

Course: wl.202030.ECE.30411.001.15409: Electromagnetics I
Instructor: Michael Melloch *
Response Rate: 19/25 (76.00%)





1 - YOUR CLASS					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Fresh	(1)	0	0.00%		
Soph	(2)	1	5.26%		
Jr	(3)	6	31.58%	█	
Sr	(4)	12	63.16%	██████████	
Grad	(5)	0	0.00%		
Other	(6)	0	0.00%		
				0 25 50 100	
Response Rate					
19/25 (76.00%)					





2 - EXPECTED GRADE					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
A	(1)	7	36.84%	██████	
B	(2)	9	47.37%	██████████	
C	(3)	2	10.53%	█	
D	(4)	0	0.00%		
F	(5)	0	0.00%		
Pass	(6)	1	5.26%		
Fail	(7)	0	0.00%		
				0 25 50 100	
Response Rate					
19/25 (76.00%)					

3 - COURE REQUIRED					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Required for your major/minor	(1)	19	100.00%	████████████████████	
Required by school/University	(2)	0	0.00%		
Elective	(3)	0	0.00%		
				0 25 50 100	
Response Rate					
19/25 (76.00%)					

4 - YOUR SCHOOL					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
AG	(1)	0	0.00%		
ED	(2)	0	0.00%		
ENGR	(3)	18	94.74%	████████████████████	
HHS	(4)	0	0.00%		
LA	(5)	0	0.00%		
MGMT	(6)	0	0.00%		
PHARM	(7)	0	0.00%		
SCI	(8)	1	5.26%		
PPI	(9)	0	0.00%		
VET MED	(10)	0	0.00%		
UNDECLARED	(11)	0	0.00%		
				0 25 50 100	
Response Rate					
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5 - Overall, I would rate this course as:						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Excellent	(5)	10	52.63%		4.42 	
Good	(4)	7	36.84%			
Fair	(3)	2	10.53%			
Poor	(2)	0	0.00%			
Very Poor	(1)	0	0.00%			
				0 25 50 100	Question	
Response Rate			Mean		STD	Median
19/25 (76.00%)			4.42		0.69	5.00
Grp Med						
4.55						

6 - Overall, I would rate this instructor as:						
Michael Melloch						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Excellent	(5)	15	78.95%		4.74 	
Good	(4)	3	15.79%			
Fair	(3)	1	5.26%			
Poor	(2)	0	0.00%			
Very Poor	(1)	0	0.00%			
				0 25 50 100	Question	
Response Rate			Mean		STD	Median
19/25 (76.00%)			4.74		0.56	5.00
Grp Med						
4.87						

7 - We welcome your written comments below. What is something/are some things that the instructor does well, e.g., something you hope that the instructor will continue to do in the class in the future?	
Response Rate	10/25 (40%)
<ul style="list-style-type: none"> • Love everything, keep doing cpr! • The instructor goes through the material very smoothly and explains the concepts very thoroughly. I hope he keeps on doing his demonstration of experiments to show applications of the material. • Instructor is very knowledgeable and passionate. Exams feel fair and homework actually represents what you will be tested on. Notes and lectures for this class are also super useful. • The instructor explains each topic thoroughly and derives everything from scratch, helping us understand the fundamentals of everything. Additionally, the demonstrations he does are extremely beneficial in understanding the concepts. • The amount of online material is fantastic. releasing content on this week-by-week basis is supremely nice. • I think the instructor did a great job on how the course is graded. I like that homework is not a significant part of the grade and I like his exam point recovery policy. I like how he included a guide on how to learn and how he posts material ahead of time so I can get ahead if I want to. He also does a great job on having a lot of interesting demonstrations. I also hope he continues to provide previous semester's exams. • Professor Melloch was very good explaining concepts throughout the class. I enjoyed the demonstrations the videos had and the procedures shown during lecture videos. I also enjoyed the little bits of history that were taught in between as well. These videos were very beneficial for my understanding throughout the class and I hope these videos will continue. • The instructor does a great job incorporating examples into his notes. It is also great that we have the opportunity to make up points on our exams by showing that we understand the material. • Having a lot of material available • Prof. Melloch explains things very clearly and concisely. He gives back exam points if we demonstrate we understand the concepts after the exam, which helps us learn. The videos at the beginning of the course covering how to learn were excellent, as were all the lecture videos. The occasional moments of humor in the lectures were timed perfectly to keep us interested. 	





