

Course Outline

DEN 330 Drawing Interpretation

Course Learning Objectives:

The main objective of the Drawing Interpretation course is to expose currently employed personnel to the basic components of a mechanical engineering drawing.

Each module in the course has its own set of objectives relative to the specific module topic.

Course Prerequisites:

Drawing Interpretation is an entry level course for people who need to be able to understand mechanical engineering drawings for their jobs. While there are no specific prerequisites for this course you will need the following:

- access to a computer and printer (color is helpful),
- a v4.0+ web-browser,
- a connection to the Internet,
- access to an Adobe .pdf viewer.

Required Texts/Materials:

While it is not absolutely necessary to complete the course, having a copy of the Y14.5M-1994 Dimensioning and Tolerancing standard will make the course more understandable. This standard is required in subsequent geometric dimensioning courses. You may order this standard from: 1-800-THE-ASME.

Class Participation:

For the maximum benefit, read all assignments and answer the questions in a timely manner. The assignments and quizzes are presented as a method for you to think about the material one more time.

Don't hesitate to ask questions via email.

Course Outline:

Week	Topic
1	Introduction
	Drawing Layout
2	Part Views
	Auxiliary Views
3	Isometric Views
	Section Views
4	General Dimensioning
5	Tolerancing
	Surface Texture
6	Fasteners
	Welding