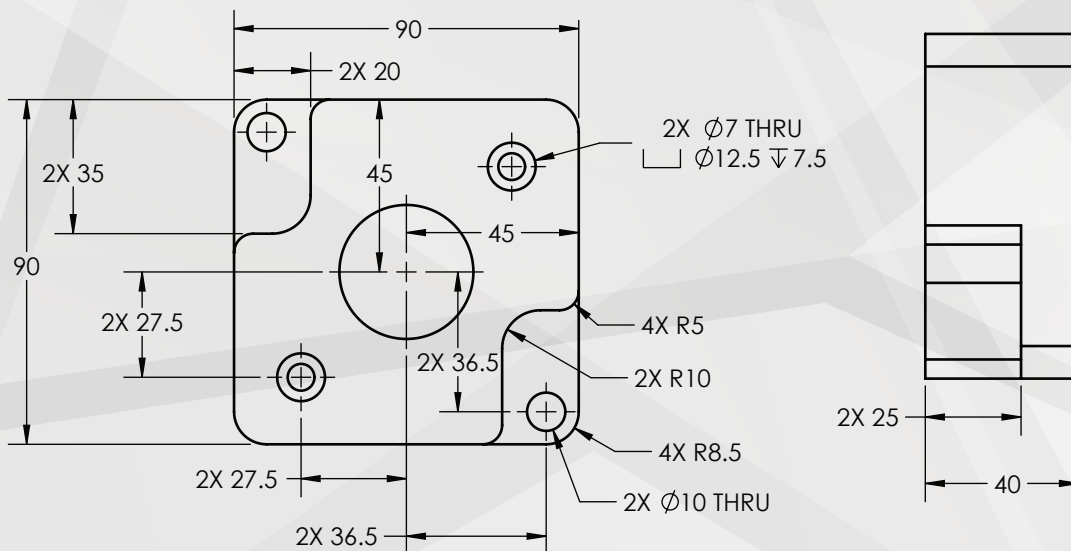


DatumX

Complex Made Simple

ENGINEERING DRAWING BASICS

BASIC PRINT READING COURSE (ON-DEMAND)





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 –

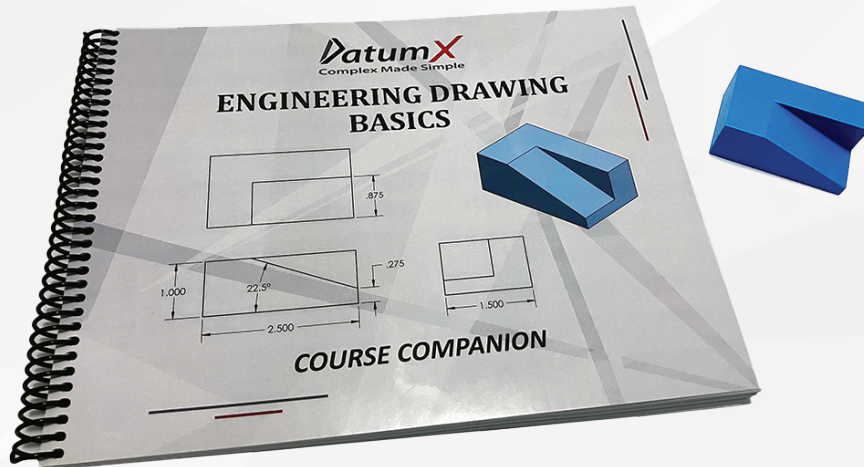
- Drawing Types
- Structure of Detail Drawings
- Title Block & Other Blocks
- General & Local Notes
- Line Conventions & Units
- Symbolology
- Orthographic Projection (1st/3rd Angle)
- Section, Detail, Auxiliary Views
- Dimensioning (On Drawing or CAD Model)
- Direct Tolerancing
- Features of Size (Local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

Contact Info:

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ENGINEERING DRAWING BASICS

Optional Textbook and Training Part



Enhance the effectiveness of the training with a graphical textbook that includes content from the course as well as pages for notes. The book is also a great reference for the student to refer to after going through the training.

The physical training part helps the student understand how 2-Dimensional drawing views represent a 3-Dimensional part. The training part is especially helpful in learning orthographic projection (3rd Angle and 1st Angle).

Implement This Course on Your LMS

This training course is available as a subscription for use on your company's LMS (Learning Management System). Provided as a SCORM-Compliant package to install on your LMS for broader implementation for any employees. This course is excellent as a part of standard training for new employees to ensure they have a solid foundation to help them properly interact with drawings.

Contact For More Information

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