



GD&T Training Course

June 11th - 13th, 2024



**RFA Engineering &
Matrix Engineering Consultants**
Eden Prairie, Minnesota

What: GD&T Training Course
Where: RFA Engineering
12896 Valley View Rd
Eden Prairie, MN 55344
Dates: June 11th, 12th, 13th
Time: 8am - 4pm
Cost: \$1,150 (includes lunches, textbook and GD&T poster)

RFA
ENGINEERING

MATRIX
ENGINEERING CONSULTANTS

This 3-day comprehensive course provides fundamental and advanced GD&T education based on the ASME Y14.5-2018 standard. Whether you're in design, manufacturing or quality, this course will provide essential knowledge that is critical for properly communicating "functional intent" through the use of engineering drawings. This training is applicable to those who are new to GD&T or have been using it for years.

The course is led by a skilled instructor in the form of lecture alongside graphical illustrations and physical model sets to help convey concepts in a clear manner. There are also student exercises to help the concepts sink in. Students will be able to engage with the instructor during and after the class.

Each student will receive a 375-page full-color graphical textbook (GeoTol Pro©) for use during the course and for reference in the future. They will also receive a 24"x36" wall chart with all symbology from the ASME Y14.5-2018.

Some of the concepts covered in this course –

- Fundamental Rules and Definitions
- Features of Size
- Feature Control Frames
- Datums
- Datum Reference Frames & Degrees of Freedom
- Advanced Datum Concepts (Compound, RMB, MMB)
- Form and Orientation Tolerances
- Positional Tolerancing
- Profile Tolerancing
- Composite Position and Profile Tolerancing
- Understanding Simultaneity
- Introduction to Model-Based Definition

Students should come with basic print reading skills. But, even those with a strong background in GD&T will inevitably grow in their comprehension and application of GD&T by taking this course.

Contact Applied GD&T:
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(952)992-0992
www.appliedgdt.com

[Register Here -](#)

www.appliedgdt.com/seminars

Contact RFA Engineering:
bbirr@rfamec.com
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What Students Say...

“This is a great course! The way Jordan teaches the content is beneficial to both the design side and the inspection side. It doesn't matter if you have advanced GD&T knowledge, or even if you are just a beginner. This is a great course designed to help you advance.”

“This training class surprised me in that it contained both lessons for advanced users and also allowed beginners to gain an understanding needed on the journey of GD&T understanding.”

“I have attended a couple GD&T courses and this was by far the best. I learned a lot of very useful material. Great job teaching these concepts.”

“Jordan did a great job in making complex concepts clear!”

“Instructor was very well prepared for the course and seemed genuinely interested in helping students learn the information.”

“This course was phenomenal! The examples were all explained very clearly, and even though I've seen many of the concepts before, I know I am going to retain many more of them after this course.”

“Jordan is a true professional and an outstanding teacher. His knowledge and delivery methods are very detailed and make it easy to understand. I would highly recommend this course to anyone looking to further their GD&T knowledge.”

“All material was presented in a clear, easy-to-follow format. Instructor was extremely knowledgeable in the content he was presenting, and used practical applications to convey the information. Would highly suggest this program to anyone in industry who is looking for additional and/or new GD&T training.”

“Jordan is obviously an expert at GD&T and does an amazing job of simplifying even the most advanced concepts for us to understand.”

“Great overall course. Very applicable examples and a great book to use as a resource.”

About the Instructor...

Jordan Pepin, Senior GD&T Professional

Jordan has over 20 years of experience with GD&T in many different industries from agriculture to aerospace and med-tech. His unique combination of a GD&T expert as well as a recognized metrologist equips him to bridge the gap that often remains between the theory of GD&T and its implementation. For the implementation of GD&T to be successful, it needs to be properly applied in design, properly understood in manufacturing and properly evaluated in quality. Jordan truly enjoys the subject of GD&T and loves helping people move forward with their understanding and application of Geometric Dimensioning & Tolerancing.

“Jordan has always had a way of simplifying the complex topics of GD&T & dimensional metrology. Because of his passion for what does coupled with his patience as a natural educator, I cannot recommend Jordan enough.”

Cory Samuelson – Manufacturing Engineering Manager – Uponor

“I would highly recommend Jordan to any company seeking GD&T training. Jordan’s extensive knowledge of the standard along with his experience in applying the principles has given him the expertise that few have achieved. Jordan can take the most complex principles and explain them in a way that anyone can understand. I wish all of our customers received their training from him.”

Jim Corcoran – Metrology Manager – rms

“Jordan has exceptional capability in the application of the ASME Y14 Geometric Dimensioning & Tolerancing Standard, and in educating people in this regard.”

Blake Gorowsky (GDTP-S 2009) – Chief Product Owner, Model-Based Definition – Pratt & Whitney

“I consider Jordan an industry expert in the understanding and application of Geometric Dimensioning and Tolerancing.”

Jim Stertz – VP of Automation & Technology – Lowell, Inc

“I have worked with Jordan for many years during which time he has demonstrated his GD&T expertise and the ability to help people at all levels understand concepts that can be difficult to grasp.”

Tim Monahan – Quality Manager – Modern Molding

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