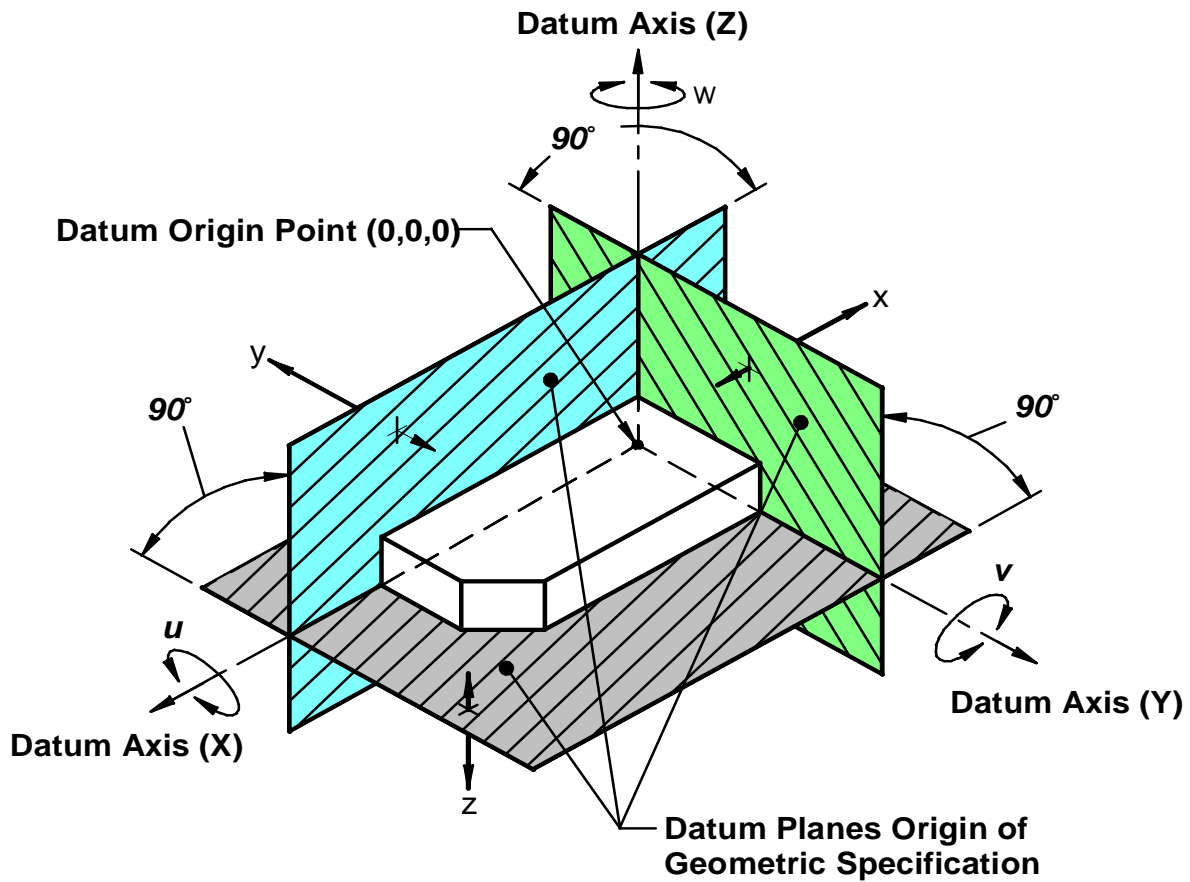


Geometric Dimensioning & Tolerancing Training  
ASME GD&T Training  
Design for Manufacturing Training

Engineers Edge Training Consultants  
Atlanta (Monroe), Georgia



## I PROGRAMS:

### **GD&T Basics Interpretation Training**

Based on ASME Y14.5 or ISO 1101 standard, this is a two day class. Ordered and conceptually based tolerancing concepts are presented to help “see” how ASME Y14.5 or ISO 1101 applies to parts and assemblies. Emphasis is placed upon developing skills necessary to clearly understand and interpret dimensional functions, datum (coordinate) locations, and tolerance boundaries and shapes. The purpose of this course is to ensure a common and group-wide understanding of the principles and interpretation of geometric dimensioning and limit tolerancing definitions. This class is best for purchasing, procurement, new drafters and machinists, technician, operators, assemblers and others whom need the basics of dimensioning and tolerancing. Attendees are awarded a certificate of completion.

[www.engineersedge.com/training\\_engineering/interpretation\\_seminar.htm](http://www.engineersedge.com/training_engineering/interpretation_seminar.htm)

### **GD&T Intermediate Interpretation & Application**

Based on ASME Y14.5 or ISO 1101 standard. For all technical subjects the training transitions from basic interpretation (what it means) to typical applications (how to use it). For each technical category, definitions, design philosophy, manufacturing considerations, and functional gauging technique are presented as required. Training participants are encouraged to bring typical and non-typical engineering drawings to the class for review and discussion. This program is great for organizations wishing to train on both the interpretation and practical applications of GD&T. This class is best for drafters, designers, engineers, inspection (quality), manufacturing engineering and similar whom have some exposure to GD&T. This class requires two full days to properly train for general interpretation and application. Most of the third day of training is committed to train or consult on organization defined and specific applications. Instructor does require an interview with a key member of technical staff, as well as access to engineering drawings for review prior to training. Attendees are awarded a certificate of completion.

[www.engineersedge.com/training\\_engineering/gdt\\_onsite\\_interpretation\\_application\\_training.htm](http://www.engineersedge.com/training_engineering/gdt_onsite_interpretation_application_training.htm)

## **GD&T Applications – Advanced**

Based on ASME Y14.5 or ISO 1101 standard. This is an excellent program for developing practical application skills and knowledge of GD&T for industry specific applications and technologies. Classes run from 1 to 5 days depending on technology complexity and organization requirements. All application classes do require that participants have prior training or experience in the interpretation and application of GD&T. All application classes are custom and customer specified and generally are conducted as follows: Open class (on white-board) development and definition of dimensioning and tolerancing required for proper fit, form, function, manufacturability and quality of your organization specific technology components and assemblies. This usually includes tolerance stacks or analysis, and functional assembly or inspection tooling review. Participants are encouraged to bring typical and non-typical engineering drawing and documents to the class for review and discussion. Instructor does require an interview with a key member of technical staff, as well as access to engineering drawings for review prior to training. Quote per customer per organization specifications is required. Engineering Edge does have pre-developed advanced application classes for quality (dimensional measurement), manufacturing, design and engineering.  
[www.engineersedge.com/training\\_engineering/application\\_seminar.htm](http://www.engineersedge.com/training_engineering/application_seminar.htm)

## **Design for Manufacturing (DFM/DFMA) Training**

Current best practices design for manufacturing (DFM), training focus's on engineering culture, processes and detail design specifications that are required to define and deliver engineering drawings and designs with best possible specifications allowing for efficient and trouble free manufacturing and assembly. All in-house DFM seminars and workshops are oriented to each company's product line as determined through interviews and surveys. Specifically our training focuses on the details of product specification such that product manufacturing or assembly costs are optimized. Additionally, culture and process practices of some of the most successful organizations in the world are presented and discussed. . This class is best for purchasing, procurement, designers, engineers and others whom need to understand DFM practices. Attendees are a certificate of completion.  
[www.engineersedge.com/training\\_engineering/design-for-manufacturing-training.htm](http://www.engineersedge.com/training_engineering/design-for-manufacturing-training.htm)