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2.00AJ / 16.00AJ Exploring Sea, Space, & Earth: Fundamentals of Engineering Design
Spring 2009

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FUNdaMENTALS of Engineering Design:
Explore Space, Sea, and Earth
2.00AJ / 16.00AJ
Beginning of Term Questionnaire
Spring 2009

Name:

Gender:

Preferred Email:

Living Community:

Expected Major (unknown is okay!):

Do you agree with the following statements? (Rate on a scale of 1 to 5 where 1=do not agree and 5=agree)

1) I enjoy working with new people.	1	2	3	4	5
2) I am comfortable working in teams.	1	2	3	4	5
3) I am comfortable leading teams.	1	2	3	4	5
4) I am an efficient team member.	1	2	3	4	5
5) If my team was having trouble working together, I would ignore it and see if the team could work despite the problem.	1	2	3	4	5
6) If my team was having trouble working together, I would first talk to my teammates.	1	2	3	4	5
7) If my team was having trouble working together, I would talk to a T.A.	1	2	3	4	5
8) If my team was having trouble working together, I would talk to the Professor.	1	2	3	4	5

9) I am a well-organized person.	1	2	3	4	5
10) I am a creative thinker.	1	2	3	4	5
11) Typically, I take initiative on projects.	1	2	3	4	5
12) I prefer to be the leader of my team.	1	2	3	4	5
13) I've never built a thing in my life	1	2	3	4	5
14) I love to build things.	1	2	3	4	5
15) If given a box of mechanical components (metal, plastic, springs, motors, gears), I could build something.	1	2	3	4	5
16) I am comfortable using a power drill.	1	2	3	4	5
17) I am comfortable using a bandsaw.	1	2	3	4	5
18) I can take theory ($F=Ma$, $V=IR$) and use it in design.	1	2	3	4	5
19) I am comfortable with electronics.	1	2	3	4	5
20) I am comfortable writing technical papers.	1	2	3	4	5
21) I am comfortable presenting in front of a group.	1	2	3	4	5

Please give a BRIEF answer the following questions. "None" might be a perfectly appropriate answer in some cases.

22) List the other Math, Physics, engineering, HASS classes are you taking this term?

23) What past machining experience do you have? For how long?

24) What previous project experience do you have that is relative to this course?

25) What is the coolest thing you've ever built, how many people were on your team, and what was it for (science fair, just of the fun of it, class project)?

26) Why are you taking this class?

a. What do you hope to learn from this class?

b. What do you hope to do with this new knowledge?

c. What do you expect the lectures to do for you?

d. What do you expect the lab/project to do for you?

27) How many hours are you expecting to spend working on this class per week? Include everything: in-class time, lab time, homework, project, etc.

_____ Hours/week