

# 2.000 Homework # 3: Manufacturing

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

Weight: 40 pts

## DIRECTIONS

Find drivers/directions for using the camera on the web page (Homework 3 link)

You can not retrieve photos using the computers in the ME Labs

You CAN retrieve the photos on another computer, put them on disk, then use the ME lab to put them into this template

This is to be done in groups of 4-5 with others in your lab section

Everyone must turn in their own original work (copy = 0)

This means you should write your own thoughts

Provide the names of others in your group so we may compare notes

Collaborator 1: \_\_\_\_\_

Collaborator 2: \_\_\_\_\_

Collaborator 3: \_\_\_\_\_

Collaborator 4: \_\_\_\_\_

## Rules

- All pictures you use in your homework must be taken with a camera
- You may not take pictures of pictures, you must take pictures of real 3D objects
- If you loose or break the camera, you owe me \$50
- You may not take pictures of any of the machines used in 2.000
- You may only use one part per machine as an example
- Use enough photos and sketches to be ABSOLUTELY clear in your explanation
- You must provide the location at which each photo was taken
- You should insert the photos into this document, print it, then fill it out.
- You must fill out the template for 3 of the following processes (choose 3):
  - 2 Cast parts                      2 Extruded parts                      2 Turned parts                      2 Milled part

**Due: Day 6 @ start of class (hard copy), email PowerPoint file to the TA or bring on floppy disk**

# 2.000 Homework # 3: Manufacturing

Process: \_\_\_\_\_

[ 5 pts ]

Photo(s) of: \_\_\_\_\_

Location of photo: \_\_\_\_\_

Insert Photo(s):

<u>3 clues that prove the type of process used</u>	<u>No sketch/notes = no credit</u>

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3 clues cont.

What other process could be used to form the geometry that this process formed?

Why was this part formed via the process that was used? Be clear in your explanation