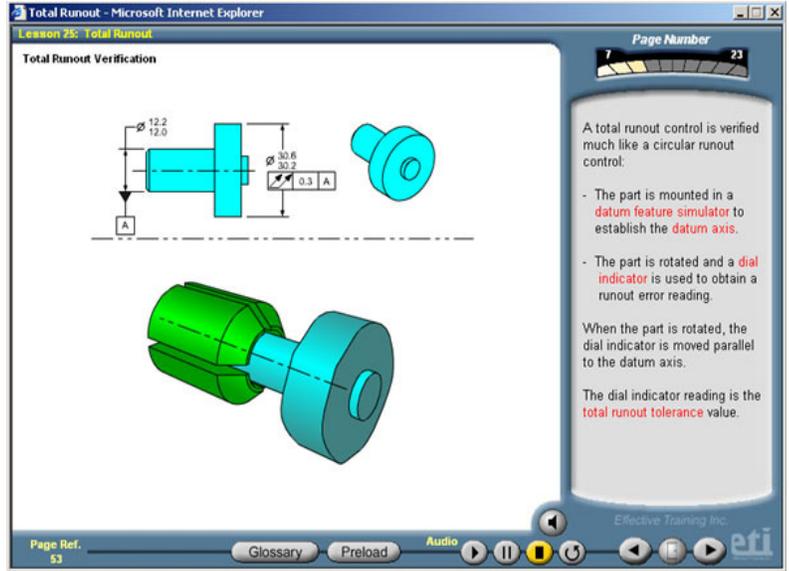# GD&T Trainer: Fundamentals 1994
Computer-Based Training Software

The GD&T Trainer: Fundamentals 1994 is a comprehensive computer-based training program that teaches the fundamentals of geometric dimensioning and tolerancing. Based on ASME Y14.5M-1994, the course includes 28 lessons covering the basic rules, definitions, and concepts of geometric tolerancing, with quizzes that reinforce the material and allow students to gauge their level of understanding.

With student-focused lessons, user-friendly navigation, and detailed full-color graphics, the GD&T Trainer rivals the classroom for expertise, consistency, convenience, and affordability. Users receive a more 'hands on' approach to learning with animations that show exactly how a symbol is interpreted. Students can visualize a concept and understand it more readily, and—best of all—students can learn at their own pace.
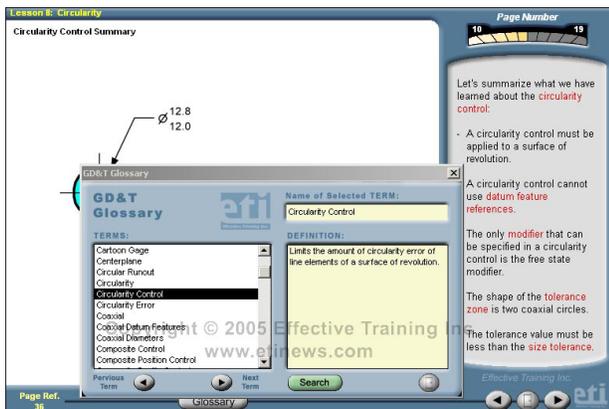

The GD&T Trainer: Fundamentals 1994 was developed by Alex Krulikowski, the noted GD&T expert, educator and author of more than 20 books and articles on the subject. Alex gained more than 30 years of industrial experience as design supervisor with one of the world's largest manufacturing corporations. He also has a degree in industrial vocational education from Eastern Michigan University. Since Alex founded Effective Training Inc in 1985, the company has become an internationally recognized leader in the field of geometric dimensioning and tolerancing (GD&T).
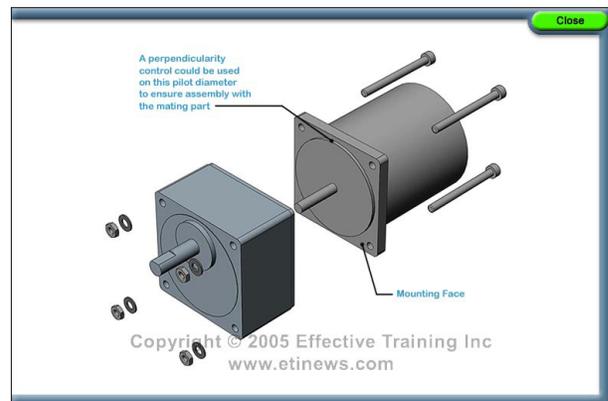
The course includes:
- Instant lesson feedback
- Technical animations that demonstrate concepts
- Audio narration
- Author's comments that give tolerancing insights
- Three-dimensional solid part examples
- Geometric control application and inspection examples
- A full glossary of GD&T terms

