

<b>Course:</b> ECE30411 002 - Electromagnetics I	<b>Department:</b> ECE
<b>Responses / Expected:</b>	31 / 61 (50.82%)

1a - Demographics	ECE30411 - 002										
	Responses						Course				
	F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev	
Q1 YOUR CLASS	0	2	22	7	0	0	31	3.1	3	.51	

Responses: [F] Fresh=1 [S] Soph=2 [JR] Jr=3 [SR] Sr=4 [G] Grad=5 [O] Other=6

1a - Demographics	ECE30411 - 002										
	Responses						Course				
	A	B	C	D	F	P	F	N	Grp Med	Mode	Std Dev
Q2 EXPECTED GRADE	24	5	1	1	0	0	0	31	6.9	7	.69

Responses: [A] A=7 [B] B=6 [C] C=5 [D] D=4 [F] F=3 [P] Pass=2 [F] Fail=1

1a - Demographics	ECE30411 - 002										
	Responses						Course				
	RFY	RBS	E	N	Grp Med	Mode	Std Dev				
Q3 COURSE REQUIRED	29	1	1	31	1.0	1	.39				

Responses: [RFY] Required for your major/minor=1 [RBS] Required by school/University=2 [E] Elective=3

1a - Demographics	ECE30411 - 002														
	Responses										Course				
	AG	ED	E	HHS	LA	M	P	SCI	T	VM	U	N	Grp Med	Mode	Std Dev
Q4 YOUR SCHOOL	0	0	31	0	0	0	0	0	0	0	0	31	9.0	9	0

Responses: [AG] AG=11 [ED] ED=10 [E] ENGR=9 [HHS] HHS=8 [LA] LA=7 [M] MGMT=6 [P] PHARM=5 [SCI] SCI=4 [T] TECH=3 [VM] VET MED=2 [U] UNDECLARED=1

2a - University questions about your course	ECE30411 - 002									
	Responses					Course				
	E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q5 Overall, I would rate this course as:	23	5	1	2	0	31	4.8	5	.83	

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1

ECE Standard questions about course	ECE30411 - 002									
	Responses					Course				
	SA	A	U	D	SD	N	Grp Med	Mode	Std Dev	
Q6 The class activities are well prepared and organized.	20	8	1	1	1	31	4.7	5	.94	
Q7 The examinations, assignments, projects, etc. aid me in achieving the class objectives.	18	11	0	2	0	31	4.6	5	.80	
Q8 I have gained an understanding of how this material connects to other concepts in the field.	18	11	1	0	1	31	4.6	5	.84	

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1

**Q9 - Please make comments, positive or negative about the course.**  
**Response Rate:** 77.42% (24 of 31)

- 1 very good lectures, notes are unorganized
- 2 it is a great class! the videos posted for online learning are still engaging
- 3 Well designed class.
- 4 This was a fun course. I definitely enjoyed the material.
- 5 This course is quite similar to PHYS 272 (a prerequisite for EE students). It explains a lot of the same material in a little more detail and then builds upon it in the last couple weeks of the semester. The scope of the course is nearly identical to previous physics courses.
- 6 The instructor did a great job transitioning the course online. The lectures were easy to follow and retrieve when reviewing. Even before the online classes, the course was well taught and the homework was fair. Some aspects that could be improved would be the lecture notes as they can become difficult to keep track of since some of the notes are not written in the lecture notes, requiring separate notes. If all the professor's notes were on the lecture printouts, it would be very helpful to have all the notes in one place.
- 7 The demonstrations and experiments were very useful and interesting. The professor did a great job explaining the material with clarity and ease. However, the handouts are severely unorganized. Please put a page number and the section title at the very least. Sometimes the handouts do not follow the order of the class.
- 8 The course is taught in a way that makes sure students understand the concepts, and the test are fair and similar to what was covered in class. I also appreciate the clear solutions given for homework and exams.
- 9 The course is really fun, but it seems like a repeat of PHYS 272
- 10 The best professor.
- 11 Professor was excellent.
- 12 N/A... maybe the textbook could provide more examples but it was fine.
- 13 Melloch is probably the best professor I have had at purdue. he teaches everything incredibly well and is willing to talk to us about how we are doing which is really amazing coming from a professor. I feel valued in this class.
- 14 Melloch is easily the best professor I have ever had at Purdue. He truly wants his students to succeed. For example, he gives handouts every lecture so that students can follow along (he'll send them electronically if asked), he treated us to lunch at the beginning of the semester, and he allows us the opportunity to make up points we lost on exams. My only criticism is that he should be more cautious taking students questions all the time. We could get side tracked by one or two students for entire lectures because he wanted to make sure they understood his answer.
- 15 It's incredibly difficult to keep track of notes when we are given a 20+ page packet every other class. The pages aren't in any order either, so it's a mess of notes over a week, made worse if we had to go back to a previous packet.
- 16 I was nervous about this class because I didnt love physics class, but I think you made it a lot more clear and easy to understand. I liked how each lecture you also had demonstrations or a little history to make it less boring.
- 17 I really like how Professor Melloch teaches this class because he engages with students and also shows demonstrations. It is clear that he is passionate at teaching which is why I enjoy this class. The homeworks and tests are fair and the past exams and homeworks definitely help me understand the topics that we learned in class.
- 18 I really enjoyed Professor Melloch's demonstrations the most. His demos related really well to what we were learning in class. The opportunity to do CPR after exams was also very nice of him and a very unique way of making sure students understand the concepts. Overall, Professor Melloch is an amazing professor and I miss being in his in-class lectures before everything went online.
- 19 I really enjoyed the reflections as well as exam CPR. These activities allowed me to not only make the connections between other material. But also ensure that I have fixed issues in my understanding of the material that I had trouble with during examinations.
- 20 I like the demonstrations a lot. Really reinforces the theoretical concepts
- 21 He provides plenty of material and examples so that we can gain mastery of the material. It's also really helpful and nice that we have the chance to regain points on our exams for one question. It definitely decreases stress while taking the exam to know that, and I feel like that helps me do better since the stress is removed. He is also really helpful with answering any of our questions and makes an effort to make appointments with us if we have a gap in our understanding so that we can fix any problems before they propagate. Also having the homework as extra credit takes off much of the stress for perfection and helps us focus on learning and go through the process more. I thought that having the format like that and just requiring us to do reflections each week was a great idea.
- 22 He is the best professor I have ever met. No word can describe him.
- 23 Great instructor!
- 24 Course was great. Enjoyed the approach taken on learning and how to really teach students how to learn.

