

Course:	ECE31100 002 - Elec & Magnetic Fields	Department:	ECE
		Responses / Expected:	36 / 55 (65.45%)

1a - Demographics		ECE31100 - 002									
		Responses						Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
Q1	YOUR CLASS	1	0	14	21	0	0	36	3.6	4	.64

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

1a - Demographics		ECE31100 - 002										
		Responses							Course			
		A	B	C	D	F	P	F	N	Grp Med	Mode	Std Dev
Q2	EXPECTED GRADE	21	9	5	1	0	0	0	36	6.6	7	.83

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 - 002									
		Responses			Course						
		RFY	RBS	E	N	Grp Med	Mode	Std Dev			
Q3	COURSE REQUIRED	35	0	1	36	1.0	1	.33			

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

1a - Demographics		ECE31100 - 002													
		Responses										Course			
		AG	ED	E	HHS	LA	M	P	SCI	T	VM	U	N	Grp Med	Mode
Q4	YOUR SCHOOL	2	0	34	0	0	0	0	0	0	0	36	9.0	9	.46

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 - 002								
		Responses					Course			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q5	Overall, I would rate this course as:	25	10	1	0	0	36	4.8	5	.53

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:	31	5	0	0	0	36	4.9	5	.35

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

ECE Standard questions about course		ECE31100 - 002											
		Responses							Course				
		EE	C	ME	MSE	AAE	IE	CS	O	N	Grp Med	Mode	Std Dev
Q7	What is your MAJOR?	33	2	0	0	0	0	0	1	36	8.0	8	1.16

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 - 002								
		Responses					Course			
		4	3	2	2	1	N	Grp Med	Mode	Std Dev
Q8	What is your current GPA?	11	13	9	3	0	36	2.0	2	.94

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 - 002									
		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?	7	12	12	4	0	1	36	2.4	2,3	1.09

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 - 002								
		Responses					Course			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q10	Please evaluate the CONTENT OF THIS COURSE.	18	16	1	1	0	36	4.5	5	.68
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	20	15	1	0	0	36	4.6	5	.55
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	22	13	0	0	0	35	4.7	5	.48
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	24	12	0	0	0	36	4.8	5	.47
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	19	14	3	0	0	36	4.6	5	.64
Q15	Evaluate the COURSE TEXT.	9	14	9	3	1	36	3.9	4	1.01
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	16	15	4	1	0	36	4.4	5	.77
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	17	16	3	0	0	36	4.4	5	.64
Q18	Evaluate the EXAMS.	17	13	4	2	0	36	4.4	5	.86
Q19	Evaluate the QUIZZES.	16	9	11	0	0	36	4.3	5	.85
Q20	Evaluate the PROJECTS.	15	10	11	0	0	36	4.2	5	.84
Q21	Please evaluate the LAB EXPERIMENTS.	17	10	8	0	0	35	4.5	5	.81
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	19	14	2	0	0	35	4.6	5	.60
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	19	14	3	0	0	36	4.6	5	.64

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: 38.89% (14 of 36)

1	Very well organized and laid out. Course requirements are specific and easy to understand. You always know what to learn and where help, resources, or supplementary materials can be found.
2	This is an excellent course and I would definitely agree it needs to stay on the required course list for a Bachelor's Degree in Electrical Engineering. It felt like a class that I could actually grasp the concepts of as well as be able to perform well in the course.
3	This is a very applicable course that builds well on our prerequisites of Calc and PHYS 272. The material is presented in a manner that encourages an application of fundamental principles to solving general problems.
4	This course is highly dependent on hw and past exams. I didn't know that so i read more books and notes and ended up doing bad in two of my exams because I didn't know it
5	The two course textbooks did not seem necessary and were not very helpful.
6	The course was interesting, but basically covered material already covered in the Physics prerequisite. The only new material came near the end of the semester. I would have liked to cover more new material, appropriate for a 300 ECE course.
7	Really terrible textbook. Bought it, read it, totally stumped by it. Felt like the author was trying to impress me rather than actually trying to explain something clearly to students.
8	Professor Melloch is an amazing professor. He truly cares about the understanding of all of his students, and makes hard concepts easy.
9	Mellon makes everything awesome.
10	It's a great class but it's way too hard and it will be great if the exams have some multiple choice questions .
11	I wish that the handouts would be numbered and posted online for ease of access. Additionally, I wish that every major topic had its own handout on par with handouts such as the Hall Effect handout. This would make this course much more understandable to learners like me.
12	Course is excellent. I found it difficult to understand the course text, however, the instructor's notes made everything very simple and easy to understand.
13	Class notes and all other materials helps a lot.
14	Advanced level course from PHYS 272. This course kept me interested in learning more about electric and magnetic fields. One of the best courses I have taken at Purdue University.

