



2-Day GD&T Fundamentals Public Training

Date: April 22-23, 2025 -- 8:30am - 4:30pm

Location: SCMEP

250 Executive Center Dr. Greenville, SC 29615

Learn the Simplified Framework Behind the Tolerances on your Prints

With the GD&T Fundamentals Public Training Course, you will learn a simple framework that will allow you to understand how GD&T is used and why GD&T improves the manufacturing process. This course focuses on practical knowledge and uses real-world drawing examples throughout the class to practice what is learned.

We don't throw every concept at you - we focus on the concepts and terminology necessary to do your job better and improve your manufacturing operation.

Course Objectives

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- Learn best practices that represent how GD&T is used in real-world design and production.
- · Simplify the main requirements and terminology of the ASME Y14.5 Standard into plain English.
- Break down the majority of all concepts in the GD&T Standards into one simple unified GD&T Basics Framework.
- Learn all 14 major symbols & how to use them, which ones are most useful & which ones to avoid
- Understand what datums do & how they are applied on drawings for design, manufacturing, & inspection.
- Discover how Max Material Condition creates bonus tolerance while maintaining a functional part.
- Reinforce all concepts by showing them on realistic manufacturing-ready engineering prints.
- Clarify all your GD&T questions, concerns, and coworker debates with our expert ASME certified instructor.
- Retain key concepts using our included resources so you will be able to apply what you learn after training.

<u>Pricing:</u>

\$1,299 per person

** Price does not include travel or lodging costs

What's Included in the Training

- 2 Days of training hosted by Certified ASME Senior-Level Instructor
- Certificate of Completion
- Review Reference Packet
- Real-world Industry Drawing Examples
- 1-Year Access to Online Platform:
 - GD&T Fundamentals Online Course
 - Bonus Material
- Detailed Reference Charts:
 - GD&T Premium Symbols Chart
 - Drill Tap Chart
 - ASME vs ISO Comparison Chart
 - o ASME Y14.5 2009 vs 2018 Standard Comparison Chart
- 1-Year Access to our Instructor Question Line

Who Should Attend:

Our training is designed to be very approachable and geared towards everyone from entry level to those with intermediate experience. To take this training, you should have some experience in a design, production or inspection environment working with engineering drawings. You should also be able to understand how parts are represented and viewed on a print. No prior GD&T knowledge is required though.

We promise, once you take our training & understand our GD&T framework, you will drastically improve the way you work with your drawings. We don't want you to just understand theory - we want you to apply what you learn!

GD&T Basics - Engineer Essentials ©

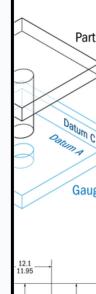
1-800-495-0991



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www.GDandTBasics.com



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