2b - University questions about your instructor	Michael Melloch									
	Responses					Individual				
	E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q10 Overall, I would rate this instructor as:	27	1	1	2	0	31	4.9	5	.81	

Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1

ECE Standard questions about instructor	Michael Melloch									
	Responses					Individual				
	SA	A	U	D	SD	N	Grp Med	Mode	Std Dev	
Q11 The instructor clearly explains material so that I can understand it.	25	3	1	2	0	31	4.9	5	.82	
Q12 The instructor is open to my questions and effectively answers them.	25	4	2	0	0	31	4.9	5	.57	
Q13 The instructor seems to care that I learn this material.	27	2	1	1	0	31	4.9	5	.66	
Q14 The instructor willingly makes time to help other students and me.	27	3	1	0	0	31	4.9	5	.45	
Q15 The instructor is fair and consistent in evaluating my performance in the course.	25	4	2	0	0	31	4.9	5	.57	
Q16 The instructor maintains a good learning environment for me.	25	4	0	1	1	31	4.9	5	.90	

Responses: [SA] Strongly Agree=5 [A] Agree=4 [U] Undecided=3 [D] Disagree=2 [SD] Strongly Disagree=1

**Q17 - Please make comments, positive or negative, about the instructor.**  
**Faculty:** Michael Melloch  
**Response Rate:** 58.06% (18 of 31)

- 1 thin out the packets please, it's a mess.
- 2 see my comments from the prior section. Melloch is the best professor at purdue.
- 3 The instructor did a very good job in encouraging the course online. He explains the concepts in detail and makes sure the students understand the concepts behind everything. He also encourages students to practice. He explains the concepts in reflections and developing mental models to help us better understand the material. These things really helped me learn the material better and very much contributed to me doing well in the course.
- 4 Thank you!
- 5 Professor Melloch is a really good instructor for this class and I hope he continues the way he teaches this class in the future.
- 6 Professor Melloch also gave the effort to meet as many ECE students as he could by hosting lunches. That was very generous of him and I am grateful I got to meet a great person/professor like him.
- 7 Professor Melloch works really hard to enhance our understanding of the material. He provides plenty of experiments to back up the material we learn. He also provides an opportunity to get some exam points back if we teach him the underlying principles of the problem we missed. He wants all his students to succeed.
- 8 Professor Melloch is one of the best professors I have ever had. He cares that his students learn what they need to and do well in the class. He goes at a pace so that nobody is left behind. He also uses many props to help reinforce certain concepts he is trying to teach.
- 9 Professor Melloch is one of the best teachers I have ever had. He definitely cares about his students.
- 10 Prof. Melloch is the professor that every other professor should strive to be. In seven semesters, I have never had a professor who cares as much as him or engages with the students. It was an absolute pleasure to be in this class and wish you well, professor.
- 11 Prof Melloch was my fav instructor this semester. He really cared about his students which made a huge difference in my success. He was always happy to answer questions in class or office hours and the CPR opportunity he gives are super generous.
- 12 N/A
- 13 Mike is a great instructor.
- 14 Mike Melloch is an excellent instructor. He takes his time to really teach students the concepts, his exams are fair, and he is very accommodating to students' schedules and concerns. I would rate him as one of the best teachers I have had at Purdue.
- 15 Love how much effort he puts into the class and how nice he is.
- 16 He's incredibly helpful and makes time to answer our questions when we have any. He helps us set up office hour appointments that work for us and makes a point to help us identify gaps in our knowledge before they propagate. He also makes very fair tests and sets it up so that we have plenty of material to master from but are not pressured to complete to perfection. He focuses on us learning, which is helpful because it feels like it's okay if we make mistakes while we're picking up the material and provides a better, more positive learning environment.
- 17 He is the best professor I have ever met. No word can describe him.
- 18 He is an A+ professor! Best professor at Purdue.

