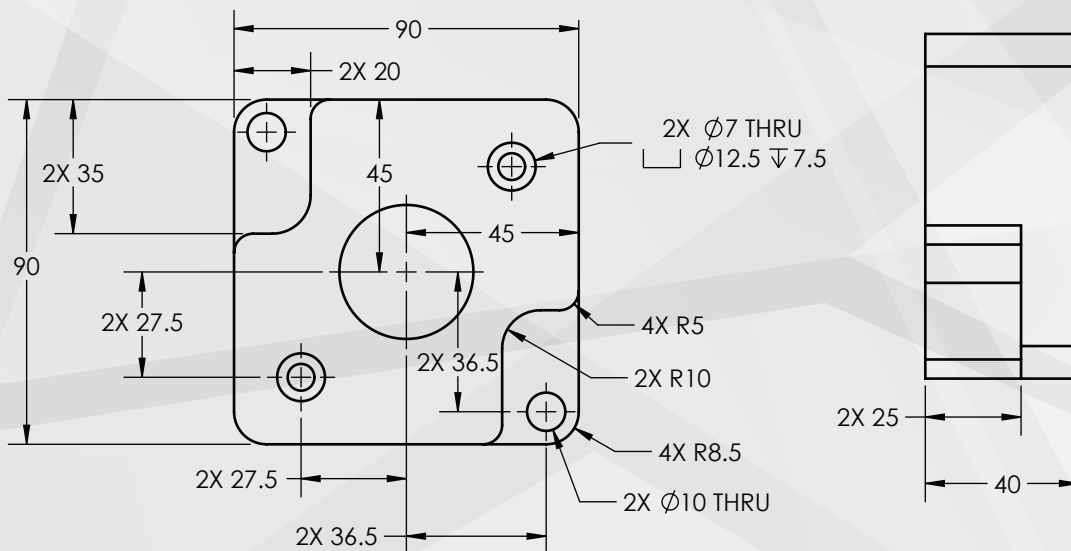


DatumX

Complex Made Simple

ENGINEERING DRAWING BASICS

ONLINE TRAINING COURSE





ENGINEERING DRAWING BASICS

Do your employees know how to properly read drawings?

Are prints being created and interpreted according to the appropriate standards?

Engineering drawings (aka "prints") are critical documents used to communicate between design, manufacturing and quality. Not being able to properly read a drawing can easily lead to costly consequences. This foundational course provides education for creating and interpreting engineering drawings. These skills are essential for anyone involved in design, manufacturing or quality. If you have *any* interaction with engineering drawings, this course is for you!

This self-paced, online course contains detailed information alongside graphical illustrations and animations to help concepts sink in. Multiple quizzes throughout the course and a final exam to ensure the information is being understood. This training course is based on the ASME Y14 drawing standards (such as ASME Y14.100 and Y14.5).

Course includes a certificate of completion which is issued after fully completing all lessons and quizzes.

Some of the concepts covered in this course –

- Drawing Types
- Structure of Detail Drawings
- Title Block & Other Blocks
- General & Local Notes
- Line Conventions & Units
- Symbolology
- Orthographic Projection (1st/3rd Angle)
- Section, Detail, Auxiliary Views
- Dimensioning (On Drawing or CAD Model)
- Direct Tolerancing
- Features of Size (Local Size/Rule #1)
- Overview of Geometric Tolerancing

*An optional textbook and training part is available to go along with the course to increase the effectiveness of the training and for the student to have for reference.

*This course is also available as a subscription for use on your company LMS. Contact for more information.

Contact Info:
info@appliedgdt.com
www.datumX.com

About the Trainer...

Jordan Pepin, Senior GD&T Professional

Jordan has over 25 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. Jordan has taught hundreds of students and 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 (a Cretex Medical Company)

“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

DatumX training is owned and operated by Applied GD&T, LLC

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