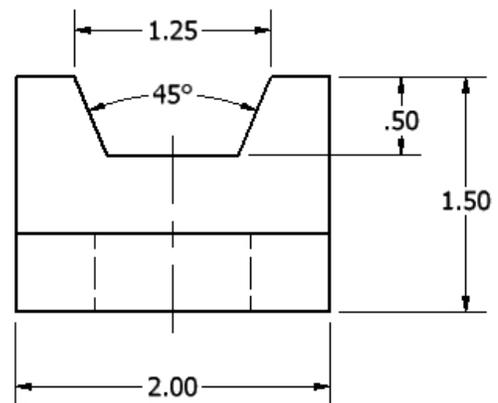
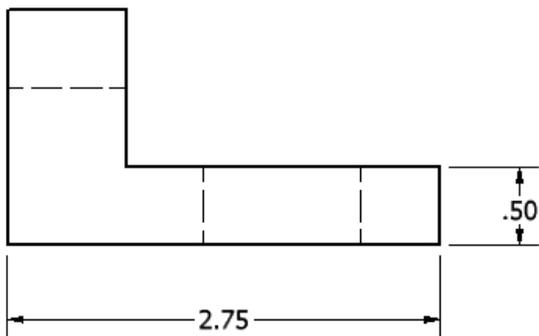
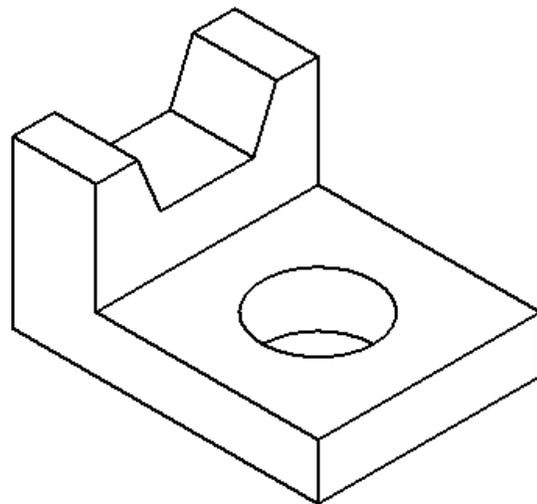
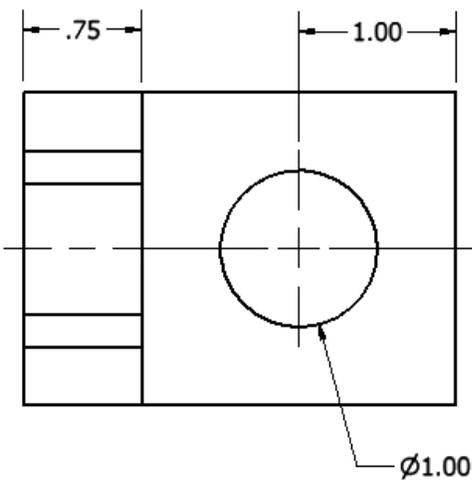
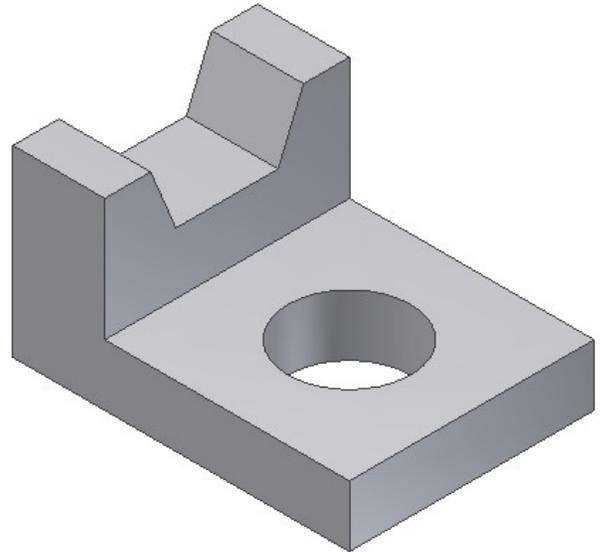


