University of Pittsburgh

Spring 2017 - Numerical Report for Matthew Barry

MEMS 0031 - ELECTRICAL CIRCUITS - 1060 - Lecture

2174 - Teaching Survey

Total Enrollment 53
Responses Received 51
Response Rate 96.23%

Subject Details	
Name	MEMS 0031 - ELECTRICAL CIRCUITS - 1060 - Lecture
DEPARTMENT_CD	MEMS
CAMPUS_CD	PIT
SCHOOL_CD	ENGR
CLASS_NBR	30527
COURSE_NUMBER	31
SECTION_NUMBER	1060
TERM_NUMBER	2174
COURSE_TYPE	Lecture
CLASS_ATTRIBUTE	
ENROLLED_STUDENTS	53
First Name	Matthew
Last Name	Barry
RANK_DESCR	Assistant Professor
FIRST_GRAD_TERM_START_DATE	
TENURE	NT

Report Comments

Table of Contents:

Instructor and Course Evaluation

- Overall Summary of Results
- Detailed Results

Student Self Report (if applicable)

Creation Date Fri, May 19, 2017

Instructor Summary of Results

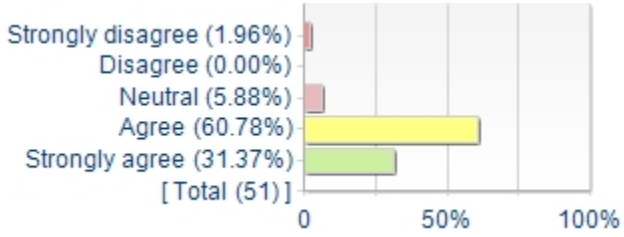
Question	Results		
	Mean	Response Count	Standard Deviation
The instructor stimulated my thinking.	4.20	51	0.72
The instructor was enthusiastic about teaching the course.	4.20	50	0.78
The instructor presented the course in an organized manner.	4.43	51	0.78
The instructor maintained an environment where students felt comfortable participating.	4.18	51	0.84
The instructor maintained an environment where students felt comfortable seeking assistance.	4.37	51	0.80
The instructor provided helpful feedback.	4.20	51	0.89
Assignments contributed to my understanding of the subject.	4.37	51	0.75

Instructor's overall teaching effectiveness

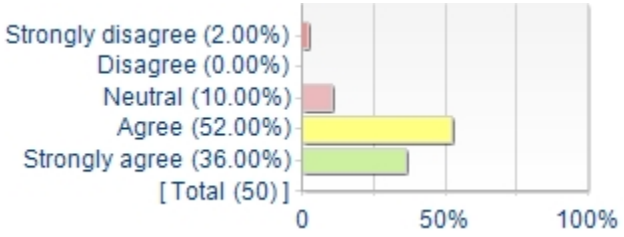
Question	Results		
	Mean	Response Count	Standard Deviation
Express your judgment of the instructor's overall teaching effectiveness.	4.29	51	0.83

Instructor Evaluation: Detailed Results

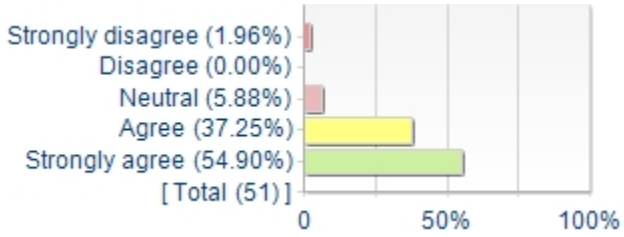
1. The instructor stimulated my thinking.



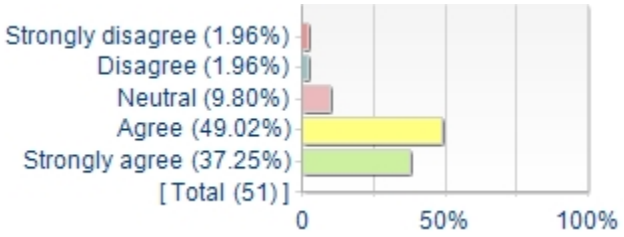
2. The instructor was enthusiastic about teaching the course.



