



GD&T Training Course

February 14th - 16th, 2023

 **Northwest Machine**
Rogers, Minnesota

What: GD&T Training Seminar

Where: Northwest Machine
20851 Commerce Blvd
Rogers, MN 55376

Dates: February 14th, 15th, 16th

Time: 8:30am - 4:30pm

Cost: \$1,150 (includes lunches, textbook and GD&T poster)

 **NORTHWEST**
MACHINE

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 who 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 24x36" 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
- Overview of the Feature Control Frame
- 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:
jordan@appliedgdt.com
(952)992-0992
www.appliedgdt.com

[Register Here -](https://www.appliedgdt.com/seminars)

www.appliedgdt.com/seminars

Contact Northwest Machine:
(763)493-3660
www.nwmtec.com

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."

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