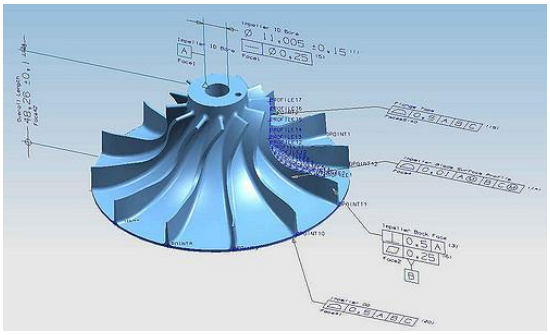
Geometric Dimensioning and Tolerancing

March 19-20, 2019 | 8:30 am – 4:30 pm

At

Manufacturers Resource Center
961 Marcon Boulevard, Suite 200 | Allentown, PA 18109
www.mrcpa.org



The purpose of this Two-Day course is to familiarize participants with the rules and symbols of Geometric Dimensioning and Tolerancing (GD&T). This powerful language improves communication on mechanical drawings, and has many advantages over traditional plus/minus tolerancing. Participants will learn to identify, interpret, and apply the 14 geometric characteristic symbols, as well as how they relate to datums. The proper interpretation of GD&T callouts will be covered, and how they impact manufacturing. The material is based on the ASME Y14.5-2009 Standard.

Who should attend: The course is intended for CAD designers, product engineers, manufacturing engineers, manufacturing personnel, and quality/gaging inspectors, especially those who have limited or no experience with GD&T.

After attending this course, participants will be able to:

- Identify and explain each of the 14 GD&T symbols
- Describe how Rule #1 controls the form of a feature
- Interpret the feature control frame
- Apply and interpret the MMC and LMC modifiers
- Identify datums and explain their role in GD&T
- Identify new modifiers from the 2009 standard
- Determine proper manufacturing and gaging techniques based on the GD&T

Cost: $700/person or $650/person if 3 or more

Presented by: John-Paul Belanger, Certified Sr. GD&T Professional, Geometric Learning Systems

For registration and full details, go to: https://www.mrcpa.org/events/