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8 - Make a suggestion(s) for improving the course (a criticism alone is not helpful; tell your instructor how you would fix any problem).






Response Rate 9/25 (36%)

- Literally nothing.
- I think there should be more examples for some harder concepts/problems especially in different axis.
- The only thing I would change is the Brightspace location for the weekly reflections. I consistently forgot they were due. However, Brightspace is new so this isn't really a big issue.
- Although this class was online, when in person, I feel that projects would be helpful in our understanding.
- I believe that while in class is well run from the instructor, when running classes online inter-student interaction can be a really helpful source of information and place for the students to rely on each other. Perhaps opening a "discussions" page or a Piazza would be useful in future classes.
- It seems that some important lecture videos are hidden and I have no way to access them because they are unlisted. Maybe not having unlisted videos is better and some lecture videos are uploaded not as unlisted videos.
- In the future one thing I would add to the class is office hours. I know that office hours were set time meetings with individual students, however maybe having a designated office hour time would further help students.
- Having hw due. That would be nice to have so that we can keep track of the material
- Not much to say.





9 - The class activities are well prepared and organized.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Agree	(5)	12	63.16%		4.58		
Agree	(4)	6	31.58%				
Undecided	(3)	1	5.26%				
Disagree	(2)	0	0.00%				
Strongly Disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/25 (76.00%)				4.58	0.61	5.00	
Grp Med							
4.71							

10 - The examinations, assignments, projects, etc. aid me in achieving the class objectives.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Agree	(5)	9	47.37%		4.32		
Agree	(4)	8	42.11%				
Undecided	(3)	1	5.26%				
Disagree	(2)	1	5.26%				
Strongly Disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/25 (76.00%)				4.32	0.82	4.00	
Grp Med							
4.44							

11 - I have gained an understanding of how this material connects to other concepts in the field.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Agree	(5)	12	63.16%		4.58		
Agree	(4)	6	31.58%				
Undecided	(3)	1	5.26%				
Disagree	(2)	0	0.00%				
Strongly Disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/25 (76.00%)				4.58	0.61	5.00	
Grp Med							
4.71							

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12 - Please make comments, positive or negative about the course.

Response Rate	8/25 (32%)
<ul style="list-style-type: none"> • Great course • It is wonderful course which demonstrated how electromagnetics is all around us and how the course gives you the fundamental understanding of current/voltages. • The course is managed extremely well. Material is taught thoroughly and effectively. By far one of the best ECE courses at Purdue, and it even spiked my interest for electromagnetism. • Although challenging, what you get out of this course is what you put in. The instructor did a fantastic job explaining every topic. • A large majority of this information seems... repetitive from earlier physics courses. Even topics through Exam 3 seemed similar to earlier courses. While the EE perspective is extraordinarily nice to have on these concepts, some more theory-application links would be helpful. • This a good introductory course to electromagnetics. • I believe that this course was interesting and allowed me to learn more from the material taught in Physics 272. This class gave me a more detailed explanation of that material, plus new knowledge on topics such as waves. • Well organized and well paced. The material at the end (week 7a and after) took a bit more effort to understand, though they were the only topics I hadn't seen much before in other courses so this may be due to my incoming knowledge. 	




13 - The instructor clearly explains material so that I can understand it.




Michael Melloch					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly Agree	(5)	15	83.33%		
Agree	(4)	2	11.11%		
Undecided	(3)	1	5.56%		
Disagree	(2)	0	0.00%		
Strongly Disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
18/25 (72.00%)			4.78	0.55	5.00
Grp Med					
4.90					




14 - The instructor is open to my questions and effectively answers them.

