

Distribution

6:30-7:45 (Daily) Breakfast in Salmanson Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Management Resource Center
Room MRC-4

9:30-10:45 Gas Operations- System Operating Procedures

11:00-12:30 Lunch with the Exhibitors

12:45-1:45 Kleiss Flow Stopping

2:00-3:15 Incident Investigation

3:15-3:30 Break

3:30-4:30 Lessons Learned from Gas Utility Incidents

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Thursday Sessions: Building: Management Resource Center
Room: MRC-4

8:00-9:00 Properties of Gas and Abnormal Operating Conditions

9:15-10:30 Trenchless Technology

10:30-10:45 Break

10:45-12:00 Trenchless Technology (Continued)

12:00-1:15 Lunch in Salmanson Dining Hall

1:15-2:15 Prevention and Mitigation of Gas System
Over pressurization

2:30-3:45 Damage Prevention -A Shared Responsibility

3:45- 4:00 Break

4:00-5:00 Job Site Safety – Excavation and Trenching

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Friday Sessions: Building: Management Resource Center
Room: MRC-4

8:00-9:15 Welding Fundamentals Classroom

9:15-9:30 Break

9:30-12:00 Welding Fundamentals Hands-On *

*Must Attend Classroom Session to participate in Hands On

Customer Service

6:30-7:45 (Daily) - Breakfast in Salmanson Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Fisher Student Center
Room: Papitto

9:30-10:45 Residential Regulators – Basic Operation

11:00-12:30 Lunch with the Exhibitors

12:45-1:45 Odor Investigation 1st Responder Part 1

2:00-3:15 Odor Investigation 1st Responder Part2

3:15-3:30 Break

3:30-4:30 Incident Investigation for 1st Responders

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Thursday Sessions: Building: Fisher Student Center
Room: Papitto

8:00-9:00 Dealing With Code Violations

9:15-10:30 Meter Installation

10:30-10:45 Break

10:45-12:00 Carbon Monoxide Investigation

12:00-1:15 Lunch in Salmanson Dining Hall

*Tour: **Bus departs Bryant at 1:00 PM – Eversource, Shrewsbury**

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Friday Sessions: Building: Fisher Student Center Room: Papitto

8:00-9:15 Incident Command

9:15-9:30 Break

9:30-10:45 Fire Investigation

11:00-12:00 Terrorism

Corrosion

6:30-7:45 (Daily) Breakfast in Salmanson Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Management Resource Center
Room: DR1 (lower level)

9:30-10:45 Corrosion Control for Natural Gas Distribution Systems

11:00-12:30 Lunch with the Exhibitors

12:45-1:45 Case Study of What's New in Pipeline Integrity

Management

2:00-3:15 Recognition and Assessment of Atmospheric Corrosion

3:15-3:30 Break

3:30-4:30 Basics of Field Applied Coatings

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Thursday Sessions: Building: Management Resource Center
Room: DR1 (lower level)

***Corrosion Tour: Bus departs Bryant at 8:00 AM – Eversource, Shrewsbury**

8:00-10:30 PSMS Workshop

10:30-10:45 Break

10:45-12:00 PSMS Workshop

12:00-1:15 Lunch in Salmanson Dining Hall

1:15-3:45 PSMS Workshop

3:45-4:00 Break

4:00-5:00 PSMS Workshop

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Friday Sessions: Building: Management Resource Center
Room: DR1 (lower level)

8:00-9:15 Case Study: AC Mitigation

9:15-9:30 Break

9:30-10:45 Specifications of Isolation Fittings

11:00-12:00 Specifications for Isolating Materials for CP System

Design

Innovation / Management

6:30-7:45 (Daily) Breakfast in Salmanson Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building Academic Innovation Center Room: 118
9:30-10:45 PSMS Implementation, Safety Culture Assessment

Quick Tips

11:00-12:30 Lunch with the Exhibitors

12:45-1:45 PSMS Tactical Guide Utilization Strategies

2:00-3:15 PSMS Operational Controls; O&M Procedure

Guideline

3:15-3:30 Break

3:30-4:30 Management of Change for LDC Operations

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Thursday Sessions: Building Academic Innovation Center Room: 118
8:00-9:00 Leak Detection Technology and Advancements

9:15-10:30 Acoustic Cross Bore Detection Technology

10:30-10:45 Break

10:45-12:00 Inspections Live Gas Distribution CCTV and Remote
Repair Technologies

12:00-1:15 Lunch in Salmanson Dining Hall

1:15-2:15 Alternative Energy (Ex. Hydrogen and Geothermal)

2:30-3:45 Major Project & Stakeholder Management

3:45-4:00 Break

4:00-5:00 Methane Emission Reduction Technologies &
Roundtable

5:00-6:00 Dinner (**Wed & Thurs**) in Salmanson Dining Hall

Friday Sessions: Building Academic Innovation Center
Room: 118

8:00-9:15 Open Network Communications

9:15-9:30 Break

9:30-10:45 Nondestructive Testing of PE Butt Fusions

11:00-12:00 Renewable Natural Gas - Newtown Creek NY Project



2022 NGA

Gas Operations

School and Exhibit Hall

Student Dates: June 8-10

Exhibit Hall Hours:

June 7th 1:00 PM—5:45 PM and
June 8th lunch 11:00 AM -12:30 PM

*Thank you to everyone who has
made this school possible!*

*A special thank you to the 2022
GOS Chair, Holly McGovern; Vice
Chair, Mark Gunsalus and the
GOS Committee members!*

Tours

Thursday Tours:
8:00 AM Departure: MA Fire Academy and LNG Plant Tour
8:00 AM Departure: Corrosion Full Day Tour, Eversource,
Shrewsbury

1:00 PM Departure: Customer Service Half Day Tour, Eversource,
Shrewsbury

Sign up boards for all tours will be available in the gym at lunch on
Wednesday 11:00AM—12:30PM.
Shrewsbury

You must be pre-registered to attend tours.

