

“Guidance beats prescription. Guidance is great when flexibility is required. Prescription is great when the solution to a problem is know once and for all. Creatures need guidance, not prescription. Why? Because the most constant feature of a mobile creature’s environment is its inconsistency.... guidance is better strategy than trying to prescribe every possible solution for every possible contingency. Life is complicated and tough...” From “How We Make Decisions” by R. Montague

“ I hope that Senior Design is off to a great start. I found the class very helpful in my first rotation with the Edison program with GE. I worked in compressor airfoil design, and one of my projects was to do a 'Key Part Review' on the stators for one of our turbines. This involved tracking the product from the drawings to the manufacturing to the field to determine sources of defects anywhere along the way. It was a 4 month project and involved lots of communication with many different people. I had to make a Gantt Chart and diligently kept a notebook that I would have been lost without. Also, at GE we charge time daily to the different projects we are working on, so time tracking has become a routine in my life. – ME grad

# Task Tracking Summaries

- Post on group web site
- Update weekly
- Last week – approx. 1 hr spent in all class meeting...please review guidelines
- Michael Giordano will assist you if you have question on the TTS process
- Periodically discuss your time resource allocations with your group – are you meeting expectations?

## Other Deliverables

- Group Design Requirements – hand in hardcopies NOW and post on web site
- Individual Concepts – Due Thursday – bring to Design Studio at 9:30 a.m. on 2/24/08
- Preliminary Design Reviews – Begin next Tuesday, 1/29
- Group Web site – launch as soon as you can!
- Engineering notebook – entries should be made on a regular basis (spiral binding – NOT 3 ring – is ok)

# Design Studio

- B-19 Fitzpatrick
  - Combination – see instructor
- Each group assigned an area – see whiteboard
- Don't leave any personal valuables in room
- Each group will be given a lock for locker – must use AME locks
- Room open 24/7 but must be used and maintained in a professional manner
- More equipment will be issued
- Mr. John Ott – Design Studio Manager, Mr. Jude Miller will assist Mr. Ott.

## Some other issues

- Electric power for your “products” – MUST use low voltage (less than 20 volts) DC power sources for prototypes – Critical safety issue
- All Class Attendance – your responsibility to sign the “all class” attendance sheet each week (15 minutes late w/o a reasonable excuse and you will be considered absent)
- AME Seminar Today – 3:30 pm – The Globe, the car and the co-processor: A Tale about producing the most complex consumer product on earth (138 DeBartolo)