



## **1-Day Curriculum for GD&T (ASME Y14.5M)**

### **Objective:**

To introduce participants to the principles of Geometric Dimensioning and Tolerancing (GD&T) based on ASME Y14.5M.

### **Welcome and Introduction (15 minutes)**

- Overview of objectives and the importance of GD&T.

### **Fundamentals of GD&T (40 minutes)**

- Key concepts: datums, feature control frames, tolerances.

### **Break (10 minutes)**

### **Interpreting GD&T Symbols (50 minutes)**

- Explanation and practice of reading GD&T symbols.

### **Lunch Break (30 minutes)**

### **Applying GD&T in Manufacturing (50 minutes)**

- Using GD&T for quality control and cost reduction.
- Group exercise on applying GD&T.

### **Break (10 minutes)**

### **Advanced GD&T Applications (50 minutes)**

- Composite tolerancing and positional tolerances.
- Practical exercise on complex drawings.

### **Wrap-Up and Q&A (20 minutes)**

- Summary, open Q&A, and next steps.

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