

Course: ECE30411 002 - Electromagnetics I	Department: ECE
	Responses / Expected: 42 / 54 (77.78%)

1a - Demographics		ECE30411 - 002										
		Responses							Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev	
Q1	YOUR CLASS	0	2	20	20	0	0	42	3.5	3,4	.58	

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	22	16	3	1	0	0	0	42	6.5	7	.73

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	40	0	2	42	1.0	1	.43				

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	42	0	0	0	0	0	0	0	0	42	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:	31	9	1	1	0	42	4.8	5	.64		

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

2b - University questions about your instructor		Michael Melloch										
		Responses					Individual					
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev		
Q6	Overall, I would rate this instructor as:	39	1	2	0	0	42	5.0	5	.45		

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		
Q7	The class activities are well prepared and organized.	33	8	1	0	0	42	4.9	5	.48		
Q8	The examinations, assignments, projects, etc. aid me in achieving the class objectives.	31	11	0	0	0	42	4.8	5	.44		
Q9	I have gained an understanding of how this material connects to other concepts in the field.	29	13	0	0	0	42	4.8	5	.46		

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

Q10 - Please make comments, positive or negative about the course.

Response Rate: 71.43% (30 of 42)

1	Use of demonstrations are fantastic. Course policies enable effective learning. Easily one of the best courses I have taken at Purdue, and going in I would not classify myself as someone with any innate interest in electromagnetics.
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2	Treating homework as extra credit was very helpful in motivating me to complete them to the best of my ability.
3	This was the best class I have ever taken so far. It almost made me feel bad for not studying harder. Professor Melloch really cared about students.
4	This was by far my favorite course at Purdue so far. Professor Melloch is the most genuine teacher I have had and I am definitely going to miss his lectures. His lectures were always thought-provoking and learning about the history and concepts of electromagnetics was fascinating.
5	This has been my favorite course I have ever taken here at Purdue. It was very interesting to see a lot of the common topics we see in EE but to see the physics behind their behavior.
6	This course was extremely well organized and well taught. Help was always available.
7	This course was structured very well and Professor Melloch did a great job taking his time to explain and show things so that they made sense. Overall, a great course.
8	This course accomplishes what it sets out to do very well. By understanding the concepts in this course, other concepts in the field make more sense and are more intuitive.
9	This course was amazing with an excellent professor. He explained the concepts well.
10	The pages upon pages of equations and proofs every lecture made it extremely hard to figure out what we actually needed to know in the end.
11	The in class examples were very engaging and demonstrated material we were learning in class.
12	The course material was difficult for me to grasp intuitively but by going to office hours and doing practice questions, I was able to understand it. The textbook was not helpful in understanding the material. The exams have too much weight and one bad score is hard to recover from.
13	The course itself is quite difficult, but Professor Melloch teaches it in a way that makes it enjoyable.
14	The course is very well organized. I like the note packets that Dr. Melloch passes out. They make it easier to take notes because it can be difficult to draw all of the figures in real time.
15	The course is well structured, and a great continuation of what I have learned previously
16	Professor Melloch was very organized for class, and his instruction was exceptionally clear and well thought out. If a student asked a question, he would pursue answering it until the question was effectively answered and we all understood the answer.
17	N/A
18	It was a really great course. I learned a lot without it inducing much stress. Usually those two things are mutually exclusive. The point recovery system really took the edge off of the exams and allowed me to focus on what I did know rather on panicking during the test about what I did not know.
19	I wish the course materials, aka notes would be more readily available to look back on. We receive so many handouts, and if one gets lost, I lose all my class notes from the day.
20	I thought the course was good and that the experiments and demonstrations held were really effective in explaining the material and keeping attention in the classroom. One thing I found a little difficult was the structure of the notes. I really enjoyed the print outs for lecture as the figures were nice to draw on I just thought at times the lectures lacked structure or that we would jump around from topic to topic and there would be no transition. I found the writing between many pieces of paper on the screen was hard to follow at times as well. Overall a good course.
21	I really enjoyed learning some of the material in this course. The way that the material was presented to me was pretty easy to understand. I enjoyed the videos/demonstrations to show how the material we were learning connects to the outside world. I also enjoyed the CPR sessions. I have never had a class do that before, and it helped me not only get points back, but also understand the material better.
22	I found the course to be organized in a way that makes concepts easier to understand.
23	I enjoyed this course because of how much the math behind the physics equations was emphasized. In comparison, PHYS 272 explained the concepts and the math, but I, like other students, did not learn and understand where formulas for magnetic and electric fields came from. In ECE 30411, the emphasis on the both the math and the physics helped me more deeply understand the concepts.
24	I enjoyed the course. I had issue with the lectures: just as in all engineering courses, we waste 75% of our time on proofs, which I fall asleep for. I stopped coming to lecture because it didn't matter if I showed up or not, we didn't need the proofs for homework or for lecture. PLEASE put better notes online. Some people really aren't lecture learners, and we struggle if the notes aren't online.
25	Honestly the best course I've taken so far in ece
26	He is the best among any instructor in ECE core course
27	He is always willing to answer your questions.
28	Excellent comprehensive course. One suggestion would be to connect the concepts learnt to more practical applications. If there was a use for the different coordinate systems, and concepts taught in this class, a practical example in the industry of the concepts would greatly enhance the learning experience.
29	Could be organized better, notes could be posted on blackboard
30	Best taught and structured class for actually learning very hard material. Demonstrations were fabulous. I can't imagine the class any better

