

Advanced Manufacturing

TRAINING EVENT



CALIBRATION & USING MEASUREMENT EQUIPMENT

This 2-day workshop features gauging and measuring techniques which guide the continual improvement process within an organization. This course will help improve the competency of individuals who determine if a product meets requirements.



Topics include:

- Introduction to Measuring
- Types of Gauges
- Measurement Process
- Surface Plates as Simulated Datum Planes – Using and Care
- Angle Blocks as Simulated Datum Plans – Using and Care
- Standards and NIST Traceability
- The Calibration Process
- Gage Blocks and Gage Pins
- Wringing Gage Blocks
- Outside and Inside Diameter Measurements
- Surface Texture
- Micrometers – Internal, External & Depth
- Verniers and Dial Calipers
- Drop Indicators & Test Indicators
- Ring Gauges
- Go/No-Go Plug Gauges
- Thread Gauges Go-No
- Handling and Storage of Measuring Devices
- Visual Inspection – Workmanship Standards

Instructor: Richard A. Litts
President, Litts Quality Technologies

He is a RABQSA International Quality Management Systems Registered Lead Auditor and AS9100 Aerospace Experienced Auditor.

April 10-11, 2019

Erie, PA

NWIRC Learning Center
8425 Peach Street

Cost: \$900

Lunch is included.

All students should bring one 0-1 inch micrometer (non digital preferred), one Vernier (non digital preferred) and Dial Caliper.

To register or for additional information:

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