



Equity Technical Institute (ETI) is committed to developing and delivering hands-on and relevant training for industrial processing and manufacturing professionals. Our courses blend theory with practical applications to provide you with the tools and knowledge needed to tackle complex challenges head-on.

As active participants in the American Petroleum Institute (API) and the American Society of Mechanical Engineers (ASME) committees, we stay on top of industry technology, standards, and advancements. We use this knowledge to develop high-quality training courses to fuel your curiosity of the energy, petrochemical, and other processing industries.

INDUSTRY-LEADING TRAINING COURSES

All API-U and ETI courses qualify as activities for API's continuing professional development requirements.



API-U is the American Petroleum Institute's highly respected education program. API has chosen ETI as a preferred provider for Pressure Relieving Systems, FFS, RBI, and Damage Mechanisms courses. These courses have undergone API-U's critical review and approval for course content, instructors' qualifications, assessment, certification, and delivery.

- API-U Damage Mechanisms (API RP 571)
- API-U Fitness-for-Service (API 579-1/ASME FFS-1)
- API-U Pressure Relieving Systems (API 520/521)
- API-U Risk-Based Inspection (API RP 580/581)

Our specialized ETI courses follow the same high-quality development standards as our API-U courses. ETI topics focus on areas of pressure equipment (pressure vessels and piping), tankage, instrumentation and process control, materials and corrosion, welding, software, and risk management.

- Damage Mechanisms in the Chemical & Petrochemical Industries
- Fundamentals of Asset Lifecycle Management (FALCM)
- Materials Engineering, Introduction
- Mechanical Integrity (MI) Programs
- Piping Vibration
- Pressure Vessels: ASME VIII-1 & VIII-2
- Pressure Vessels: Design by Analysis I & II
- Pressure Vessels: Fatigue I & II
- Process Piping
- Repair Strategies
- Software: API RBI
- Software: eec WebTools
- Software IntelliJoint
- Software: SagePlus with FFS Applications
- Software: SIMFLEX-IV
- Storage Tanks
- Welding Engineering, Introduction
- **On-demand:** API 579 Fitness-for-Service - General Metal Loss (Part 4)
- **On-demand:** Introduction to Alarm Management Systems
- **On-demand:** Introduction to Fixed Equipment Mechanical Integrity Programs
- **On-demand:** Introduction to Risk-Based Inspection
- **On-demand:** Mechanical Integrity Issues in HF Alkylation Units

Access detailed course descriptions and the latest schedule.

[ETI TRAINING CATALOG](#)

[2025 COURSE SCHEDULE](#)

TOP 5 BENEFITS OF ATTENDING AN ETI TRAINING COURSE

I
STAY UP TO DATE ON INDUSTRY TRENDS, TECHNOLOGY, AND CHANGES TO CODES AND STANDARDS

II
CONTINUOUSLY IMPROVE YOUR SKILLS, KNOWLEDGE, AND CONFIDENCE

III
BECOME BETTER AT WHAT YOU DO AND BE MORE EFFICIENT

IV
EARN VALUABLE CPD CREDIT HOURS

V
LEARN FROM AND GAIN ACCESS TO INDUSTRY EXPERTS



CHOOSE YOUR PREFERRED LEARNING STYLE

We offer four options to support unique learning requirements. During an ETI training course, you will learn from highly skilled and knowledgeable engineers who have 20+ years of industry experience. All ETI training courses can be customized to meet your company's specific learning goals.



HYBRID

All public training courses will be conducted in a hybrid format, allowing the attendee to choose whether to learn virtually using Microsoft Teams or attend in-person at our headquarters in Shaker Heights, OH. Most hybrid courses are taught by two instructors. All attendees will receive PDF course notes.



VIRTUAL

Virtual courses are taught using Microsoft Teams and designed to maximize learning in an online environment. Each virtual course is typically a maximum of four hours per day. Attendees of a virtual training course will receive PDF course notes and access to two instructors.



ON-SITE

ETI instructors will travel to the specified location to conduct the training. Private, on-site instruction allows for learning with the benefit of lower travel costs, internal discussion of common issues, and team building. On-site requirements include access to a meeting room large enough for all attendees, projector, and screen.



ON-DEMAND

Discover the convenience and flexibility of ETI's new on-demand training courses. These bite-sized lessons are prepared by Equity Engineering SMEs and enable participants to gain valuable professional knowledge at their own pace. Upon completion, participants are eligible for at least 1 hour of CPD, making it a cost-effective and adaptable learning solution.