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.	34	7	1	0	0	42	4.9	5	.46
Q12	The instructor is open to my questions and effectively answers them.	35	5	1	1	0	42	4.9	5	.61
Q13	The instructor seems to care that I learn this material.	38	4	0	0	0	42	4.9	5	.29
Q14	The instructor willingly makes time to help other students and me.	38	3	1	0	0	42	4.9	5	.39
Q15	The instructor is fair and consistent in evaluating my performance in the course.	33	8	0	0	0	41	4.9	5	.40
Q16	The instructor maintains a good learning environment for me.	34	7	0	1	0	42	4.9	5	.57

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:	66.67% (28 of 42)

1	The professor is very open to student discussion.
2	The professor Melloch is very friendly when he teaches us.
3	Professor Melloch created a very positive learning environment and was very effective in communicating concepts. He seemed to care very much about the success of each of his students, not that they received good grades, but that they truly understood the concepts.
4	Professor Melloch does a great job teaching and answering questions and learns most people's names in class which is rare at a large university.
5	Professor Melloch teaches this class excellent. It is not very often that I am able to mark "strongly agree" on every section of this survey, but I really do when it comes to him. He teaches the material very well, demonstrates it through videos and demonstrations, and even cares enough to have lunch with every student every semester. I think it is amazing that he does all of this. He makes a course that I was not at all excited for very enjoyable. I wish that every class was taught by him, because I would really enjoy college a lot more.
6	Professor Melloch is one of the best professors I've had here at Purdue. He really cares about the students and has created meaningful adjustments to the lecture to keep students engaged.
7	Professor Melloch is great, by far one of the best professors I have had. Takes the time to teach his students fully and cares more about learning the material rather than harsh grading.
8	Professor Melloch is a great professor and cares a lot about his students as well as their understanding of the material. This engaged me in the concepts and material. I appreciated how he took the time to clearly explain what was happening in any demonstrations he did, and especially how he discussed the history and gave time-frames of when and who discovered the concepts we learned about in class.
9	Professor Melloch is a good lecturer and is just as helpful outside of class. His use of Concept Point Recovery sessions after exams helped me to learn a lot more and review exam material even once the exam was over. I will say, however, I am not a fan of his pre-printed note packets. It is easier to stay engaged and cement information when I write notes myself, but he moves quickly enough that someone not using the note packets would be lagging behind.
10	Professor Melloch was one of the best, if not the best, professor I have had at Purdue. He makes time for students, presents the material in a very easy/straightforward manner, and takes a class that a lot of people might complain about, into one that is really interesting and enjoyable. I appreciated him scheduling small group lunches to get to know us informally, and also to help us get to know other students in class.
11	Professor Melloch is exceptional at getting students to obtain a complete physical understanding of the concepts covered in this course through a variety of means such as experimental demonstrations, simple figures, concise explanations, and notes.
12	Professor Melloch is easily the best professor I have ever taken a class with by a longshot. I was advised to take the class with him based on a peer's experience and I couldn't speak more highly of him. I credit my enjoyment in the class and my ability to learn the material entirely to him. He really does care about his students and wants them to succeed. Bravo Professor Melloch
13	Prof Melloch cares a lot about students and wants to make the learning experience the best. He genuinely cares if students understand the concepts. In addition, I also learned to improve my study habits because of Prof Melloch's advice. A person who genuinely cares about students beyond the requirements of a professor.
14	N/A
15	My favorite professor in ECE! He really cares and goes out of his way to learn our names.
16	Instructor cares about students learning the material, however, could be a bit more organized with the handouts.
17	I was quite excited when I saw Melloch was teaching my section back when instructors were assigned, and I was not disappointed. He keeps everything interesting with numerous demonstrations and visualizations using devices/contraptions he built over the years. He also makes what we expect to know very well defined and clear. Melloch is clearly one of the best and cares a lot about the students.
18	I really like how he puts forth the effort to meet everybody in the class. I also like how he does small experiments and demonstrations in class to help demonstrate the concepts. Dr. Melloch is a very good teacher and a very nice man. You don't always get both with professors, but he gives you both.
19	I really enjoyed the class. He was so great and caring that I feel bad for not trying harder.
20	I have little to add. Professor Melloch is the best professor I have had at Purdue. His class goes beyond teaching high level theory, and he makes a successful effort to break down the basic concepts covered in class. Outside of class, he makes an exceptional effort to get to know students and be there as a resource for us. I would take another class with him regardless of what it was about, because I know that he would motivate me to be interested in it.
21	His lecture is the best out of ECE course
22	He is always involved with the students and is always trying to improve how he is teaching.
23	Genuinely cares about students and material. Best instructor that I have had at Purdue.
24	Fantastic instructor
25	Dr. Melloch is very helpful outside of lecture and has ample office hours. Office hours were essential in helping me understand the material and Dr. Melloch is good at explaining the concepts of the course.
26	Dr. Melloch seems genuinely interested in his students succeeding as he organized lunch for each of us. In addition, he makes the concepts easily understood.
27	Best professor. Am unable to recommend him any more highly to my friends.
28	Approachable and nice to students' questions.