*PFES For All Tours: Attendees must bring Long Pants, Sturdy Work
Shoes and Photo ID to gain entry

Name Badge

Your name badge holds the key to your attendance! The name badge
has your individual bar code number on it. After each session you at-
tend, the class monitor will scan your badge to record your attendance.
Don't leave your Name Badge behind!

Thank You Gold Sponsors!

ASTAR / ZEVAC

Cornerstone Energy Services, Inc.

Emerson

Industrial Training Services

ISCO

Progressive Pipeline Management

Special Class and Evening Activities

Information

Friday, June 10th 8:00am—12:00pm

Hands-On Pipe Joining Session

In the MAC (gym)

Hands-On for 1st Timers sessions

Visit the different stations and collect stickers to count for up to 3 scans

in total, for the course completion certificate!

Every two stations is equal to 1 scan

Evening Activities

Tuesday June 7th

6:00 PM-8:00 PM Clambake

8:00 PM-10:00 PM Volleyball

Wednesday June 8th

6:00 PM-8:00 PM Gas Rodeo

Sponsored by: Mulcare Pipeline Solutions

Thursday June 9th

6:00 PM-8:00 PM Softball

Sponsored by: Powell Controls Inc. & NEUCO Inc.

System Design

6:30-7:45 (Daily) Breakfast in Salmonsom Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Fisher Student Center Room: 2 A/B

9:30-10:45

Bridge Crossings

Lunch with the Exhibitors

11:00-12:30

Meter Sizing and Selection

12:45-1:45

Portable LNG as a Supply Source

2:00-3:15

Break

3:15-3:30

Residential and Commercial Regulators: Sizing and

Selection

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Dining Hall

Thursday Sessions: Building: Fisher Student Center Room: 2 A/B

8:00-9:00

Smart Metering Roundtable

9:15-10:30

Fundamentals of District Regulator Station Design

10:30-10:45

Break

10:45-12:00

Basic Gas Laws

12:00-1:15

Lunch in Salmonsom Dining Hall

1:15-2:15

Critical Valve Maintenance

2:30 3:45

Gate Station Design 1

3:45 4:00

Break

4:00-5:00

Gate Station Design 2

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Dining Hall

Friday Sessions: Building: Fisher Student Center Room: 2 A/B

8:00-9:15

Fundamentals of Odorization and Odor Level Testing

9:15-9:30

Break

9:30-12:00

Prevention of Gas System Overpressure

Gas Supply, Storage & Transmission

6:30-7:45 (Daily) Breakfast in Salmonsom Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Bello Center Room: Grand Hall

9:30-10:45

Introduction to Gas Supply & Control

11:00-12:30

Lunch with the Exhibitors

12:45-1:45

New Technology at the City Gate

2:00-3:15

Basics of Field Monitoring & Controlling of Pressure

3:15-3:30

Break

3:30-4:30

Introduction to Natural Gas Markets and Pricing

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Dining Hall

Thursday Sessions: Building: Bello Centre Room: Grand Hall

***Tour: Bus departs Bryant at 8:00 AM – MA Fire Academy**

8:00-9:00

Portable LNG and CNG as a Supply Source

9:15-10:30

Weather Forecasting and How it is Used to Predict

Gas load

10:30-10:45

Transmission Wellhead to City Gate

12:00-1:15

Lunch in Salmonsom Dining Hall

1:15-2:15

The Basics of Pickling a New Natural Gas Pipeline

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Hall

Friday Session

Building: Bello Center Room: Grand Hall

8:00-9:15

LNG/CNG Supply Planning - Overview and System

9:15-9:30

Break

9:30-10:45

RNG Supply- Overview, System Considerations

11:00-12:00

Hydrogen Supply - Overview, System Considerations

Construction

6:30-7:45 (Daily) Breakfast in Salmonsom Dining Hall

Wednesday 8:00-9:00 General Assembly in Janikies Hall

Wednesday Sessions: Building: Fisher Student Centre Room: Heritage

9:30-10:45

Pressure Testing

11:00-12:30

Lunch with the Exhibitors

12:45-3:15

Facility Locating & Markout

3:15-3:30

Break

3:30-4:30

Facility Locating & Markout (Continued)

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Dining Hall

Thursday Sessions: Building: Fisher Student Center

Room: Heritage

8:00-10:30

Pipe Joining Heat fusion Joining Methods

10:30-10:45

Break

10:45-12:00

Pipe Joining Heat fusion Joining Methods Continued

12:00-1:15

Lunch in Salmonsom Dining Hall

1:15-2:15

Static electricity Hazards in PE Pipe

2:30-3:45

Stopping Gas Flow: Squeeze-offs

3:45-4:00

Break

4:00-5:00

Stopping Gas Flow: Bag-offs

5:00-6:00

Dinner (**Wed & Thurs**) in Salmonsom Dining Hall

Friday Sessions: Building: Fisher Student Center

Room: Heritage

8:00-9:15

Hot Tapping, Stopping & Bypassing

9:15-9:30

Break

9:30-12:00

ZEVAC Technology—Zero Emissions for Main

Replacements