



BEGINNER

Tailored to Junior Engineers, Technicians & New Hires entering the Midstream industry

| Course Name | Delivery Format | PDHs |
|---|-----------------|-------------|
| Pipelines 101: An Introduction to the Pipeline Industry for New to The Industry Pipeline Professionals | Self-paced | |
| Fundamental Pipeline Knowledge | | |
| • Basic Pipeline Corrosion Theory | Self-paced | 1 PDH |
| • Basics of Internal Corrosion | Self-paced | 0.5 PDH |
| • Basics of Underground Coatings | Self-paced | 0.5 PDH |
| • Introduction to AC Interference on Buried Pipelines | Self-paced | 2 PDHs |
| • Introduction to Hydrostatic Testing | Self-paced | 1 PDH |
| • Introduction to ILI Tools and Technology | Self-paced | 1 PDH |
| • Introduction to Hydrostatic Testing | Self-paced | 1 PDH |
| • Introduction to ILI Tools and Technology | Self-paced | 1 PDH |
| • Introduction to Pipeline Hydraulics | Self-paced | 1 PDH |
| • Introduction to Pipeline Steels: Part 1: Composition and Processing | Self-paced | |
| • Introduction to Pipeline Steels: Part 2: Comparison of Steel Pipe Composition- Vintage vs. Modern | Self-paced | |
| • Introduction to Pipeline Steels: Part 3: Introduction to Fitting and Bending | Self-paced | |
| • Introduction to Pipeline Steels: Part 4: Types of Pipe and Other Alloys | Self-paced | |
| • Introduction to Pipeline Steels: Part 5: Codes and Standards Relevant to Pipes and Fittings Materials | Self-paced | |
| Ethics | | |
| • Ethics in Engineering for Professional Pipeline Engineers | Self-paced | 1 PDH |
| Emerging Tech | | |
| • Introduction to Green Energy and Climate Solutions | Self-paced | 1 PDH |
| Regulatory Compliance | | |
| • Navigating the Code of Federal Regulations | Self-paced | 1 PDH |
| • Introduction to RIN2 | Self-paced | 1 PDH |
| • Title 49 Part 192: Module 1 | Self-paced | 0.5 PDH |
| • Title 49 Part 192: Module 2 | Self-paced | 0.5 PDH |
| • Title 49 Part 192: Module 3 | Self-paced | Coming soon |
| • Title 49 Part 192: Module 4 | Self-paced | Coming soon |
| • Title 49 Part 192: Module 5 | Self-paced | Coming soon |
| • Title 49 Part 192: Module 6 | Self-paced | Coming soon |
| • Title 49 Part 193: Module 1 (NEW) | Self-paced | 0.5 PDH |
| • Title 49 Part 193: Module 2 (NEW) | Self-paced | 0.5 PDH |
| • Introduction to RIN1 | Self-paced | Coming soon |
| • MAOP Validation and Reconfirmation - Introduction | Self-paced | Coming soon |
| • Engineering Critical Assessment - Introduction | Self-paced | Coming soon |
| • Material Verification - Introduction | Self-paced | Coming soon |
| Inspection | | |
| • API 653 Tank Inspections: A Procedural Outline for newly Certified Tank Inspectors | Self-paced | 0.5 PDH |
| • API 651 | Self-paced | Coming soon |
| • API 510 | Self-paced | Coming soon |
| Welding | | |
| • Introduction to Pipeline Steels: Part 6: Welding | Self-paced | |
| • Introduction to In-Service Welding | Self-paced | Coming soon |

INTERMEDIATE

Senior Engineers looking to enhance their knowledge on industry topics

| Course Name | Delivery Format | PDHs |
|---|-------------------------|--------|
| Corrosion | | |
| • RSTRENG/Defect Assessment (NEW – Now Available as Self-Paced) | Live Virtual/Self-paced | 7 PDHs |
| • Corrosion Management for Aging Pipelines | Live Virtual/Self-paced | 6 PDHs |
| • AC and DC Interference: Stray Current Corrosion | Self-paced | 1 PDH |
| • Cathodic Protection Mitigation Strategies for Aging Pipeline Coating Systems | Self-paced | 1 PDH |
| • CP Circuits and Types of Corrosion | Self-paced | 1 PDH |
| • DC Interference: Addressing Issues with Tanks and Pipelines | Self-paced | 1 PDH |
| • DC Interference: Determination and Mitigation Methods | Self-paced | 1 PDH |
| • Direct Examination Results of High Strength versus Low Strength Steels | Self-paced | 1 PDH |
| • Examples of Sacrificial Cathodic Protection Design for Buried Pipelines | Self-paced | 1 PDH |
| • Understanding DC Interference | Self-paced | 1 PDH |
| Integrity | | |
| • Basics of Pipeline Integrity Management | Self-paced | 1 PDH |
| • Examples of Impressed Current Cathodic Protection Design for Buried Pipelines | Self-paced | 1 PDH |

