

Lab Assignment

464/564

Manufacturing Automation

1. Develop a CAD model of the part in ProE as shown in the figure below.
2. Replace the letters on the plaque with the first letter of the last name of each group member (for example Reagan, Bush, Clinton and Bush – RBCB). You can format the letters in any way you would like.
3. Generate the CNC code for the part
4. Save the G code
5. Replace the first line with the Course number- year-group # (e.g 464-2007-1 for group 1)
6. Save the file on a disk and take it with you to the machine shop
7. Visit the machine shop and fabricate the part and submit it with your G code and other supporting material to TA
8. Due date for the project is 10/23/2007

