



## **Inspection Techniques**

### Course Outline

After completion of this two-day course, participants will have learned to use basic inspection instruments to measure characteristics of manufactured parts.

#### **Suggested Participants:**

Inspectors, Machinists, Machine Operators, Fabricators, Assemblers.  
Anyone who needs to measure manufactured parts.

#### **Course Outline:**

##### **Introduction**

##### **Basic Inspection Instruments**

- Steel Rule
- Tape Measure
- Straight Edge
- Level
- Combination Set

##### **Micrometer**

- Outside
- Inside
- Depth
- Special

##### **Vernier**

- Calipers
- Height Gage
- Universal bevel protractor

##### **Fixed Gages and Instruments (Determined by the company)**

##### **Mechanical Inspection**

- Surface Plate
- Angle Plate
- Parallels
- V-blocks
- Dial Indicator
- Gage Blocks
- Sine Bar