The GD&T Trainer can be used as:
- A complete course in GD&T
- An informal geometric tolerancing seminar
- A supplement to live training
- An internal GD&T certification
- An on-the-job reference

Hotwords link to the Digital Design Dictionary with more than 200 terms

3D Solid Part Examples Aid in Understanding Concepts

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For more info about our training, products, or workshops, call 1-800-886-0909 or visit our website.

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Program Topics
The course contains 28 lessons that explain the terms, symbols, modifiers, rules, and basic concepts of geometric tolerancing as prescribed in ASME Y14.5M-1994. Program topics include:

• Dimensions and Drawings	• Circularity	• Perpendicularity	• Concentricity
• Key Terms	• Cylindricity	• Angularity	• Symmetry
• Modifiers and Symbols	• Planar Datums	• Parallelism	• Circular Runout
• GD&T Rules	• Datum Targets	• Position - Introduction	• Total Runout
• GD&T Concepts	• Size Datums (RFS)	• Position - RFS/MMC/LMC	• Introduction to Profile
• Flatness	• Size Datums (MMC)	• Position - Special Applications	• Profile of a Surface
• Straightness	• Orientation Controls	• Fastener Formulas	• Profile of a Line

Included in the GD&T Trainer: Fundamentals 1994. . .

Class Course – a complete course that includes 28 lessons and quizzes, numerous exercises, and a final exam. Each quiz must be successfully completed in order to progress to the next lesson.

Seminar Course – the same lesson content as the class course without the quizzes or final exam. Lessons can be viewed in any order.

GD&T Certification Test – a 150-question test that can be used for internal company certification.

Certificates - a Certificate of Achievement for complete the class course's minimum set passing score; a Certificate of Completion for finishing the seminar course.
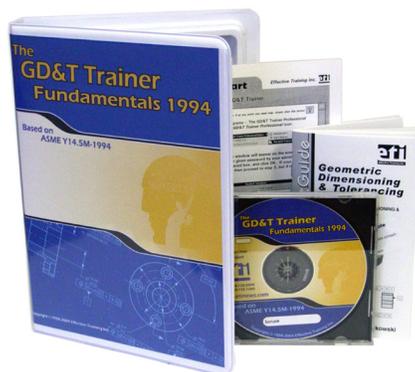
Course Administration Tools - manageable recording, accessing, and reporting of student progress

Tutorial - a complete, narrated course tutorial explains how to navigate the program

The LAN, corporate and site versions also include:
Overview Course – a 10-lesson course that provides an overview of GD&T symbols, modifiers, rules and concepts.

Digital Design Dictionary — an online research tool that defines over 200 technical terms used on engineering drawings.

The GD&T Trainer is available in the following platforms:

Single-User - For training one user on a single PC. The software cannot be transferred to a different PC or reregistered to a second user or used on a LAN system.

Multi-User - Register and set up a training schedule for multiple users on one non-networked computer, allowing them to train at different times of day.

LAN - Multiple employees can train simultaneously at their own workstations via a LAN system. The number of users depends upon amount of seats purchased.

The software runs on Microsoft Windows 2000/XP/XP 64-bit/Vista operating systems.

More details about the software, including screenshots, animation examples, a downloadable demo, and ordering information are available at Effective Training's website: http://www.etinews.com.

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Effective Training Inc.