Day 1 Introduction to 3D Parametric Modeling

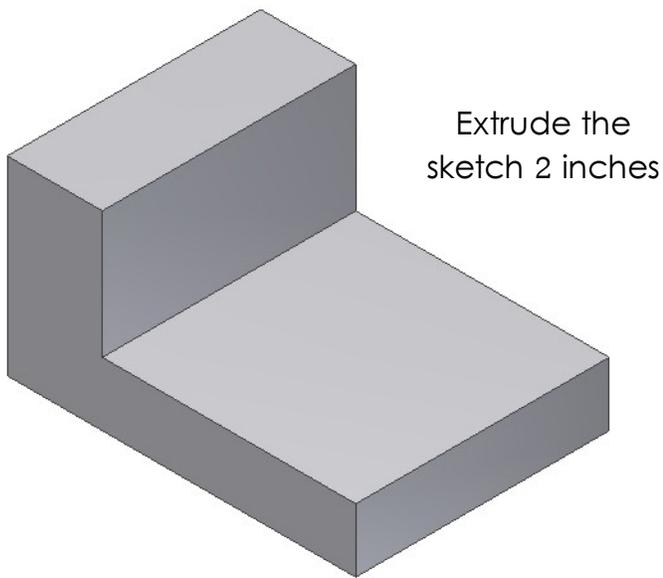
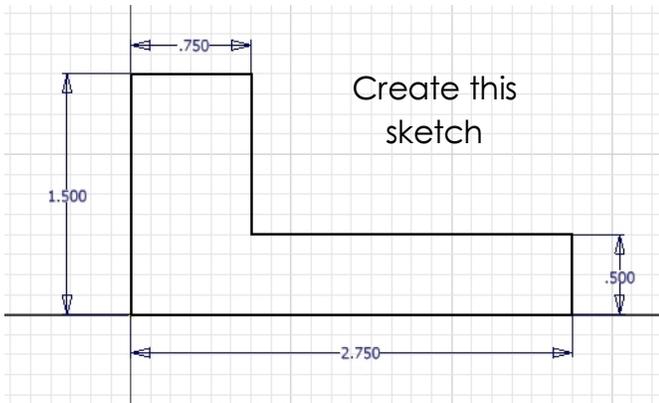
We will be creating the following model

Follow the steps in this document to insure the geometry is created in logical order. Defining geometry this way allows the CAD user to change dimensions and see the results. This is one example of parametric modeling.

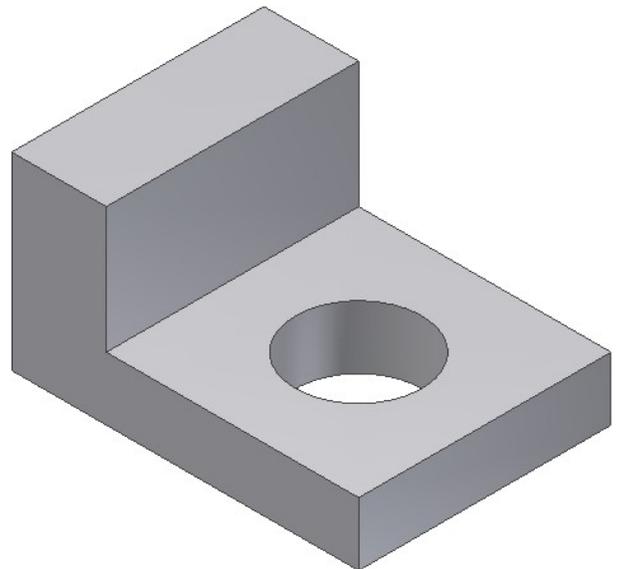
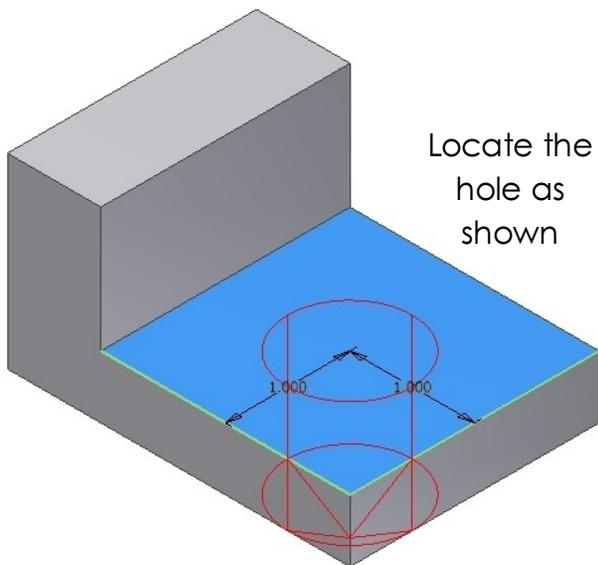
Study the following drawing before creating this model:



