Today in 2.000
- Manufacturing activities
- Homework 3
- Mfg plant trip?
- No class on Tuesday, Monday schedule

Manufacturing videos available for checkout
- How a car is made
- Ford mfg plants
- Casting
- Turning
- Milling
- Extrusion
ME Manufacturing Overview

Manufacturing: Developing processes, products, equipment, and other means to satisfy human/customer needs and create wealth

Key issues:

- We are your resources, use us to learn about the process!
- Consider what you will need to know to do the homework
- Think about how the mfg process/choice relates to the machine function

2.000 Survey of common mfg processes

2.007 Design and Mfg. I Design process
- Design and build a robot

2.008 Design and Mfg. II Detail mfg. Processes
- Design and build tools, process, and associated materials to make a yo-yo

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How Design and Manufacturing work
Processes examples

Milling.avi

Forging.avi

Plastic_injection_molding.avi

Casting.avi

Plasma_cutting.avi

Die_casting.avi

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