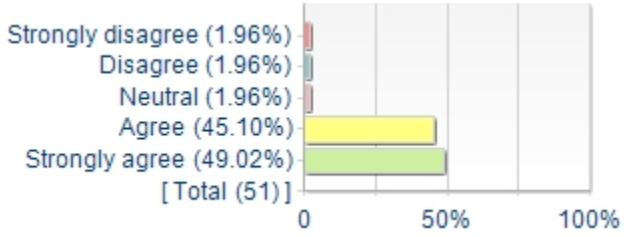
3. The instructor presented the course in an organized manner.



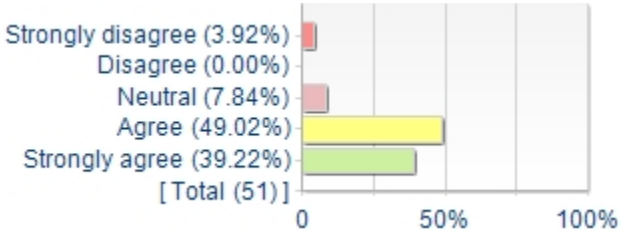
4. The instructor maintained an environment where students felt comfortable participating.



5. The instructor maintained an environment where students felt comfortable seeking assistance.

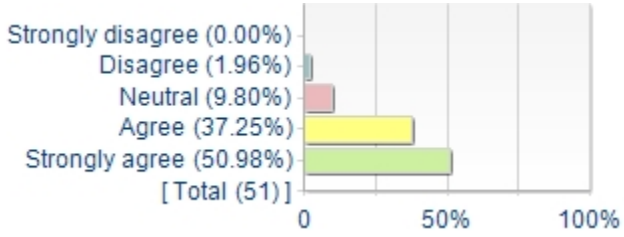


6. The instructor provided helpful feedback.

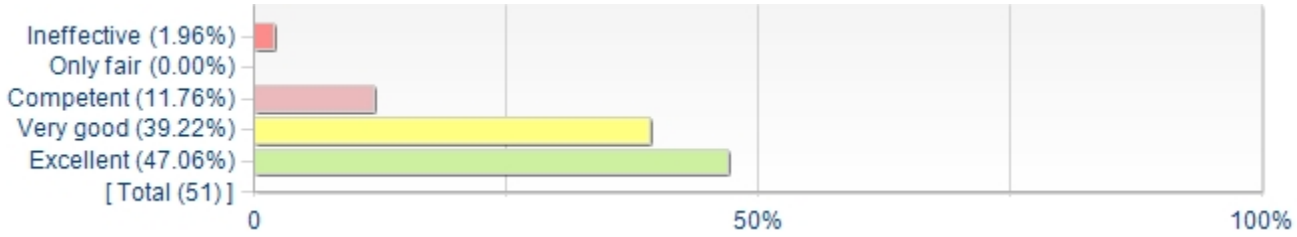


Instructor Evaluation: Detailed Results (continued)

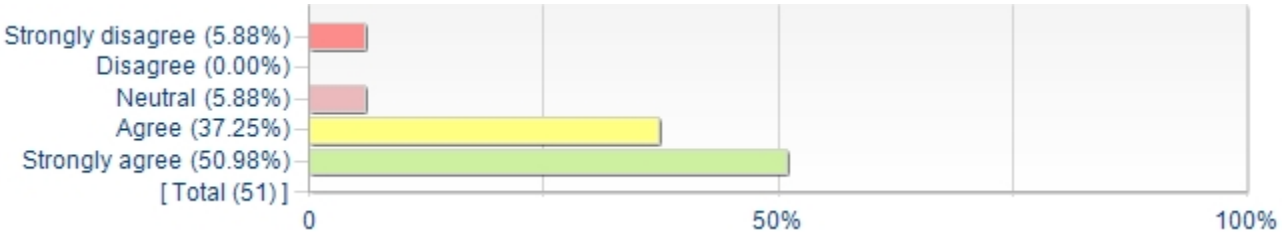
7. Assignments contributed to my understanding of the subject.



