

SolidWorks, IET-265

Name: \_\_\_\_\_

Spring 2011, Week 3, Evaluation

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

*Modify Evaluation:*

- Load and modify this part per drawing provided (2 points), fully define this sketch (the *fixed* sketch relation is not an option) with Front Plane symmetry (1 point)
- Modify hole to stem or stem to hole as shown using dimensions provided (2 points)
- Insert Hole Wizard hole as shown (1 point), Linear Pattern this hole as shown (1 point)
- Modify cosmetic thread on circular feature as shown (1 point)
- Material, your choice, rename your features (1 point)
- Determine the volume of modified part, put in your email (1 points)

*Design Assignment:*

- Material make this Magnesium Alloy (1 point)
- Correct plane (1 point)
- Fully Defined (1 point)
- Completeness, all features (2 points)
- Modifications as directed (3 points)
- Correct dimensions and relations (1 point)
- Rename your features (1 point)