

Course: ECE31100 003 - Elec & Magnetic Fields

Department: ECE

Responses / Expected: 26 / 57 (45.61%)

1a - Demographics		ECE31100 - 003										
		Responses						Course				
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev	
Q1	YOUR CLASS	0	3	19	4	0	0	26	3.0	3	.52	
Responses: [F] Fresh=1 [S] Soph=2 [JR] Jr=3 [SR] Sr=4 [G] Grad=5 [O] Other=6												

1a - Demographics		ECE31100 - 003										
		Responses							Course			
		A	B	C	D	F	P	F	N	Grp Med	Mode	Std Dev
Q2	EXPECTED GRADE	17	7	1	0	0	1	0	26	6.7	7	1.05
Responses: [A] A=7 [B] B=6 [C] C=5 [D] D=4 [F] F=3 [P] Pass=2 [F] Fail=1												

1a - Demographics		ECE31100 - 003										
		Responses			Course							
		RFY	RBS	E	N	Grp Med	Mode	Std Dev				
Q3	COURSE REQUIRED	24	0	2	26	1.5	1	.53				
Responses: [RFY] Required for your major/minor=1 [RBS] Required by school/University=2 [E] Elective=3												

1a - Demographics		ECE31100 - 003													
		Responses											Course		
		AG	ED	E	HHS	LA	M	P	SCI	T	VM	U	N	Grp Med	Mode
Q4	YOUR SCHOOL	0	0	26	0	0	0	0	0	0	0	26	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		ECE31100 - 003									
		Responses					Course				
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q5	Overall, I would rate this course as:	21	4	1	0	0	26	4.9	5	.50	
Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1											

2b - University questions about your instructor		Melloch, Michael R									
		Responses					Individual				
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q6	Overall, I would rate this instructor as:	25	1	0	0	0	26	5.0	5	.19	
Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1											

ECE Standard questions about course		ECE31100 - 003											
		Responses								Course			
		EE	C	ME	MSE	AAE	IE	CS	O	N	Grp Med	Mode	Std Dev
Q7	What is your MAJOR?	23	0	0	0	0	0	0	2	25	8.0	8	1.90
Responses: [EE] EE=8 [C] CmpE=7 [ME] ME=6 [MSE] MSE=5 [AAE] AAE=4 [IE] IE=3 [CS] CS=2 [O] Other=1													

ECE Standard questions about course		ECE31100 - 003									
		Responses						Course			
		4	3	2	2	1	N	Grp Med	Mode	Std Dev	
Q8	What is your current GPA?	11	7	7	1	0	26	1.8	1	.92	
Responses: [4] 4.00-3.50=1 [3] 3.49-3.00=2 [2] 2.99-2.50=3 [2] 2.49-2.00=4 [1] 1.99-1.00=5											

ECE Standard questions about course	ECE31100 - 003														
	Responses					Course									
	1-2	3-4	5-6	7-9	1 >12	N	Grp Med	Mode	Std Dev						
Q9	What is the average number of out-of-class HOURS/WEEK you devote to the lecture portion of the class?					0	12	11	2	0	0	25	2.5	2	.63

Responses: [1-2] 1-2=1 [3-4] 3-4=2 [5-6] 5-6=3 [7-9] 7-9=4 [1] 10-12=5 [>12] >12=6

ECE Standard questions about course	ECE31100 - 003													
	Responses					Course								
	E	G	F	P	VP	N	Grp Med	Mode	Std Dev					
Q10	Please evaluate the CONTENT OF THIS COURSE.					21	4	1	0	0	26	4.9	5	.50
Q11	Evaluate the ORGANIZATION OF THIS COURSE.					21	4	1	0	0	26	4.9	5	.50
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.					22	4	0	0	0	26	4.9	5	.36
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.					24	2	0	0	0	26	5.0	5	.27
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.					18	6	2	0	0	26	4.8	5	.62
Q15	Evaluate the COURSE TEXT.					10	5	11	0	0	26	3.9	3	.90
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.					15	8	3	0	0	26	4.6	5	.69
Q17	Evaluate the HOMEWORK ASSIGNMENTS.					14	10	2	0	0	26	4.6	5	.63
Q18	Evaluate the EXAMS.					19	5	1	1	0	26	4.8	5	.74
Q19	Evaluate the QUIZZES.					15	4	7	0	0	26	4.6	5	.87
Q20	Evaluate the PROJECTS.					15	4	7	0	0	26	4.6	5	.87
Q21	Please evaluate the LAB EXPERIMENTS.					14	6	6	0	0	26	4.6	5	.82
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.					17	8	0	1	0	26	4.7	5	.69
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.					18	8	0	0	0	26	4.8	5	.46

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

Q24 - Please make comments, positive or negative about the course.