Instructor's overall teaching effectiveness:



The instructor was accessible.



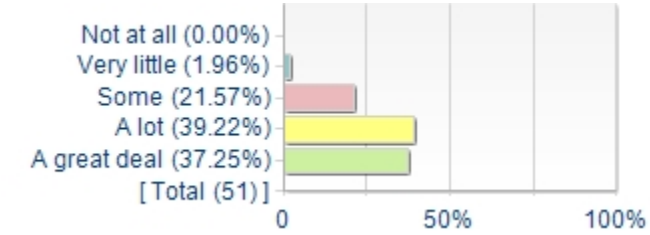
This course has improved my:

Question	Results		
	Mean	Response Count	Standard Deviation
Ability to use math concepts to solve engineering problems.	4.12	51	0.82
Ability to use chemistry concepts to solve engineering problems.	1.90	51	1.20
Ability to use physics concepts to help solve engineering problems.	3.55	51	1.05
Ability to use engineering concepts to help solve problems.	3.82	51	0.84
Ability to design an experiment to obtain measurements or gain additional knowledge about a process.	2.64	50	1.37
Ability to analyze and interpret engineering data.	3.20	51	1.18
Ability to design a device or process to meet a stated need.	3.55	51	1.03
Ability to function effectively in different team roles.	1.80	51	1.17
Ability to formulate and solve engineering problems.	3.63	51	0.98
Ability to use laboratory procedures and equipment.	1.59	51	1.00
Ability to use software packages to solve engineering problems.	2.29	51	1.29
Ability to use CAD software.	1.47	51	0.99
Knowledge of professional and ethical responsibility.	2.49	51	1.38
Ability to write reports effectively.	1.59	51	1.08
Ability to make effective oral presentations.	1.43	51	0.94
Knowledge about the potential risks (to the public) and impacts that an engineering solution or design may have.	2.92	51	1.43
Ability to apply knowledge about current issues (economic/environmental/political/societal/etc.) to engineering-related problems.	2.63	51	1.37
Appreciation of the need to engage in life-long learning.	3.51	51	1.25

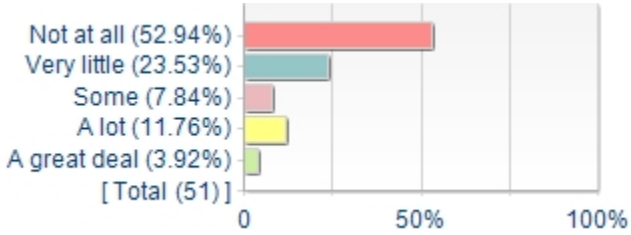
Swanson School of Engineering Additional Items Detailed Results

This course has improved my:

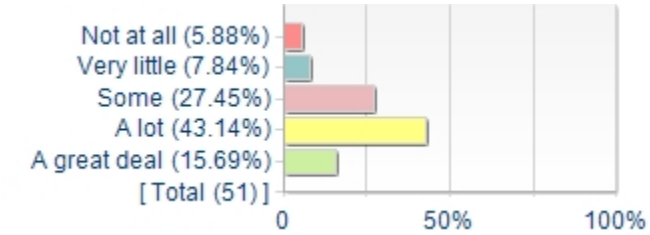
1. Ability to use math concepts to solve engineering problems.



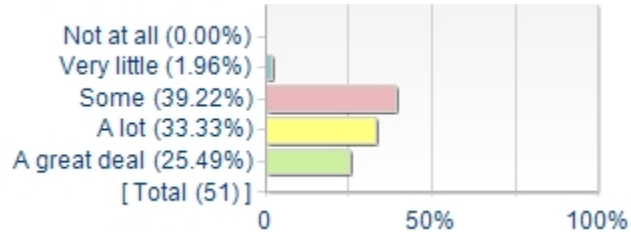
2. Ability to use chemistry concepts to solve engineering problems.



