stakeholder Instructor: Marc Lucas | Bus Tour Shrewsbury: Corrosion Control Hands On Workshop – Eversource Training Facility | Bus Tour Shrewsbury: Instructor Hands-on Leak Investigation Instructor: Brad Thomas | Lessons Learned from Gas Utility Incidents Instructor: Tony Tetto | Pipe Squeezing & Flow Control 101 Instructor: James Taylor | The Basics of Pickling a New Natural Gas Pipeline Instructor: Wesley Lucas | Gate Station Design 1 Instructor: Pat Callahan |
| BREAK | | | | | | | |
| 4:00 – 5:00 | How to Perform Ventless Purging with ZEVAC Technology Instructor: Doug Sahn, | Bus Tour Shrewsbury: Corrosion Control Hands On Workshop – Eversource Training Facility | Bus Tour Shrewsbury: Instructor Hands-on Leak Investigation Instructor: Brad Thomas | Strategies & Tools for a Proper Incident Investigation Instructor: Mubashar Ahmed | Bagging and Stopping/ P/JQ 101 Instructor: Ernest MacDonald | Odorization after the meter Instructor: Scott Laplante | Gate Station Design 2 Instructor: Pat Callahan |

Friday, June 7 Sessions & Times (15 Sessions from All 3 Days for GOS Course Completion Certificate)

| 2024 | Innovation/ Management | Corrosion | Customer Service | Distribution | Construction | Gas Supply, Storage & Transmission | Measurement/Control/ System Design |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 8:00-9:00 | Measuring Methane Emissions Across a Gas Distribution Utility's Network with Geospatial Analytics Instructor: Sean Donegan | Bridge Crossings & Casings– Coatings Inspection and Repair Instructor: Adam Day | Incident Command Instructor: James Puleo | Welding Fundamentals & Hands-On For 1st Timers, Session 1 Instructors: Andrew Cardin & Joseph Cardin | Theory & industry practices used to temporarily stop the flow of gas Instructor: Tim Lonergan | LNG Peak Shaving Plants - Life Extensions Instructor: Anthony Sweeney | Fundamentals of Odor Level Testing Instructor: Greg Ebert |
| BREAK | | | | | | | |
| 9:30 – 10:45 | AMI Smart Meter Technology Instructor: Cody Johnson | Specifications for CP Isolation Fittings Instructor: Michael Pieciuk | Fire Investigation Instructor: James Puleo | Welding Fundamentals & Hands-On For 1st Timers, Session 2- Hands on Instructors: Andrew Cardin & Joseph Cardin | Methane Emissions Roundtable Discussion Instructor: Doug Sahn | Hydrogen Supply - Overview, System Consideration and Planning Instructor: Christopher Cavanagh | Enhanced peak shaving with CNG Instructors: Ryan Garcia, PE |
| 11:00 – 12:00 | Network Geothermal Systems Instructor: Eric Bosworth | Corrosion Control Roundtable Instructor: Adam Day | Terrorism Instructor: James Puleo | Welding Fundamentals & Hands-On For 1st Timers, Session 3- Hands on Instructors: Andrew Cardin & Joseph Cardin | Material Tracking and Traceability – Regulations and Technology Instructor: Alicia Farag | Gas Transmission – Wellhead to City Gate Instructor: Robert Perless and Christopher Stutz | Severe weather resiliency in design Instructors: Craig A. Thomas, PE |

Monitors:

Added Session Anyone can come!!!
Every two stations = 1 scan

Hands-On Pipe Joining Session In the MAC (gym)

Hands-On for 1st Timers” sessions on Friday morning (8 am – 12 pm)

- Plastic Pipe Fusion
- Electrofusion
- Mechanical Fittings

- Squeeze-Offs
- Bag-Off's
- Mechanical Tapping & Stopping

Added Session Anyone can come!!!
Every two stations = 1 scan

**Go to the different stations and collect stickers to count for up to 3 scans in total,
for the course completion certificate!**