Response Rate: 61.54% (16 of 26)

- I think the course it outstanding, although the homeworks are a little unclear at first. Sometimes one question calls for several answers but this is not clear. Once the style is understood, the homework is easier, but maybe at the beginning make it clearer.
- Good course.
- The class is excellent. I like the demos in the classes.
- Very interesting corse
- I struggled with the homework. I believe this was due to the nature of the questions and the lack of structured lecture notes. I would like more straight forward lecture notes with equations and examples outlined so doing the homework and studying for exams is easier. That is my only complaint with the class. I thought the exams were very fair and the most fun I've had taking an exam due to the location, time, and exam setup.
- Professor Melloch's strategy for running the course has been the most enjoyable that I have experienced at Purdue. Not only have I been able to succeed, but I have also learned a lot. The remainder of the Purdue ECE curriculum could learn something from the way Prof. Melloch runs this course.
- I have learned a lot in this class.
- No complaints with this course.
- The course is taught very well. The professor wants to make sure the student understands the concepts. It is really a heavily math oriented course however, te professor prefers to focus on making problems that involve more concepts than hard math.
- The course is pretty interesting.
- None.
- This course honestly goes way too in-depth for me. I like electricity but you honestly learn things that are very obscure and really don't seem to have much of an application. This course doesn't seem like it should be required. Prof Melloch does an amazing job teaching it, however.
- It would be nice if there would be more time spent on the last few topics like wave propagation, skin effect, etc. Also, I heard in industry they are using vectors or matrices nowadays, probably it would be helpful if we can learn and get some practice on vector forms of the equations?
- Excellent course really makes you understand EM waves interaction
- It always sounds from my friends in the other section of 311 that there's a huge difference between what they're being required to learn and what we learn. Our average is very different from theirs.
- I figure that I am probably learning the course outcomes, I just don't know what they are off the top of my head.

ECE Standard questions about instructor		Melloch, Michael R								
		Responses					Individual			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q25	Evaluate the instructor's PREPARATION FOR LECTURE.	26	0	0	0	0	26	5.0	5	0
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	24	2	0	0	0	26	5.0	5	.27
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	22	3	1	0	0	26	4.9	5	.48
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	26	0	0	0	0	26	5.0	5	0
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	26	0	0	0	0	26	5.0	5	0
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	25	1	0	0	0	26	5.0	5	.19
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	25	0	0	0	0	25	5.0	5	0

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

Q32 - Please make comments, positive or negative, about the instructor.

Faculty:	Melloch, Michael R
Response Rate:	76.92% (20 of 26)
-	I've never met a professor so in tune with his class, and so generous and motivated. Prof. Melloch is one of the best professors I've had here at Purdue. Absolutely no complaints. I feel as though I have gotten to know him well, excelled in the course, and understood the material clearly.
-	Very helpful professor that provide a wider context and a deep lecture for us.
-	Professor Melloch is an excellent professor. He put a lot effort on teaching the class. He also spend a lot of time on the real demonstrations in the class.
-	I like his class. To improved the class. I think professor can spend some time to explain what he think of the equations. Some of the equaiton are confussing.
-	Great professor! His explanations were very clear and he cared about the learning process of his students. Even though the topics presented in the class were not my favorite, I learned a lot and enjoyed his classes.
-	Professor Melloch is very friendly, positive, and helpful and I find myself comfortable asking him questions. His passion for EE is very apparent. The in class demonstrations were also very cool. Thank you for being a wonderful teacher and I hope to have you in future classes.
-	He is the best professor I have ever had. I'd recommend him to everyone taking the course.
-	He is so clear, well prepared, and genuinely nice. He is approachable and easy to talk to.
-	Prof. Melloch has been one of the greatest instructors that I have had at Purdue. He is very smart and cares greatly for his students.
-	Without his explanation and demonstration, this course would have been a nightmare.
-	Professor Melloch is an excellent instructor. He made a difficult course easy to understand.
-	excellent teacher, very good at teaching
-	So far this course make me think more about the physical principles of electricity. I did not liked my previous physics courses and it was really hard for me to understand because professors with power points did not put the effort in explaining the concept. I reinforced more concepts of electricity and magnetism and I didn't struggled a lot with the understanding hard math. I just got the concepts of what was happening on the analysis.
-	You are the best professor ever!!!! It was awesome being taught by you and I enjoyed every moment in class and with this course
-	Thank you for teaching!!
-	Needs more examples.
-	Professor Melloch is amazing. He honestly cares about students learning material and does an amazing job at expressing that every single day. He does a very good job at connecting with students. He even invites you in to have lunch with him because he genuinely cares about you. Pretty impressive. I would recommend him for every class. I wish he would teach more.
-	Very nice Instructor. Taken a bunch of electromagnetic courses; he is actually the first one that makes me feel like I do learn the material.
-	Enjoyed the old school teaching style and in-class experiments.
-	Prof Melloch really cared about making sure we truly grasped the material. Great Prof!
-	One of the best professors I have had in ECE. Lectures are interesting and the material is presented in a clear way.
-	Professor Melloch is an amazing teacher. If you need help with the material, he will always be there to help you through it. It always shows that he cares. He is absolutely one of the best professors I have had at Purdue.
-	It is exceedingly obvious that this class is one of his passions. He genuinely wants to meet every student and to help them learn the material. He is one of the most genuine instructors I've ever had, and certainly a contender for the kindest as well.
-	Professor Melloch is a fantastic educator and a knowledgeable professor. He does a fantastic job including unique and relevant demonstrations that keep class interesting and his personal approach to teaching is like none I have ever experienced. I think he could do a better job of mixing up problems on the exams he gives though, so the students would have more incentive to study. Currently, many of the exam problems are very similar to past exam problems.