



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
8:00 - 9:00	PSMS Event Learning & Lessons Learned – <i>Learning From Our Past to Enhance Safety Culture</i> Instructor: Megan Cyr	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	A Contractors Approach to PSMS Conformance Instructor: Brian McMorrow	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	Intent Based Leadership (IBL) – Influencing PSMS Engagement Instructor: Mike DeMarino	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	Practical Aspects of Management of Change in LDC Operations Instructor: Charles May	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!

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

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: Dennis Semet	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: 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: 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: Gene Cote, Steve Joslyn, Ernie MacDonald	LNG/CNG Supply Overview, System Consideration and Planning Instructor: Tom Kennedy	Distribution & Transmission Valves and Valve O&M 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	Pushing Past Uncertainty: Join our Incident Analysis as we Navigate to True Root Causes for a Natural Gas Incident	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: Chief Brian Nardell	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: Chief Brian Nardell	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: Instructor: Chief Brian Nardell	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!**