

Geometric Dimensioning & Tolerancing Training

Our qualified experienced instructor can provide training in specific areas related to GD&T for the creation and interpretation of mechanical drawings using linear tolerancing and GD&T in the design, manufacture, and inspection of parts, which have geometric controls applied per national standards.

Participants will engage in learning how to read prints with Geometric Dimensioning and Tolerancing applications. The course can also be presented for design engineers and technicians who need to learn how to apply GD&T for determining and specifying tolerances and fits. Each of the geometric controls will be examined so the participant may determine the allowable variation in form and size between part features. The course emphasizes how GD&T is a refinement of coordinate tolerancing that ensures the true functional requirements of parts and assemblies are properly specified and understood.

- ◆ Understanding of ANSI Y14.5 standards that affect geometric dimensioning and tolerancing applications.
- ◆ Proficiency in using geometric dimensioning and tolerancing symbols and controls.
- ◆ Decipher how piece-parts must be inspected if the features have GD&T controls and symbols.
- ◆ Interpret a sketch or print with pertinent feature control frame and its contents based on written geometric requirements.
- ◆ Determine the Total tolerance of a feature using bonus and non-bonus tolerances (RFS, MMC, LMC).

To request a quote for customized training for your team please contact:

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