Three-Dimensional Modeling, IET-265   Name: _____
Winter 2013, Week 3
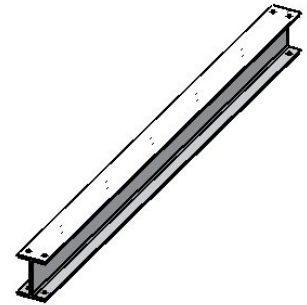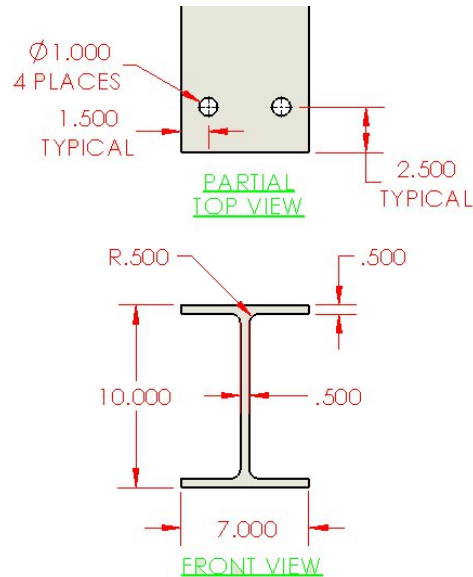In Class Evaluation (ICE)
I Beam, Slot Plate and *Outlet Cover*   Day and date: _____
30 points total

The *"I Beam"* (10 pts)
- Completeness with symmetry (1pt)
- Correct starting plane (1pt)
- Material 6061 Alloy (1pt)
- Fully defined sketches with dimensions (2pts)
- Feature Fillet, Extrude Cut for holes (1pt each)
- Find the Mass, precision at 4 units after the decimal (3pts)
- Extras and errors

Drawing 1, ED Ex 1.15 (10pts)
- Resave the file with the following name "Slot Plate" (1pt)
- Completeness with symmetry (1pt)
- Correct starting plane, material AISI 304 (1pt)
- Fully defined sketches with dimensions (1pt)
- Modify dimensions: total height 50mm, width 120mm, radius 22mm (1pt each)
- Find the Mass, 2 units after the decimal (1pt) Center of Mass x, y and z (2pts)
- Extras and errors

Outlet Cover (10pts)
- Completeness with symmetry (1pt)
- Rename your features (1pt)
- Correct starting plane (1pt)
- Material PVC Rigid (1pt)
- Fully defined sketches with dimensions (2pts)
- Feature Fillet or Chamfer, Shell, Extrude Cut for hole, Hole Wizard (4pts)
- Extras and errors