EGR 110
Engineering Graphics
File: N110IA1

Inventor Assignment #1

Reading Assignment:
Read Chapters 1 & 2 in Parametric Modeling with Autodesk Inventor 2013, by Randy Shih

Computer Assignment:
Create a solid model of the plate shown in Chapter 2, Problem 3 of the text according to the following specifications:

- Create a sketch in Inventor using the dimensions provided. You may need to add additional dimensions (at this time) to properly locate and size all features. All dimensions should be neatly placed.
- Add text under the sketch as follows:
  > Your name
  > EGR 110 – Engineering Graphics
  > Inventor Assignment #1
  > Textbook Problem 2.3
- Extrude the sketch to the specified thickness and switch to an isometric view.
- Use ROTATE to rotate the isometric such that it looks similar to the figure shown in the text (for example, you should be able to see through the holes).
- Print the sketch using FILE - PRINT (note that this is not how we will print drawings later in the course).
- Print the isometric using FILE - PRINT (note that this is not how we will print drawings later in the course).
- Staple the two drawings together and submit them to the instructor.