

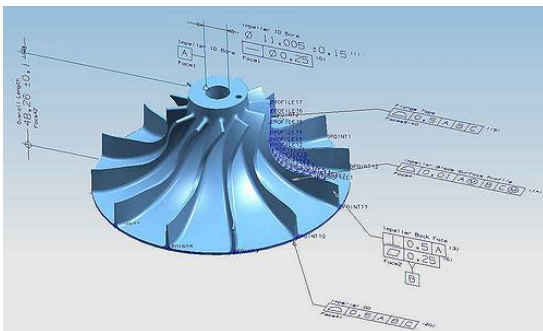


## Geometric Dimensioning and Tolerancing Basics

March 17-18, 2020 | 8:30 am – 4:30 pm

Location:

Manufacturers Resource Center  
7200A Windsor Drive | Allentown, PA 18106



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 Y14.5-2018 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 | \$650/person if 3 or more

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

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