

Engin 103
September 20, 2011

Topics:
[Team Presentations: Project 0 Part II](#)
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Section 1 (9:30 AM)

Team Presentations on Project 0 Part I –Engineering Fields (Cont.)

Grading criteria for the presentations were stated in the Project 0 Specifications

- 1) How well did you convince the audience about the importance of the field
- 2) Details about the field: how would a day at work look like
- 3) How to prepare for this career
- 4) Other information you think of interest to the audience
- 5) How clearly the information was spoken or shown.

Project grade will also include the team report, individual report, and the team web page

Fall
2011 Part I
Section
1

Team	Field	1)	2)	3)	4)	5)	Total	Good strategies and information
One	AAE	10	9	8	7	10	88	Good introduction
Two	BME	9	8	7	7	10	82	
Three	ChE	8	8	7	8	8	78	Salary information
Four	CiE	9	5	10	10	10	88	Subfields diagram:design; FE/EIT/PE/ASC
Five	CE	8	7	9	10	9	86	Nice slides
Six	EE	8	7	9	9	10	86	IEEE info
Seven	GGE	8	9	8	9	8	84	GeoCorp/Job opportunities
Eight	IME	5	9	7	9	8	76	Efficiency & Optimization (should start with these)
Nine	MSE	8	5	6	10	8	74	Job titles; industries; FAQ
Ten	ME						0	

Section 1 (9:30 AM)

Team Presentations on Project 0 Part II –Specific Projects

Part II presentations will be graded based on:

- 1) How relevant is the project described to the assigned engineering field,
- 2) Details that were presented
- 3) How many questions you got from the audience following the presentation.

Project grade will also include the team report, individual report, and the team web page

Team	Field	Project/Good strategies	1)	2)	3)	Total	Total Presentation
One	AAE	Boeing 737 Max -Started with main point: 16% more fuel efficiency	10	7	8	84	172.00
Two	BME	Design Body Armor -Talked about testing	10	9	7	90	172.00
Three	ChE	IGS	10	7	6	80	158.00
Four	CiE	Ground Zero -Current topic	10	8	7	86	174.00
Five	CE	Computer Chip	10	8	6	84	170.00
Six	EE	Wind Turbine Project	10	10	10	100	186.00
Seven	GE	Mining Tunnels	9	8	7	82	166.00
Eight	IME	Automobile Manufacturing: Ford	10	9	7	90	166.00
Nine	MSE	M5 Fiber -Started with why it is good	10	7	9	86	160.00
Ten	ME						

Section 2 (2:00 PM)

Team Presentations on Project 0 Part I –Engineering Fields (Cont.)

Grading criteria for the presentations were stated in the Project 0 Specifications

1) How well did you convince the audience about the importance of the field

2) Details about the field: how would a day at work look like

3) How to prepare for this career

4) Other information you think of interest to the audience

5) How clearly the information was spoken or shown.

Project grade will also include the team report, individual report, and the team web page

Fall
2010 Part I
Section
2

Team	Field	1)	2)	3)	4)	5)	Total	Good strategies and information
One	AAE	8	9	9	8	10	88	History/Local Schools/NASA current program to Mars/well designed slides
Two	BME	9	6	9	10	10	88	Prominent applications/Courses/Job titles/Salary charts
Three	ChE	9	9	9	9	10	92	History/AICE

Four	CiE	10	10	10	10	10	100	Questions/Top achievements/Handouts/Videos
Five	CE	8	9	6	9	9	82	Local company BBN
Six	EE	9	6	9	10	10	88	Importance: communication, transportation, medical devices/FE/Used flashcards/Good slides/Quiz
Seven	GGE	9	8	8	5	10	80	
Eight	IME	8	7	9	10	10	88	Top 10 schools/Courses/Experience/US jobs/Local jobs/Rules
Nine	MSE	9	6	6	8	9	76	MRS/ACERS
Ten	ME						0	

Section 2 (2:00 PM)

Team Presentations on Project 0 Part II –Specific Projects

Part II presentations will be graded based on:

- 1) How relevant is the project described to the assigned engineering field,
 - 2) Details that were presented
 - 3) How many questions you got from the audience following the presentation.
- Project grade will also include the team report, individual report, and the team web page

Team	Field	Project/Good strategies	1)	2)	3)	Total P II	Total Project 0 Presentation
One	AAE	Superjumbo A380 - Facts/Design & Building	10	9	7	90	178
Two	BME	Stem Cell -NIH research project	10	8	8	88	176
Three	ChE	Oil Refineries - Goals/Staffing	9	7	7	78	170
Four	CiE	Grand Canyon Skywalk - Testing/Videos	10	10	7	94	194
Five	CE	Boomerang/Honeypot	10	7	7	82	164
Six	EE	Engineering a Brighter Sudan -Charts/Facts	10	9	9	94	182
Seven	GE	Lake Mead Intake #3	10	7	10	88	168
Eight	IME	Estimating Costs - Objectives	10	8	5	82	170
Nine	MSE	Dragon Skin Bullet-Proof Vests -Design details	10	8	10	92	168
Ten	ME						

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LOGBOOK: [example of a logbook page](#)

-Use a quadrille notebook; number all pages; date all entries

-Write your notes for all activities, thoughts, problems and solutions, and learning conclusions related to Engin 103. You should write down progress, outcomes, and conclusions on projects and teamwork; conclusions from class work (including LabVIEW) and homework.

-In addition you should answer in the logbook all questions listed in these notes in blue, as shown below:

7) Describe a least one specific engineering projects that were presented today that stood out for you, write a critique on their relevancy to the intended engineering field, referring to specific details presented by that team.

8) Suppose your team is being asked a question after a presentation, consider this dilemma: a) the need to provide a quick answer and b) the importance of providing correct and accurate information, for which you may need to defer the answer till after the presentation. Explain what option, a) or b) you would be more inclined to and why.

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