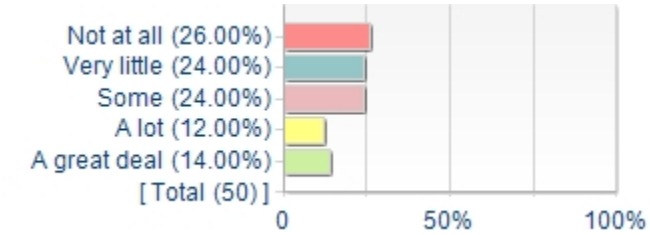
3. Ability to use physics concepts to help solve engineering problems.



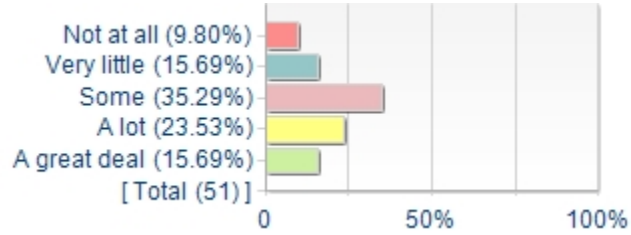
4. Ability to use engineering concepts to help solve problems.



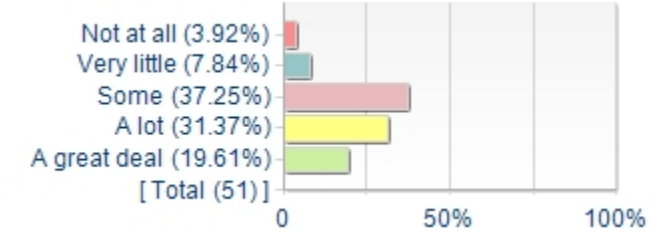
5. Ability to design an experiment to obtain measurements or gain additional knowledge about a process.



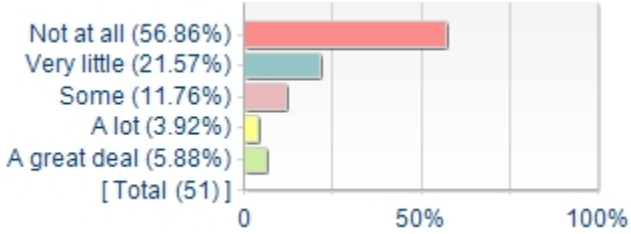
6. Ability to analyze and interpret engineering data.



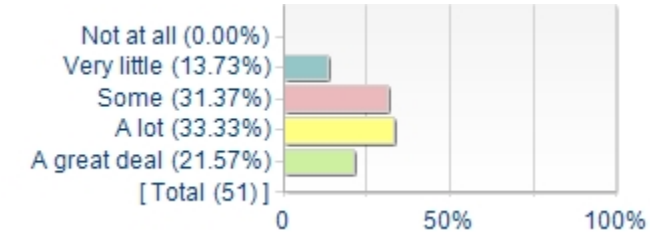
7. Ability to design a device or process to meet a stated need.



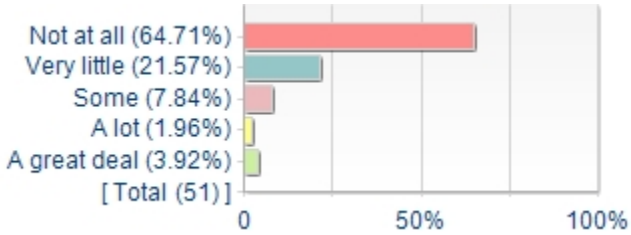
8. Ability to function effectively in different team roles.



9. Ability to formulate and solve engineering problems.



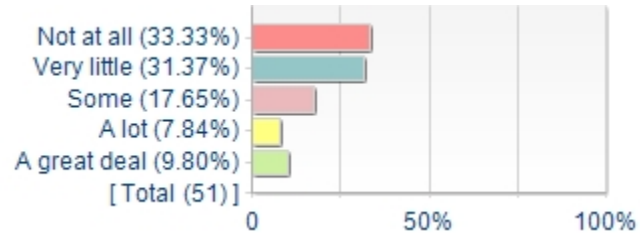
10. Ability to use laboratory procedures and equipment.



