

EN1740 – Assignment 3

Due: Friday, 3/2/12

The objective of this exercise is to create a model and engineering drawing that captures the design intent of a component. Provided is the mating component to the one you will create (please see supporting materials on course webpage) as well as the non-critical to function dimensions for the part (see image below).

Part 1. Create the blue part model shown below. Include cosmetic features (rounds and chamfers) as well as the critical part features. For the cosmetic features, use the provided part as a guide for appropriate sizes.

Part 2. Create an engineering drawing for this component expressing the design intent for the component. Set appropriate views and provide critical to function dimensions. Please use the format (c.frm) provided in lecture to include a title block.

For submission:

- Send the part and drawing files together to en1740.brown@gmail.com
- Print a hard copy of drawing and submit this to Stephanie Gesualdi on the 7th floor.



