University of Pittsburgh

Teaching Survey Spring 2024

Spring 2024 - Matthew Barry MEMS 1256 - APLD CMPTL HEAT AND MASS - 1010 - Lecture

Created **Sunday, May 05, 2024**

Courses Audience: 11
Responses Received: 3
Response Rate: **27.27%**

Report Comments

Teaching Surveys

Included in this report:

- Summary of responses to scaled questions
- Response breakdowns
- Student comments
- Results to instructor added custom questions (if applicable)

Understanding and using student feedback:

- We have resources to help you interpret and use results including our faculty worksheet with guided prompts and space to record summaries of feedback, actions, and outcomes.
- Members of our Pedagogy, Practice, & Assessment team are available for consultations and can help with:
  - Interpreting OMET results and developing a course of action if necessary.
  - Exploring various methods of assessment to improve teaching.
- In the future:
  - Discuss, teach, and model giving meaningful feedback with your students and give them multiple opportunities to practice giving feedback.
    - Gather important information about students at the beginning of the term by giving a pre-course survey.
    - Check in with students half way through the term by giving a midterm course survey.
- The Teaching Center offers multiple resources to support teaching and learning.

Office of Measurement and Evaluation of Teaching (OMET)
Contact us

University Questions

Summary table

Scale: strongly disagree (1), disagree (2), neutral (3), agree (4), strongly agree (5)

	Invited Count	Response Count	Response Rate	Mean	Mode	Median	SD
The instructor stimulated my thinking.	11	3	27.27%	4.67	5	5.00	0.58
The instructor was enthusiastic about teaching the course.	11	3	27.27%	4.33	4	4.00	0.58
The instructor presented the course in an organized manner.	11	3	27.27%	4.00	4	4.00	0.00
The instructor maintained an environment where students felt comfortable participating.	11	3	27.27%	4.33	4	4.00	0.58
The instructor maintained an environment where students felt comfortable seeking assistance.	11	3	27.27%	4.33	4	4.00	0.58
The instructor provided helpful feedback.	11	3	27.27%	4.67	5	5.00	0.58
Assignments contributed to my understanding of the subject.	11	3	27.27%	4.33	4	4.00	0.58
Overall of All Questions	77	21	27.27%	4.38	-	-	0.54

Overall effectiveness

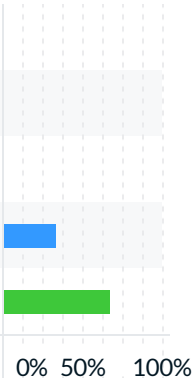
Scale: ineffective (1), only fair (2), competent (3), very good (4), excellent (5)

Question	Invited Count	Response Count	Response Rate	Mean	Mode	Median	SD
Express your judgment of the instructor's overall teaching effectiveness.	11	3	27.27%	4.00	4	4.00	0.00

Response breakdown

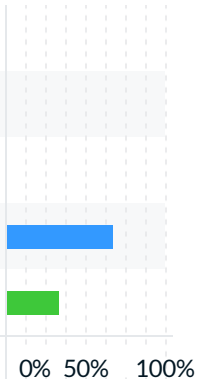
1. The instructor stimulated my thinking.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	1	33.33%
Strongly agree	2	66.67%
Total	**3**	



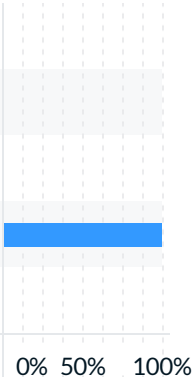
2. The instructor was enthusiastic about teaching the course.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	2	66.67%
Strongly agree	1	33.33%
Total	**3**	



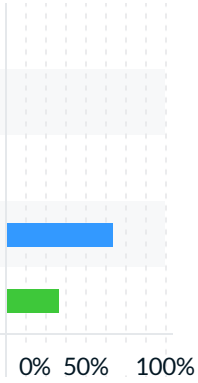
3. The instructor presented the course in an organized manner.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	3	100.00%
Strongly agree	0	0.00%
Total	**3**	



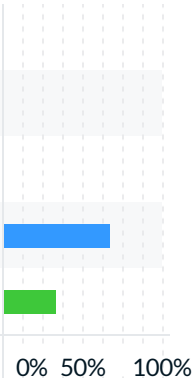
4. The instructor maintained an environment where students felt comfortable participating.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	2	66.67%
Strongly agree	1	33.33%
Total	**3**	



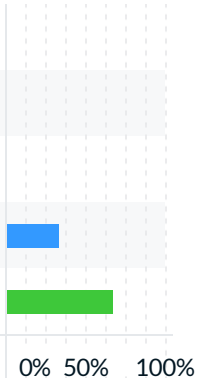
5. The instructor maintained an environment where students felt comfortable seeking assistance.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	2	66.67%
Strongly agree	1	33.33%
Total	**3**	



