MEEG202 LABORATORY SESSION

Auxiliary Views

Please create the Hook (from the Solid Works Essentials: Parts and Assemblies Vol. 1, pg.182 Exercise 16). Dimensions can be found at Auxiliary-dim.pdf for the part.

Using the UD title block, please create the one principal view and the one auxiliary view as shown at the bottom of the layout on the following page - do NOT create the top view; that is only there to show you how a top true-projection would look. Also, remember the picture on the next page is for guidance, it is your responsibility to add dimensions, remove tangent edges, make sure hidden lines are shown, AND add any required centerlines!

Auxiliary views:

- The process of inserting auxiliary views is a fairly simple one. First place the principal view which you would like to project the auxiliary view off of, and any of the other default views that are desirable.

- Next you will have to create an edge to reference the view off of. In this case there is not a good reference edge to use, so you must use the line tool in the sketching menu to create a construction line along the axis which you wish to project the view.

- To add the auxiliary view go to Insert>Drawing View>Auxiliary in the windows menu. Then select the construction line that you just created and you can then place the auxiliary view with the mouse. It should project normal to the construction line you just created.

Fill in the title block with the COURSE NAME, DRAWING TITLE, YOUR NAME, DATE and SCALE, raise your hand when finished to ‘submit’ your lab for attendance.
Construction line used to define projection axis (should not show up in final layout)