

ETI's Onsite GD&T Workshops

System Approach to Component Tolerancing	System Approach to Component Tolerancing - NEW!	3-Day or Custom Workshop
	Learn the thought processes involved in assigning GD&T to components, what constitutes good and poor drawing practices, common dimensioning methods used in industry, and how to use GD&T to communicate system functions on component dimensions. Students perform a design function analysis on a part assembly provided by your company, then specify GD&T on the assembly components during the workshop. For product engineers, designers, checkers, and engineering managers.	

Engineering Drawing Requirements	Engineering Drawing Requirements	1-Day or Custom Workshop
	Based on practical applications of drawing interpretation, this workshop will give you a better understanding of the view representation, dimensions, tolerances, and symbols used on prints. This hands-on workshop is based on ASME standards and common industry practices. For product, manufacturing, and quality engineers; inspectors; machinists; production personnel; purchasing agents; and anyone else who interprets engineering drawings.	

Fundamentals	The Fundamentals of GD&T (Based on Y14.5M-1994)	2-Day, 3-Day, or Custom Workshop
	Learn the terms, rules, symbols, and concepts of GD&T. This workshop provides an in-depth explanation of geometric symbols, including each symbol's requirements, tolerance zones, and limitations. It includes a comparison of GD&T to coordinate tolerancing; an explanation of tolerance zones; Rules #1 and #2; form and orientation controls; tolerance of position; runout and profile controls. It's a valuable course for anyone who creates or interprets engineering drawings.	

Advanced Concepts	Advanced Concepts of GD&T (Based on Y14.5M-1994)	2-Day, 3-Day, or Custom Workshop
	Learn about composite tolerancing, tolerance analysis, datum selection, non-rigid part dimensioning, and many more key dimensioning topics. For product and gage designers; process, product, and manufacturing engineers; supplier quality engineers; CMM operators; buyers/purchasers; checkers; inspectors; technicians; and sales engineers.	

Tolerance Stacks	Tolerance Stacks (Concept Driven)	2-Day, 3-Day, or Custom Workshop
	Learn to use stacks to create designs that maximize fit, function, and ROI, plus how to optimize part tolerances for design function and manufacturing processes. This course teaches stacks from a mathematical basis, so all tolerances can be accounted for. The course is designed for anyone with an engineering-oriented quality function.	

Statistical Stacks	Intro to Statistical Tolerance Stacks (Concept Driven)	1-Day or Custom Workshop
	This workshop builds upon the methods taught in ETI's Tolerance Stacks course. It includes a terms used in statistical stacks, explains four methods for applying statistics to tolerance stacks, covers precautions about when and how to use statistics in stacks, and practices applying statistical methods. It's designed for individuals who create or interpret engineering drawings.	

Solid Model Tolerancing	Solid Model Tolerancing (Based on Y14.41-2003)	1-Day or Custom Workshop
	Learn the benefits of a math-based product development process and understand how to create model & drawing (reduced dimension drawings) as a data set in accordance with Y14.41. You'll learn how to annotate models, and learn the challenges facing industry in transitioning to the process. For designers, engineers, and managers implementing math-based PDPs.	

ASME-ISO Comparison	ASME - ISO Comparison	1-Day or Custom Workshop
	The ASME-ISO Comparison Workshop highlights and explains the major differences between the standards. It explains how the standards compare when dealing with symbols, feature control frames, tolerances, form controls, datums, and more. This course is for designers, engineers, inspectors, machinists, and anyone who works with ISO standards on drawings.	

GD&T Overview	GD&T Overview	1-Day or Custom Workshop
	This accelerated course provides a short introduction to the GD&T fundamentals. It's perfect for employees getting their first exposure to GD&T or as a refresher course. This is an introductory course; not an in-depth coverage of GD&T. The course is perfect for purchasing agents, managers, supervisors, and manufacturing personnel.	

Executive Overview	GD&T Executive Overview	1/2-Day or Custom Workshop
	This overview gives management a perspective of how GD&T affects various areas of the organization, including the product development process. It provides insights into the skills and strategies for maximizing ROI with GD&T, explains how GD&T is superior to coordinate tolerancing, and introduces GD&T terms, symbols, rules, and geometric controls. For engineering directors, chief engineers, and project managers; engineering, manufacturing and quality managers.	

Call 1-800-886-0909 or visit our website to register, today.

Request an Onsite Training Quote

PLEASE PROVIDE CONTACT INFORMATION

Name _____
Title _____
Organization _____
Address _____
City/State/Zip _____
Phone _____ Fax _____
Email _____ Job Function _____

I WOULD LIKE TO RECEIVE A QUOTE FOR (SELECT ALL THAT APPLY)

- | | | | |
|--|----------------------------------|---------------------------------|---------------------------------|
| <input type="checkbox"/> System Approach to Component Tolerancing | <input type="checkbox"/> 3-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> Engineering Drawing Requirements | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> Fundamentals of GD&T | <input type="checkbox"/> 2-day | <input type="checkbox"/> 3-day | <input type="checkbox"/> Custom |
| <input type="checkbox"/> Advanced Concepts of GD&T | <input type="checkbox"/> 2-day | <input type="checkbox"/> 3-day | <input type="checkbox"/> Custom |
| <input type="checkbox"/> Tolerance Stacks | <input type="checkbox"/> 2-day | <input type="checkbox"/> 3-day | <input type="checkbox"/> Custom |
| <input type="checkbox"/> Statistical Tolerance Stacks | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> Y14.41 Solid Model Tolerancing | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> ASME to ISO Comparison | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> GD&T Overview | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> GD&T Executive Overview | <input type="checkbox"/> 1/2-day | <input type="checkbox"/> Custom | |
| <input type="checkbox"/> GD&T Implementation on Company Drawings (post-workshop) | <input type="checkbox"/> 1-day | <input type="checkbox"/> Custom | |

ABOUT YOUR COMPANY

Industry Type _____ Number To Attend Training _____

How soon would you like to train? Less than 1 month 2-3 months 4-5 months +6 months

- I would like to supply my company's drawings to be used in class as examples or explanations of topics (drawings are required for the application workshop).

Additional Comments:

TO REGISTER BY MAIL: Effective Training Inc. 2118 S. Wayne Road Westland, MI 48185	BY PHONE: 1-800-886-0909 BY FAX: 1-734-728-1260	<input type="checkbox"/> Please contact me with more information by: <input type="checkbox"/> PHONE <input type="checkbox"/> EMAIL	Where did you learn about our workshops? _____
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