

Three-Dimensional Modeling, IET-265 Name: \_\_\_\_\_

Spring 2013, Week 2

In Class Evaluation (ICE)

*Junction Box and Plate*

20 points total

Day and date: \_\_\_\_\_

*Junction Box* (10 pts)

- Completeness with symmetry (2pts)
- Fully defined sketch with dimensions (3pts)
- Orientation (1pt)
- Extrude, Feature Fillet, Shell, Extrude Cut for hole, (1pt each).
- Extras and errors

*Press Plate* (see below) (10 pts)

- Units millimeters, Material, AISI 304 Steel, base sketch on Front Plane
- Completeness with symmetry, origin and planes are in the center (2pts)
- Correct starting plane (1pt)
- Fully defined sketch with dimensions (2pts)
- Rename your Extrude Boss/Base to “Base” Cut Extrude to “Front Holes” (2pts)
- Extrude, Feature Fillet, Extrude Cut for holes (1pt each)
- Mass (2pts)
- Extras and errors