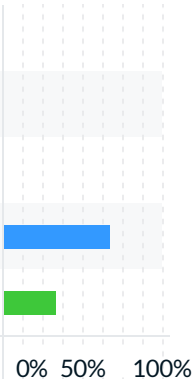
6. The instructor provided helpful feedback.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	1	33.33%
Strongly agree	2	66.67%
Total	**3**	



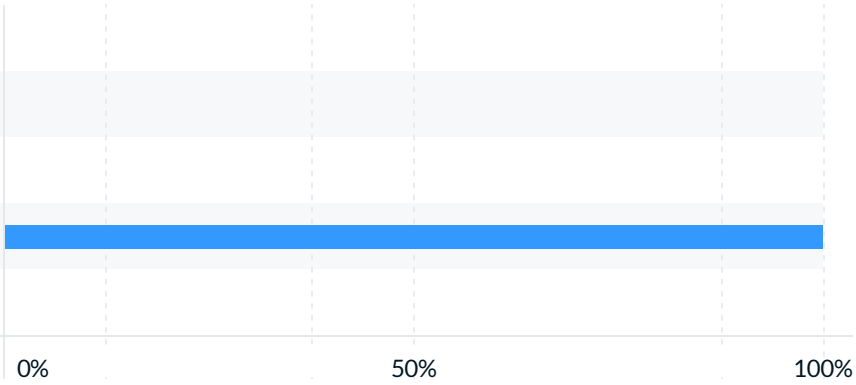
7. Assignments contributed to my understanding of the subject.

Strongly disag...	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	2	66.67%
Strongly agree	1	33.33%
Total	**3**	



Express your judgment of the instructor's overall teaching effectiveness.

Ineffective	0	0.00%
Only fair	0	0.00%
Competent	0	0.00%
Very good	3	100.00%
Excellent	0	0.00%
Total	**3**	



Comments

What did the instructor do to help you learn?

Comments
Dr. Barry provided in class notes and example walk–throughs in MATLAB. Dr. Barry was extremely helpful when answering questions.
N/A
The in–class examples were great for my learning. I enjoyed the learning a concept and then immediately applying it in code.

What could the instructor do to improve?

Comments
Dr. Barry could go through the examples more thoroughly using a whiteboard and drawing out the system for the first few weeks. Drawing the diagrams was very helpful to understand what is actually occurring. He did this but I think it would be even more helpful to go through it for every problem in the first two or three weeks
N/A
Little more communication on the plan for the class/assignments, was unclear if we were getting more work or not.

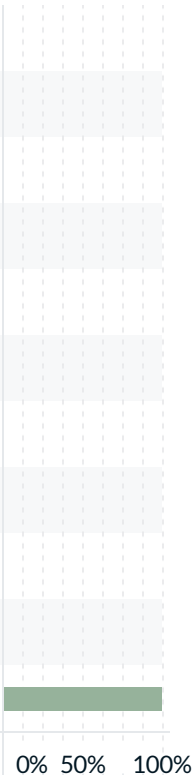
Do you have any other information that you would like your instructor to know?

Comments
The homework was very time intensive but Dr. Barry tried to help as many students as he could. It would help if there were more assignments but they were also very time consuming to do and grade (probably) so I understand.
N/A
no

Swanson School of Engineering Questions

Please select the major you are enrolled in. Check at most 2 programs. If you are currently a freshman or an undeclared major, select your anticipated major from the list (or select Undeclared if you are unsure).

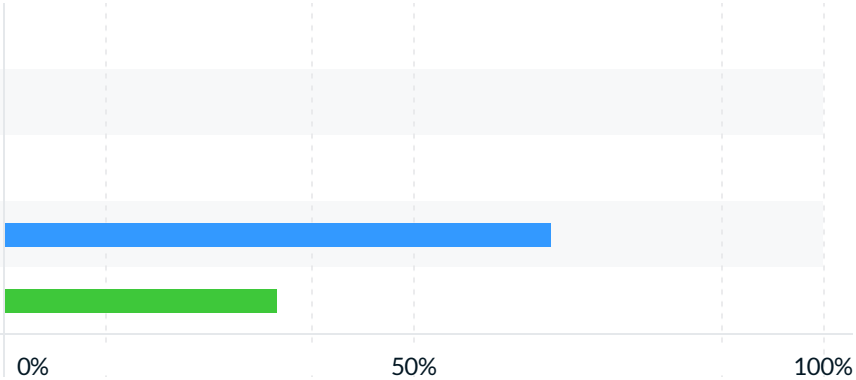
Undeclared	0	0.00%
Bioengineering	0	0.00%
Chemical Engi...	0	0.00%
Civil Engineeri...	0	0.00%
Computer Eng...	0	0.00%
Electrical Engi...	0	0.00%
Engineering Sc...	0	0.00%
Environmenta...	0	0.00%
Industrial Engi...	0	0.00%
Materials Scie...	0	0.00%
Mechanical En...	3	100.00%
Respondent(s)	**3**	



The instructor was accessible.

