

ES 100 Introduction to Engineering Design

Homework 4

1. Read Lesson 5 in the textbook and practice it. Submit a print of your result (the gasket design).
2. Read Lesson 6 in the textbook and practice it. Submit a print of your result (the rod guide design in isometric view only).
3. a) Use Pro/Engineer to create a guide bracket as following. Set two parameters H, D and parametric relations as in the figure.
b) Change the dimension of these parameters as $H = 40$ mm, $D = 30$ mm.
c) Give a meaningful name to each feature you created.
d) Find parent/child relations for the third feature you created.
e) Save the result in a floppy disk and name it **yourname.prt**. Submit your disk.

