



Applied Training

FSE400: Instrumentation Failure Rate Data Management

Duration: 1 Day

Time: 8:00 am – 4:00 pm UTC -4

Date: See online store

Location: Microsoft Teams

Cost: \$850 USD / Student

Course Outline

Learn how to digitally transform instrument-testing. This course covers:

- Foundations of Failure-Rate Data
- Digital Transformation of Instrument Testing
- Blueprint for a Critical Equipment Instrumentation Testing Program
- Test-Interval Optimization & Hard Return On Investment
- Data Governance & Audit Readiness
 - Revision-controlled failure-rate database design
 - Integration with Reliability Modeling tools and compliance reporting
- Group exercise – Calculating Return On Investment for rollout of a program to Digitally Transform an instrument testing mechanical integrity program
- By building a formal Critical Equipment Instrumentation Testing Program—you'll unlock:
 - Automated workflows
 - Optimized costs
 - Rapid Return On Investment

Instructor – Mike Scott – PE, CFSE

CEO of aeShield which has developed a patented digital process / functional safety lifecycle enterprise software offering deployed in 283+ facilities across 42 countries. He has over 30 years of process / functional safety and I&C experience including risk analysis, safety instrumented systems and control systems engineering, where he performed / implemented conceptual design, detailed design, configuration, and startup / commissioning exercises for the process industry.

- Co-Chairman of the ISA S84 Committee
- IEC 61511 committee member
- Granted 7 patents on safety lifecycle tools and implementation
- ISA Fellow