The instructor was accessible.

Strongly disagree	0	0.00%
Disagree	0	0.00%
Neutral	0	0.00%
Agree	2	66.67%
Strongly agree	1	33.33%
Total	**3**	



Please provide advice to future students: What could you have done to improve your learning in this course?

Comments
Go to office hours and ask questions. Follow along in class and ask questions if confused.
N/A
actively pay attention and try to understand the concepts beyond a base level.

Engineering Undergrad Courses

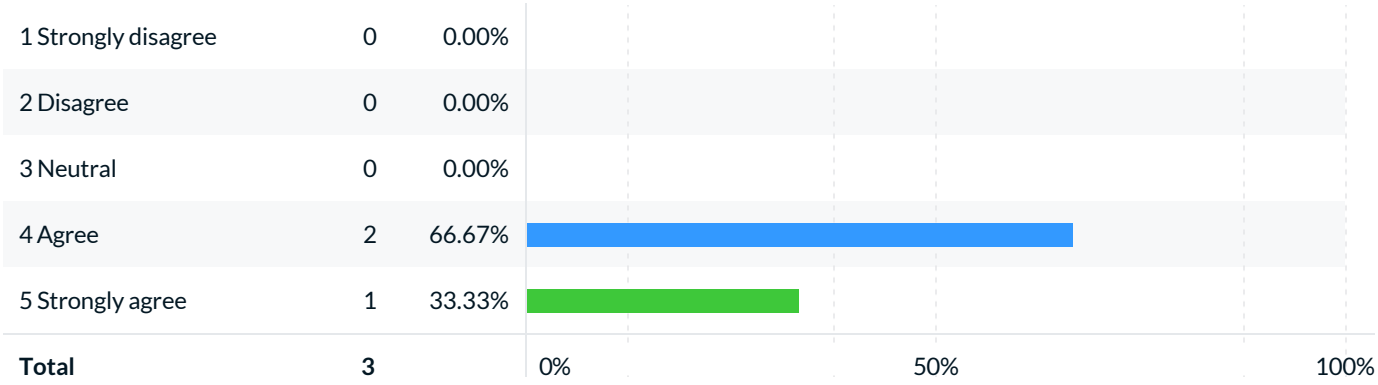
Please rate the degree to which this course has improved...

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to identify, formulate, and solve complex engineering problems by applying principles of engineering.	3	4.67	0.58
Your ability to identify, formulate, and solve complex engineering problems by applying principles of science.	3	4.67	0.58
Your ability to identify, formulate, and solve complex engineering problems by applying principles of mathematics.	3	4.67	0.58
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare.	3	2.33	1.53
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of global, cultural, and social factors (i.e., sustainability principles).	3	2.33	1.53
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of environmental and economic factors (i.e., sustainability principles).	3	2.33	1.53
Your ability to effectively communicate verbally with a wide range of audiences.	3	3.00	1.00
Your ability to effectively communicate in writing to a wide range of audiences.	3	2.67	1.15
Your ability to recognize ethical and professional responsibilities in engineering situations.	3	3.33	1.15
Your ability to make informed judgments that consider the impact of engineering solutions in global and societal contexts (i.e., sustainability principles).	3	2.33	1.53
Your ability to make informed judgments that consider the impact of engineering solutions in economic and environmental contexts (i.e., sustainability principles).	3	2.33	1.53
Your ability to function effectively on a team whose members together provide an inclusive environment, collaboration, and leadership.	3	2.33	1.53
Your ability to function effectively on a team whose members together establish goals, plan tasks, and meet objectives.	3	2.33	1.53
Your ability to develop appropriate experiments.	3	3.33	0.58

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to conduct appropriate experiments.	3	3.33	0.58
Your ability to analyze and interpret data and use engineering judgment to draw conclusions.	3	4.33	0.58
Your ability to embrace new learning strategies to independently acquire and apply new knowledge to solve engineering problems.	3	4.67	0.58

Diversity and Inclusion

The instructor creates an inclusive learning environment for all students.



Statistics	Value
Invited Count	11
Response Count	3
Response Ratio	27.27%
Mean	4.33
Median	4.00
Mode	4
Standard Deviation	0.58