Engin 103
Fall '06
Meeting #5: Sept. 19, 2006

Teams 3, 4, 5, 9 presented Project 0-Part I and Teams 7 and 1 presented Project 0-Part II.

**Suggested items to write in the Engin 103 logbook:**

1) **Continuing with the notes from the Team presentations on Part I**
2) **Your own experiences while working on this project and delivering the presentation today to the class.**

**These notes can be used when you prepare and type the Individual reports due next week.**

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| Team 3 Engineering Field: Chemical Engineering<br><br>Notes:<br><br>Divisions: Biotechnology/Chemical Processing/Petrochemicals/Manufacturing/Design<br>Aspects: Environmental Health/Food Processing/Alternative Fuels/Biotechnology<br>Contributions<br>Salaries<br><br>-Well designed slides, with details<br><br>Grade: (on a scale of 1 to 4 being 4 the highest score) |
| Team 4 Engineering Field: Civil Engineering<br><br>Notes:<br><br>Different than Architecture, which focuses more on the aesthetics.<br>A day at work: covers the three phases of job, including preconstruction<br>Examples: Hoover Dam, Euro Tunnel between England and France, it takes 1.5 hour; Taipei 101 with $3M interior sq. footage<br><br>-Talked about pictures in a slide<br><br>Grade: (on a scale of 1 to 4 being 4 the highest score) |

Team 5 Engineering Field: Computer Engineering

Notes:

Test/design hardware/software
Fastest growing occupation: computer networking
What do I need: knowledge of systems and technologies; problem solving/analytical skills; communication skills; keeping up with new technologies: continuing education

-System for Wearable Audio Navigation (SWAN), for the visually impaired

Grade: (on a scale of 1 to 4 being 4 the highest score)

Team 9 Engineering Field: Materials Science Engineering

Notes:

Metals
Ceramics
Plastics/Polymers
Semiconductors
Stronger Materials
Specific materials needed for some application
Ceramic to block heat from entering the Space Shuttle: silica fiber compound
Abiocor/prosthetic replacement

-Showed samples

Grade: (on a scale of 1 to 4 being 4 the highest score)