Geometric Dimension and Tolerance

Course Outline [80% Hands-On training]

Lesson 1: Safety & Definitions
1.1: Explain Safety procedures
1.2: Explain what GD&T is.
1.3: Explain Tolerance numbers and settings
1.4: Identify Symbols of GD&T

Lesson 2: Tolerance Measuring
2.1: Basic to Intermediate Control circuit wiring
2.2: Wire a DC Motor with speed control
2.3: Wire a single-phase motor with Load center

Lesson 3: Circuits, Switches and Relays
3.1: Demonstrate measuring techniques
3.2: Demonstrate cutting Techniques
3.3: Demonstrate threading holes

Lesson 4: Diagrams and Troubleshooting
4.1: Demonstrate how to plot and draft parts
4.2 Demonstrate how to assemble parts from drawings