

Intro to Statistical Tolerance Stacks One-Day Workshop (Concept Driven)



Course Developer: Alex Krulikowski, President of Effective Training Inc.

Learn GD&T from the experts. Professionals across the globe turn to ETI for training in geometric dimensioning and tolerancing. ETI's president, Alex Krulikowski, has helped more than 60,000 students learn GD&T through his textbooks, self-study courses, computer-based training programs, and online learning center. Now you have the opportunity to learn GD&T in a course developed by Alex at an ETI public workshop.

Learning to interpret and apply GD&T properly will help you and your company:

- Save money at the design stage
- Enable global sourcing
- Reduce drawing errors
- Increase productivity
- Increase part tolerances
- Assure that mating parts will assemble
- Eliminate scrap
- Improve inspection accuracy

About the Course

This introduction to statistical tolerance stacks builds upon the methods taught in the Tolerance Stacks Using GD&T course.

Westland, Michigan

April 25
October 12

Who Should Attend

This workshop is a valuable tool for individuals who create or interpret engineering drawings: product and gage designers; process, product, and manufacturing engineers; supplier quality engineers; CMM operators; buyers/purchasers; checkers; inspectors; technicians; and sales engineers.

Skill Level Needed

Although this is an introductory course, in order to understand the course content, you should have completed ETI's Tolerance Stacks Using GD&T course.

Workshop Highlights

The workshop is based on a series of goals and objectives. The course includes a brief review of several terms used in statistical stacks. It explains four methods for applying statistics to tolerance stacks and covers precautions about when and how to use statistics in stacks. The course ends with several stacks for the student to practice applying statistical methods. CEUs will be awarded for successful completion of the course.

Each workshop participant receives:

- A copy of *Introduction to Statistical Tolerance Stacks*, by Alex Krulikowski
- Class handouts
- An official certificate of completion
- Continental breakfast, morning and afternoon snack

PLUS

ETI's Digital Design Dictionary software (\$79 value)



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Enrollment is limited to 15 seats. Call 1-800-886-0909 or visit our website to register, today.

Statistical Tolerance Stacks One-Day Workshop

Concept Driven

Course Highlights

Topics covered include:

- The terminology used with statistical tolerance stacks
- Common statistical tolerance stacks methods
- Using the RSS method for calculating statistical tolerance stacks
- Using the realistic method for calculating statistical tolerance stacks
- Applying the RPL method to statistical tolerance stacks
- The Monte Carlo method for use on tolerance stacks
- The precautions needed when using statistical tolerance stacks
- Calculating statistical tolerance stacks
- Working with dependent values
- Basic theories of statistical tolerances



Quantity discounts available.

ETI offers a 10% discount on three or more registrations. Call 1-800-886-0909 for more information.

Complete 2012 ETI public workshop schedule:

Advanced Concepts of GD&T (ASME Y14.5M-1994) 2-Day: March 28-29, September 19-20

ASME Y14.5 1994 to 2009 Update 1-Day: May 17

Engineering Drawing Requirements (ASME Y14.100-2004) 1-Day: May 16

Fundamentals of GD&T 2-Day:

1994 Standard: March 26-27, September 17-18

2009 Standard: April 16-17, October 8-9

Fundamentals of GD&T for Inspectors (ASME Y14.5M-1994) 2-Day: May 14-15

ISO Geometrical Tolerancing (ISO 1101:2004) 2-Day: April 18-19, October 15-16

Solid Model Tolerancing (ASME Y14.41-2003) 1-Day: May 18

Statistical Tolerance Stacks 1-Day: April 25, October 12

Tolerance Stacks 2-Day: April 23-24, October 10-11

Visit www.etinews.com for more details, pricing, and registration information.



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