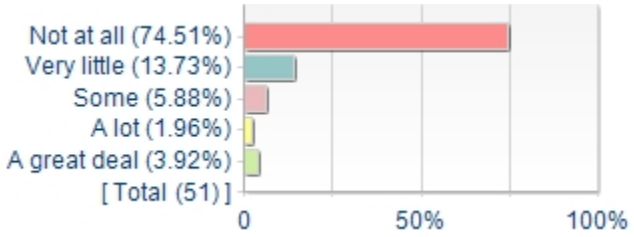
Swanson School of Engineering Additional Items Detailed Results (continued)

This course has improved my:

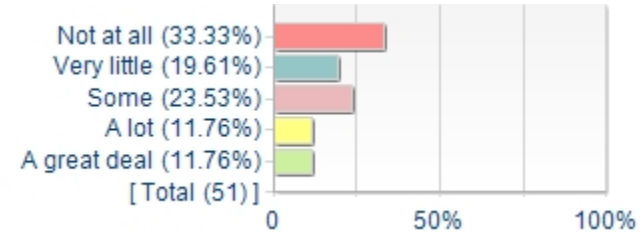
11. Ability to use software packages to solve engineering problems.



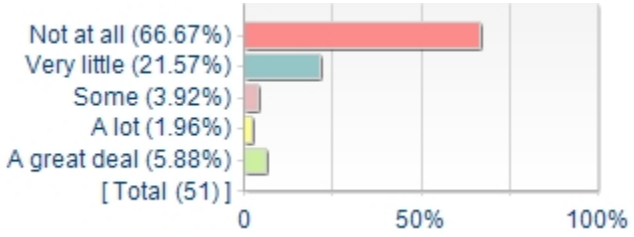
12. Ability to use CAD software.



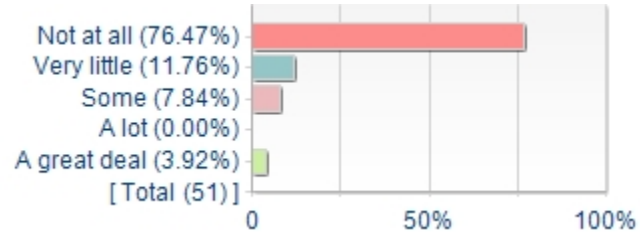
13. Knowledge of professional and ethical responsibility.



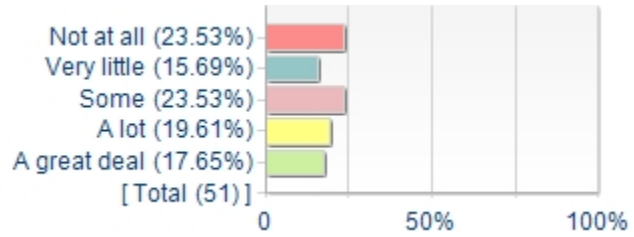
14. Ability to write reports effectively.



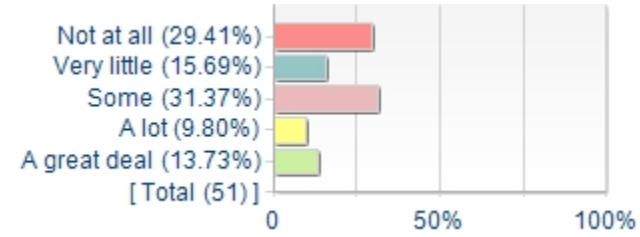
15. Ability to make effective oral presentations.



16. Knowledge about the potential risks (to the public) and impacts that an engineering solution or design may have.



17. Ability to apply knowledge about current issues (economic/environmental/political/societal/etc.) to engineering-related problems.



18. Appreciation of the need to engage in life-long learning.