Michael Melloch					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly Agree	(5)	14	73.68%		
Agree	(4)	4	21.05%		
Undecided	(3)	1	5.26%		
Disagree	(2)	0	0.00%		
Strongly Disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
19/25 (76.00%)			4.68	0.58	5.00
Grp Med					
4.82					

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15 - The instructor seems to care that I learn this material.						
Michael Melloch						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly Agree	(5)	13	68.42%		4.58	
Agree	(4)	5	26.32%			
Undecided	(3)	0	0.00%			
Disagree	(2)	1	5.26%			
Strongly Disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/25 (76.00%)				4.58	0.77	5.00
Grp Med						
4.77						





16 - The instructor willingly makes time to help other students and me.						
Michael Melloch						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly Agree	(5)	13	68.42%		4.63	
Agree	(4)	5	26.32%			
Undecided	(3)	1	5.26%			
Disagree	(2)	0	0.00%			
Strongly Disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/25 (76.00%)				4.63	0.60	5.00
Grp Med						
4.77						

17 - The instructor is fair and consistent in evaluating my performance in the course.						
Michael Melloch						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly Agree	(5)	13	68.42%		4.63	
Agree	(4)	5	26.32%			
Undecided	(3)	1	5.26%			
Disagree	(2)	0	0.00%			
Strongly Disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/25 (76.00%)				4.63	0.60	5.00
Grp Med						
4.77						

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18 - The instructor maintains a good learning environment for me.

Michael Melloch

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly Agree	(5)	12	63.16%		
Agree	(4)	6	31.58%		
Undecided	(3)	1	5.26%		
Disagree	(2)	0	0.00%		
Strongly Disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
19/25 (76.00%)			4.58	0.61	5.00
Grp Med					
4.71					

19 - Please make comments, positive or negative about the instructor.

Michael Melloch

Response Rate 8/25 (32%)

- Great guy.
- Professor was available every time I had asked him for help and always answered and cleared all my doubts. He goes beyond to make things clear. He puts extra effort so we can understand the concepts and do good in this course. One of the best professors I have ever had. I have never learnt as much as I did in this course.
- I am currently a Senior in ECE and I can honestly say I have not yet meet a better professor at Purdue than Michael Melloch. My only regret is not taking this course in person, and having the opportunity to meet him. The opportunity to reclaim points on exams is awesome. I sadly didn't have the time to do any of these opportunities due to my work and two other Purdue classes, but it's very cool to see a professor that gives second chances.
- Professor Melloch is an exceptional instructor; his in-depth explanation of material was very helpful, along with the demonstrations he would show.
- Mike's a real chill dude, he's got a bit of a dry air around him in the videos, but I think it just makes him more clear in explanations. The man Absolutely knows what he's talking about, both in terms of knowing the material and actually dispersing the material. I'm glad someone like him is up in the ranks of the ECE department. If being a professor was a competition, This man would be the final boss. stay funky bro
- Professor Melloch wants his students to learn the material, which is a good thing. He has good feedback when I am asking questions. He talks too slowly in his lecture videos which is not a problem because his lecture videos are uploaded to youtube and youtube has a setting to change the speed of the video so him talking slowly is not an issue. It would be an issue if his lecture videos were uploaded as embedded videos such as on blackboard where you cannot change the speed of the video.
- I thought Professor Melloch was a very good instructor. He explained every concept thoroughly and even placed extra material in demonstrations to further allow the understanding of concepts. I thought I learned a lot of new concepts during this class and this was due to the teaching style of Professor Melloch. I enjoyed taking this class because of Professor Melloch.
- The content of Prof. Melloch's lectures were very high quality, and his adjustments in response to online classes were very reasonable and thought-out. Hands down one of the best professors I've had at Purdue.