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| • Hydrostatic Testing for Defects | Self-paced | 1 PDH |
| • Understanding and Recognizing Pipeline Defects | Self-paced | 4.5 PDHs |
| Crossing/HDD | | |
| • HDD For Pipelines Feasibility Workshop | Live Virtual | 3 PDHs |
| • Case History of a Pipeline HDD Replacement | Self-paced | 1 PDH |
| • Horizontal Directional Drilling- Introduction and Fundamentals | Self-paced | 1 PDH |
| Materials | | |
| • The Relationship Between Coatings and Cathodic Protection | Live Virtual/Self-paced | 6 PDHs |
| • Identifying Vintage and Modern Pipe Types (previously recorded live training) | Self-paced | 2 PDHs |
| Regulatory Compliance | | |
| • Pipeline Integrity: A Review of Regulatory Frameworks for Effective Assessment | Self-paced | 1 PDH |
| • RIN1 - Intermediate Topics | Self-paced | Coming soon |
| • RIN2 - Intermediate Topics | Self-paced | Coming soon |

ADVANCED

Experienced professionals within the industry seeking to master complex industry challenges

| Course Name | Delivery Format | PDHs |
|---|--------------------------------------|----------|
| Corrosion | | |
| • External Corrosion Direct Assessment - ECDA | Live Virtual/Self-paced | 7 PDHs |
| • Pipeline AC Interference and Mitigation | Live-Virtual: Aug 27, 2025 | 6 PDHs |
| • Cathodic Protection System Design for Buried Pipelines | Live Virtual/Self-paced | 6 PDHs |
| • AC Coupling Mechanisms on Buried Pipelines | Self-paced | 1 PDH |
| • Dynamic DC: Stray Current Analysis | Self-paced | 1 PDH |
| • ICDA for Dry and Wet Gas-Modeling and Compliance | Self-paced | 1.5 PDHs |
| • Interference Mitigation: Single Bond PS and Line Current Methods | Self-paced | 1 PDH |
| Integrity | | |
| • Effect of Construction and Blast Vibration | Live Virtual/Self-paced | 7 PDHs |
| • Outside Forces on Buried Pipelines | Live Virtual/Self-paced | 7 PDHs |
| • Integrity Assessment of Carrier Pipes Inside Cased Crossings | Live Virtual/Self-paced | 4 PDHs |
| • Pipeline Risk Management | Live Virtual/Self-paced | 5 PDHs |
| • Pipeline Flaws and Degradation (<i>previously recorded virtual training</i>) | Self-paced | 4 PDHs |
| • Pipeline Risk Assessment (<i>previously recorded virtual training</i>) | Self-paced | 6 PDHs |
| • Stress-Corrosion Cracking Direct Assessment (SCCDA) High/Low pH Types | Self-paced | 1 PDH |
| Crossing/HDD | | |
| • Advanced HDD for Pipelines | Live Virtual/Self-paced | 0.5 PDH |
| • HDD for Pipelines – Engineering Applications for Feasibility, Design and Stress Analysis - 2 DAY | Live-Virtual: Oct 1-2, 2025 | 12 PDHs |
| • HDD For Pipelines Design Example and Stress Analysis | Live Virtual/Self-paced | 4 PDHs |
| • Pipeline Encroachment and Surface Loading Stress Analysis | Live-Virtual: Sep 10, 2025 | 6 PDHs |
| • Pipeline Geohazard Assessment | Live-Virtual: Nov 5, 2025 | 7 PDHs |
| • Drilling Fluid Management and Borehole Stability | Self-paced | 2 PDHs |
| • Integrity Assessment of Carrier Pipes Inside Cased Crossings (<i>perviously recorded live training</i>) | Self-paced | 3 PDHs |
| • Geotechnical Considerations for Successful Horizontal Directional Drilling Projects | Self-paced | 1.5 PDHs |
| • Horizontal Directional Drilling (HDD): Feasibility Considerations (<i>video only</i>) | Self-paced | 4 PDHs |
| • Product Pipe Pullback Loads & Stress Analysis For HDD | Self-paced | 2 PDHs |
| • Horizontal Directional Drilling (HDD): – Tracking and Surveying Fundamentals (NEW) | Self-paced | 1 PDH |
| Hydraulics | | |
| • Fluid Modeling for Pipeline Hydraulics | Self-paced | 1 PDH |
| • Fundamentals and Analysis of Gas Pipeline Hydraulics | Self-paced | 1 PDH |
| • Fundamentals and Analysis of Liquid Pipeline Hydraulics | Self-paced | 1 PDH |
| Inspection | | |
| • Pressure Test Planning | Self-paced | 1 PDH |
| Materials | | |
| • What Do the Test Results (From the Manufacturer Test Reports or Your Lab) Mean for Your Pipeline? | Self-paced | 3 PDHs |
| Welding | | |
| • What You Need to Know About In-Service Welding Design – 2 DAY | Live-Virtual: Aug 13-14, 2025 | 13 PDHs |
| • API 1104: Key Updates and Changes in the 21st Edition | Live Virtual | 2 PDHs |
| TOTAL PDH AVAILABLE: 370+ PDHs | | |



PLEASE SEE OUR WEBSITE FOR THE MOST UP TO DATE COURSE LIST, UPDATED WEEKLY

 [**HTTP://TRAINING.TECHNICALTOOLBOXES.COM**](http://training.technicaltoolboxes.com)