Peer Evaluation and Final Exam

EECE401 Senior Design I

EECS
Howard University

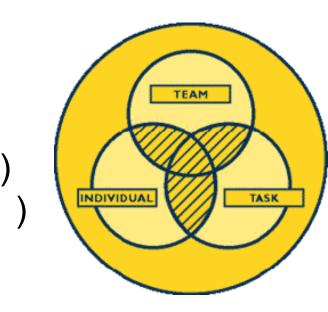
- Peer Evaluation
- Final Exam

www.mwftr.com/SD2223.html

Why do we do peer evaluation? More than just tasks

Team

```
Composed of ( )
With ( )
Committed to (
Holding each (
```



Effective Team Output:

```
Productivity in ( )"
```

- morale through () building
- Key to Success

```
– ( ) between ( )
```



) and

Peer Evaluation – Rationale

What?

 Evaluation of <u>each team member's contribution</u> to the team in terms of <u>Task Achievement</u> and <u>Relationship</u> <u>Building</u>

Why?

- Encouragement of Team Playing (Expectation, rules, and commitment)
- Fair assessment of team members by contribution

How?

- Each member rate <u>other team members</u> and fill out a <u>form individually</u> (in the form of <u>bonus</u> distribution)
- The submitted evaluation forms and results <u>are kept</u> confidentially by the advisor or the instructor.
- But will be used in grading
- Each member submits the form via email/Slack by (F)
 Dec 2 8:00pm

Peer Evaluation Form

- Task-related contribution items
 - 1. Completes assigned works before due
 - 2. Attends meetings with completed works and arrives on time.
 - 3. Brings and generates creative ideas to the team
- Relationship-related contribution items
 - 4. Supports and respects other members' efforts and opinions
 - 5. Is responsible and accessible
 - 6. Demonstrates effective leadership and/or keeps the team's morale high and strong

Peer Evaluation Form (due F Dec 2, 8:00pm)

		Peer E	valuatio	n Form				
		Senio	or Design (Class				
	Date							
	Your team name							
	Your name (evaluator)							
	Bonus distribution (as Peer Ev	aluation)						
	For each of the 6 items below,	you have	\$600 to d	istribute t	to your fe	llow team	members	5.
	The total amount distributed to	them mu	st be \$60	0 or less.				
					_			
	Exclude yourself in Evaluation	Nomed	Nome	Last Nan		Nom o E	NomeC	
		Name1	Name2	Name3	Name4	Name5	Name6	
#	Member last names HERE>							
Ta	sk-related contribution items	·	·	·	·			
	Completes assigned works							
1	before due							0
	Attends meetings with							
0	completed works and arrived on							0
2	time Brings and generates creative							0
3	ideas to the team							0
	lationship-related contribution i	tems						0
110	Supports and respects other	COMB						
4	members' efforts and opinions							0
	·							
5	Is responsible and accessible							0
	Demonstrates effective							
	leadership and/or keeps the							
6	team's morale high and strong							0
	Total Amount	0	0	0	0	0	0	

Peer Evaluation - Example

4-person team

	Peer Evalua	ation Form		
	Senior Des	sign Class		
ite	12/02/2020			
Your team name AutoNav				
our name (evaluator)	Chris Hansome			
di-4-ib-4i / D F				
nus distribution (as Peer E	valuation)			
onus distribution (as Peer E or each of the 6 items below	•	to distribute to	your fellow tea	am men

	Exclude yourself in Evaluation	Last Names only						
		Name1	Name2	Name3	Name4	Name5	Name6	
#	Member last names HERE>	Peter	Toni	Kris				
Ta	sk-related contribution items							
	Completes assigned works							
1	before due	200	150	250				600
	Attends meetings with							
	completed works and arrived on							
2	time	250	200	150				600
	Brings and generates creative							
3	ideas to the team	250	175	175				600
Re	Relationship-related contribution items							
	Supports and respects other							
4	members' efforts and opinions	150	200	250				600
5	Is responsible and accessible	175	250	175				600
	Demonstrates effective							
	leadership and/or keeps the							
6	team's morale high and strong	250	175	175				600
	Total Amount	1275	1150	1175	0	0	0	

Peer Evaluation - Example

Alternative Format

Any format is possible if the necessary information is included

Peer Evaluation Date: 12/2/2020

Team: AutoNav

Evaluator: Chris Hansome

#	Peter	Toni	Kris
1	200	150	250
2	250	200	150
3	250	175	175
4	150	200	250
5	175	250	175
6	250	175	175
Total	1275	1150	1175

Course Grading

Grading

- Individual Score (I):25% + 5%
 - Attendance (5 %) EXTRA
 - Homework (essay) (10 %)
 - Final Exam (10%)
 - Team Participation (-graded by team leader) (5%)
 - Final Exam (10 %)
- Team Score (G): 75%
 - Team Assignments (25 %)
 - Team Presentation (20%)
 - Team Solution Design Report (20 %)
 - Other Team Activities (10%)
- Peer Evaluation Score (P):
- Individual Score (F)
 - F = I + G*P

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# Grades

△ A: 90 - 100

△ B: 80 - 89

△ C: 70 - 79

△ D: 60 - 69

△ F: 0 - 59
```

Final Exam (11:00am -1:00pm (M) Dec 5) - Timed-Assignment in the Blackboard

Section 1 (50 pts): from the <u>Lectures</u>

- 1. Definition of Engineering Design
- 2. Three major processes of engineering design
- 3. Team, team success, and team building
- 4. Solution Generation Process
- 5. Engineering Ethics

Section 2 (50 pts): from your <u>own project</u>

- 1. Problem Statement
- 2. Design Requirements Product/Software specification
- 3. Design Requirements Standards, Social, cultural, environmental, constraints (limitations)
- 4. Decision-Making process for top solution design from 2 design ideas
- 5. Final Solution Design Patent formatted description

Timeline

Due Date	assignment/presentation/exam
(M) Oct 24	Section 1
(M) Nov 7	Section 2
(M) Nov 14	Solution Report
(M) Nov 21	Ethics Essay
	Solution Design Presentation1:
	Aerospace, Deliveroid, EMVP
(M) Nov 30	Solution Design Presentation 2:
	Gen Aqua, Photon, Terminator
(F) Dec 2	Peer Evaluation Submission
(M) Dec 5	Final Exam (11:00am – 1:00pm) by the format of timed- assignment in the Blackboard