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.	31	5	0	0	0	36	4.9	5	.35
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	30	5	1	0	0	36	4.9	5	.46
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	30	6	0	0	0	36	4.9	5	.37
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	29	7	0	0	0	36	4.9	5	.40
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	30	6	0	0	0	36	4.9	5	.37
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	27	8	1	0	0	36	4.8	5	.51
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	31	5	0	0	0	36	4.9	5	.35

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: 47.22% (17 of 36)	
1	Very good course. Instructor cares a lot about this course. He makes to effort to know every student.
2	Very focused on student understanding and on the teaching and learning process. Students feel comfortable asking questions when they don't understand the material. Very clear and concise teaching with notes handed out to students as well as videos online, extensive office hours, and solutions posted.
3	This instructor is one of the best professors at Purdue.
4	Professor Melloch teaches the material very well. I would love to take another course with him being the instructor.
5	Professor Melloch is an excellent instructor. The only constructive feedback that I can think of is that perhaps he could be louder.
6	<p>Prof. Melloch is actually my favorite professor that I have had at Purdue University. His teaching style allows you to make mistakes and then forces you to learn from them all while receiving remediation points in the process. It makes his class seem actually manageable, and feel like you are truly learning something instead of the usual cram the information in and then lose it by next semester. I think that if all teacher's could take a note from his book on teaching that would be very helpful.</p> <p>One improvement I would suggest is that the notes be made available from that day, or if you lose a packet of figures that you can print them for future reference. I feel like if I missed class, I didn't really know how to go about getting the new material to cover.</p>
7	<p>Prof. Melloch is the best instructor I've had in ECE. He does a paramount of preparation for his classes-- class notes, in-class demonstrations, videos, etc to help us understand. He tries to explain everything from a fundamental level that will allow the knowledge to stay with us for a much longer period of time when compared to how the other courses are structured. His availability outside of class for help is also astonishing as he is always welcoming students into his office for extra help even when it is not during his official office hours. I felt very encouraged when I asked questions during office hours because even if it was a very simple question, he never made me felt that I was incompetent for asking an easy question. In class, when a question is asked and he doesn't know the answer, he would get back to us the next time with the answer, unlike other profs who usually just sets the question aside forever. Prof. Melloch really cares about his students as he made an effort to get to know every single one of us and as students we are able to feel that connection and work harder in the class because of this encouragement.</p> <p>I hope Prof. Melloch will teach more higher level courses, having him as my instructor gave me hope in ECE.</p>
8	Melloch is easily the best ECE professor I've ever had. He is absolutely fantastic.
9	<p>Instructor made learning the material easy and fun, showing many physical experiments to cement the students' learning of concepts.</p> <p>Thanks for making it a great semester!</p>
10	He's one of the best ECE professor in Purdue but the exams are way too hard.
11	He is the best professor I have ever had. He teaches in class in a way that with practical experiments and makes sure that you do great in his class and in college. While it seems like all of my other professors are set to make the course difficult to do well in, he not only helps us do well in his class, but also helps us to excel in college by giving us tips. He is also the only professor I have who actually cares about the students and puts an effort into knowing them. He is my most favorite professor hands down.
12	Great teaching style, the demonstrations are great
13	Excellent. The demonstrations were very helpful to visualize the concepts we covered.
14	Excellent Professor
15	Dr. Melloch is very good and explaining difficult concepts, and was always happy to help during office hours. The lesson plans went at a good pace and I really enjoyed all of the interesting demonstrations!
16	Best Professor at Purdue.
17	<p>Amazing. Melloch #1 professor I've had in ECE. I'm talking WOW.</p> <p>Amazing demos in class. Amazing work ethic (defo going to try to mimic his work ethic for myself). Amazing person (who else grabs lunch with their students?).</p> <p>I know professor Melloch has won awards in the past, but he deserves another one. Absolutely amazing professor. Highly recommend.</p>

ECE 311*		ECE31100 - 002								
		Responses						Course		
		IGA	IGA	IGS	IGA	IGN	N	Grp Med	Mode	Std Dev
Q33	As a result of your work in this class, what GAINS did you make in the SKILL of finding electric and potential fields from charge distributions including the presence of dielectric materials?	21	11	4	0	0	36	4.6	5	.69
Q34	As a result of your work in this class, what GAINS did you make in the SKILL of finding magnetic fields from current distributions including the presence of magnetic materials?	20	13	3	0	0	36	4.6	5	.64
Q35	As a result of your work in this class, what GAINS did you make in UNDERSTANDING and analyzing the generation of electric (magnetic) fields from time varying magnetic (electric) fields and to be able to mathematically describe electromagnetic wave propag	18	13	5	0	0	36	4.5	5	.71

Responses: [IGA] I gained a great deal=5 [IGA] I gained a lot=4 [IGS] I gained somewhat=3 [IGA] I gained a little=2 [IGN] I gained nothing at all=1