**Q18 - Given the unexpected change to remote instruction necessitated by the pandemic, what guidance can you offer to your instructor about the manner in which they delivered the rest of the course? Which aspects of remote instruction worked well, and which cou**  
**Faculty:** Michael Melloch  
**Response Rate:** 77.42% (24 of 31)

- 1 the videos are clear and are easy to follow
- 2 organization of notes
- 3 he did great. kept constant communication. put material out ahead of time. graded things quickly. superb.
- 4 The videos were very helpful
- 5 The online classes went well. This format gave me more control over the pace of the lectures because I could rewatch whenever I needed to, and I didn't have to worry about missing a class.
- 6 The lecture videos were broken down into concepts. Each concept had a set of mathematical lecture videos and experiments/demonstrations to enhance the understanding of new material. It was well-organized and made the online learning transition relatively easy. I wouldn't change anything.
- 7 Other than not physically turning in homework or having physical lecture, the class felt the same pretty much. I do miss having the option to go to office hours to have a TA or Professor Melloch explain a topic more clearly but overall, the change to online has been good. I do appreciate that Professor Melloch made homework not due anymore to avoid the complexity of turning in handwritten homework through online means.
- 8 Lectures were Phenomenal (almost better than in class). However, he stopped assigning work for the class. The lack of assignments continuously made me put this class on the back burner.
- 9 Keeping accountability by still doing the last week summary helped in the structure of the class while being purely online.
- 10 It should not be possible to shorten a 50 minute lecture into a 5 or 6 minute video. Part of that time should be taken to show how to implement these theories, what key words in problems decide the best course of action. When I went to class all it was was just listening to theories and never understanding when to use them.
- 11 It is unfortunate that we had to face this pandemic. Going to lectures was fun and more engaging than the lecture videos but it was also helpful for us to understand the things we covered. I like how demonstration videos were also provided in order for us to understand the concepts better.
- 12 If classes are to continue online, the instructor should consider making a video solving some of the difficult homework or past exam problems so that students can better understand the concepts. Otherwise, the online aspect of the course worked very well as the lectures were delivered without problem and student learning was not compromised.
- 13 I wish we had more practice problem examples. I think that would be really helpful. Although, watching the lectures took less amount of time after going online. I like the ability to be able to go back and rewatch lectures.
- 14 I think it was good enough.
- 15 I think he had a good transition and the course remained well organized. Perhaps he could have made sure that the pdf's he uploaded were all rotated so students wouldn't have to turn their heads to look at his notes.
- 16 I really liked having a lot of shorter lectures vs 3 50 minute ones per week because I was able to break it up without feeling like I was leaving off in the middle of something. Something that helped in my other classes was having a class wide discussion board like Piazza or on Blackboard where we could ask questions and students or the prof could answer them. I think of it as like a more informal office hours or like texting a friend to ask a question. It def helps for the minor things you are having trouble with that dont really require a zoom call meeting to explain.
- 17 I really appreciated how Prof. Melloch created the video lectures and demonstrations to explain to us the concepts for the class. These videos allowed me to gain a more in depth understanding of the material and ability to work with problems rather than just reading notes.
- 18 I believe instead of cancelling hwks, gradescope or a simple upload of the studets answers to blackboard is a better way for hwk to be still counted and for students to stay on top.
- 19 i also believe lectures should stay recorded but allow for live lectures that are then posted to blackboard. An example, VIP did so. That way it still allows for content to actually be learned and for students to stay motivated to complete work requiried.
- 19 I appreciate the care you put into ensuring the videos on Blackboard conveyed the same experience we would have gotten in the traditional setting
- 20 I actually preferred his online teaching. I am able to pause his lectures to copy down notes. His ability to teach did not change when it went online.
- 21 He provides concise lectures and gives us all the diagrams and notes we need each week. We can watch them at our own pace, which is pleasant, and we still get videos of the demonstrations that we would've seen if we were in class. I think the material provided is helpful, and it also helped too to make it so that the homework wasn't turned in anymore because we have a steeper learning curve now and it helps me focus on the sheer learning aspect. It also helped to still get the amount of practice exams that we do so that we can prepare. The tests are fair as well, and having the extended time frame from normal is helpful just in case there's internet problems.
- 22 Handled extremely well.
- 23 Everything was good.

- the transition online was very easy with Prof Melloch
- the lectures and past exams worked well

**24** - I would've liked to have more past papers to practice with online  
 - otherwise, this class was a great experience even online