

Chapter 7 – Lesson and Assignments

Assignments will be in the format of going through the step-by-step tutorials that will be assigned from the textbook.

Why this type of assignment is important:

As more CAD Technology advances, the more the drawing tools that are included in the CAD software system. In AutoCAD, many of the design tools can perform the same functions but may save a couple of milliseconds here and there, depending on the set up and the good being manufactured in the industry.

Also, the step-by-step tutorial method of the textbook gives us the opportunity to venture into alternate tools that would prepare us for advanced CAD courses and for the CAD profession.

The Assignment – The Bracket Design:

Follow all the steps in Chapter 7 to complete the following:

(Note: Only the titles are given, in case some students are using different editions of the same book).

- Starting Up AutoCAD 2022 (or whichever one that you are using).

- Layers Setup

- LineWeight Display Control

- Drawing Construction Lines

Using the Offset Command
Set Layer Object_Lines as the Current Layer
Creating Object Lines
Creating Hidden Lines
Creating Center Lines
Turn Off Construction Lines
Using the Fillet Commands
Saving the Completed CAD Design.

Continue with your project to include:

The Dimension Toolbar
Using Dimension Style Manager
Dimension Nomenclature and Basics
Using the Center Mark Command
Adding Linear Dimensions
Adding an Angular Dimension
Adding Radius and Diameter Dimensions
Using the Multiline Text Command
Adding Special Characters.

Save and submit your work as Chapter 7 assignment by Your Name.