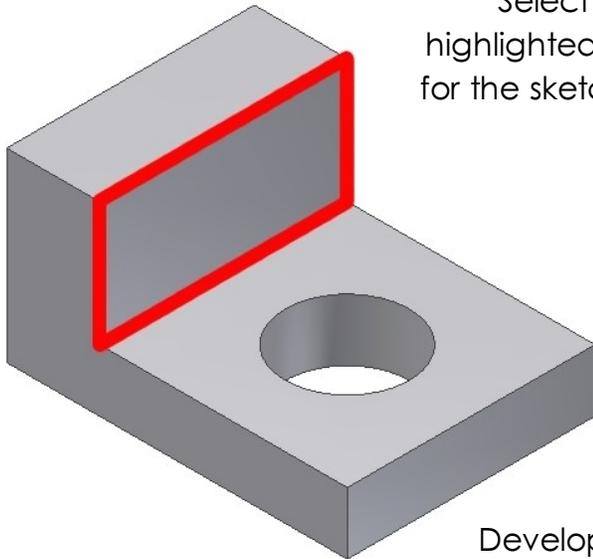
Step 1: Create an extruded feature



Step 2: Create a straight hole

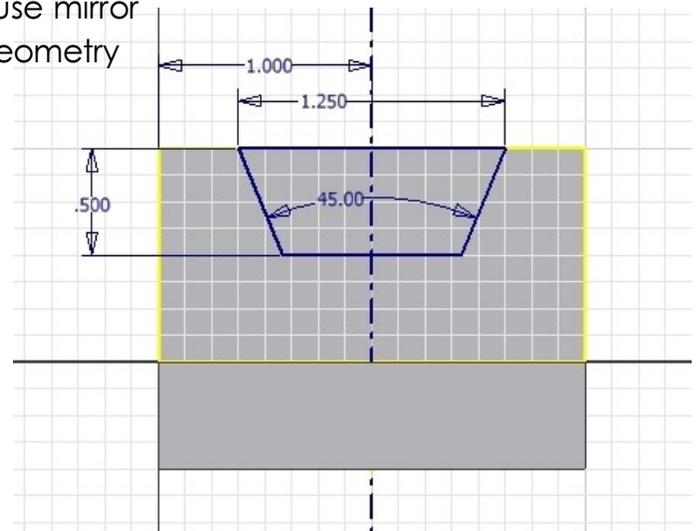
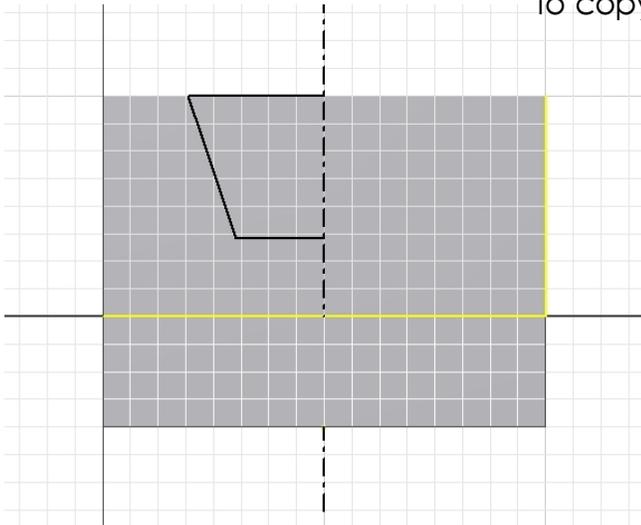


Step 4: Create a cut



Select the highlighted surface for the sketch plane

Develop the sketch in stages - use mirror to copy geometry



When your sketch is complete, use it to remove material as shown to finish the model.

Try changing dimensions of various features and notice the differences when the geometry updates.

