

<b>Course:</b>	ECE31100 002 - Elec & Magnetic Fields	<b>Department:</b>	ECE
		<b>Responses / Expected:</b>	38 / 59 (64.41%)

1a - Demographics		ECE31100 - 002									
		Responses						Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
<b>Q1</b>	YOUR CLASS	0	0	22	16	0	0	38	3.4	3	.49

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	26	8	3	1	0	0	0	38	6.8	7	.75

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
<b>Q3</b>	COURSE REQUIRED	37		0		1		38	1.5	1	.32

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	0	0	38	0	0	0	0	0	0	0	38	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 - 002								
		Responses						Course		
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q5	Overall, I would rate this course as:	25	9	4	0	0	38	4.7	5	.68

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:	34	2	1	0	0	37	5.0	5	.39

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?	38	0	0	0	0	0	0	0	38	8.0	8	0

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?	15	14	7	2	0	38	1.8	1	.88

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?	4	16	15	2	1	0	38	2.4	2	.85

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.	19	17	1	1	0	38	4.5	5	.67	
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	26	12	0	0	0	38	4.8	5	.46	
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	27	11	0	0	0	38	4.8	5	.45	
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	30	7	1	0	0	38	4.9	5	.48	
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	19	17	1	1	0	38	4.5	5	.67	
Q15	Evaluate the COURSE TEXT.	11	14	12	1	0	38	3.9	4	.84	
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	18	13	7	0	0	38	4.4	5	.76	
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	19	15	4	0	0	38	4.5	5	.67	
Q18	Evaluate the EXAMS.	24	13	1	0	0	38	4.7	5	.54	
Q19	Evaluate the QUIZZES.	12	16	10	0	0	38	4.1	4	.76	
Q20	Evaluate the PROJECTS.	12	16	9	0	0	37	4.1	4	.75	
Q21	Please evaluate the LAB EXPERIMENTS.	15	12	11	0	0	38	4.2	5	.82	
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	15	19	3	0	0	37	4.3	4	.62	
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	18	18	2	0	0	38	4.4	4.5	.59	

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:	34.21% (13 of 38)
1	this course is good and interesting.
2	none
3	Very enjoyable course. I wish all my classes were like this.
4	The course assignments were very fair. The objectives/outcomes of the course were made clear at the very beginning. I learned a lot. And I believe that the course being organized as it was helped really build up my understanding of electromagnetism.
5	The course is excellent.
6	Really could have used more examples/ working problems in class similar to those on homework and tests. I would have done much better with a BRIEF introduction to the days materials/scientists, and then several examples of how the problems are to be solved.
7	Overall this course is excellent.
8	I really like this class. Professor Melloch is the best.
9	I really liked this course because I really like physics
10	I loved this class!
11	Content is a little easy for a 300 level class. Not very technical, more broad spectrum coverage of topics
12	At the end of the course, the question to "why study this?" finally came about with the unison of E and M as they converged into plane waves. The applications are amazing and, as an RF guy, really important. I think making it through transmission lines is important. This can be done by spending less time on exam 1 material as it is heavily covered in PHYS 272. The demos and videos were great. One room for improvement would be the handout the professor gives us. Although they are excellent, often times throughout the lecture, the professor will draw a picture that is not included in the handouts. This allows the students' notes to have discontinuities as some random notes might be scattered about in the notebooks.
13	Although I did not mind that the homework assignments were relatively easy, I think I would have benefited from slightly more involved homework assignments.

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.	33	4	0	0	0	37	4.9	5	.31
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	29	7	1	0	0	37	4.9	5	.49
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	30	6	0	1	0	37	4.9	5	.59
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	31	6	0	0	0	37	4.9	5	.37
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	31	6	0	0	0	37	4.9	5	.37
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	27	9	1	0	0	37	4.8	5	.51
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	33	4	0	0	0	37	4.9	5	.31

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:	52.63% (20 of 38)
1	none
2	Very clear lectures and I enjoy the demonstration.
3	The professor was always prepared and excited to teach the course. He made us his top priority as he was always willing to stay after or schedule additional office hours.
4	The instructor is very responsible.
5	Professor Melloch is one of the best professors I've had at Purdue so far. He knows the material very well, and is very good at presenting it in a way that is easy to understand. His handouts and in class demonstrations definitely help students learn the material better. Also, he's always happy to help when you go to his office hours, and he actually bothers to learn your name, which is nice of him. My only complaint is that he doesn't teach any other classes I have to take, so I won't have the pleasure of having him as a professor again.
6	Professor was very good. Informative, cared for students, wanted to see us succeed
7	Prof. Melloch is a great professor. He cares about his students and knows everyone by name. It just shows how much difference it can make. I don't ask questions in my other classes but I ask questions in this class. But the world isn't fair so we've to deal with a lot of bad professors and a only few great ones like Prof. Melloch. He puts extra effort into making us understand the concepts. Thanks for having me as a student.
8	Prof. Melloch puts forth an incredible amount of effort to teach ECE 311, and it really shows! From his illustrative demonstrations, to his thoughtfully-prepared paper handouts and video recordings, he provides many alternate resources to explain and expound upon the phenomena covered in this course. He emphasizes a strong conceptual understanding of the material, and derides rote memorization and cramming of information. He welcomes questions of all kinds and (extremely importantly) pauses between concepts to ensure there are no lingering questions before advancing. He also provides ample opportunities for help outside of class, with six hours of office hours each week (including TA's) as well as exam remediation sessions. Prof. Melloch genuinely cares about his students' learning, and I was extremely fortunate to have had him as a professor!
9	Our instructor is good at demonstrating and has a very good grading system.
10	My comments here are along the same lines as comments above. Maybe this is specific to my learning style, but I think it would be much more insightful to work several problems that resemble those on homeworks and tests in class rather than going into the background of the who/what/where/how of a certain equation or concept.
11	Mike Melloch is the best professor I have yet to encounter in my undergrad experience at Purdue. He tries to get to know all of his students which makes learning from him all the better.
12	I love professor Melloch. He prepared well for class and has a good rapport with student. I wish all ECE classes have professor like him.
13	I liked seeing the experiments in class that demonstrated the concepts in real life.
14	I greatly appreciate the point recovery of the exams
15	I appreciate how open professor Melloch was with students like myself. He was always willing to meet and answer questions. The assignments and exams were very fair as was their grading. I would prefer, however, that we get more homework to help prepare for the exams or more problems to solve in class as they were very helpful. The textbooks do have problems however occasionally the answers are not available in the back of the book.
16	He was the excellent professor. I loved how he have at least one video/experiment that he showed during the lecture. It allows me to remember and understand the concepts better. He is also very friendly, so it made me not to hesitate to ask questions to him. The only thing that I want him to do differently is that how he put together the handouts. I wish he made some spaces on each pages so I can take notes on. So if he had figures on front page, and left back side of the paper blank, it would have been great.
17	He is really good. I like how he demonstrate in class.
18	He is one of the best professors that I know.
19	Great professor, excellent effort put towards teaching the class. Demonstrations are always very helpful and interesting.
20	Dr. Melloch is one of the best educators, if not the best educator, I have had at my time at Purdue University. He is always prepared and offers ways to break up lectures with interesting demonstrations that drive home the concepts that are demonstrated mathematically. It is evident that he personally cares about the success of each of his students. I could not ask for anything more from him, as he has already gone above and beyond the call of duty for teaching at a university level.

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?	16	18	3	1	0	38	4.3	4	.72
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?	18	16	4	0	0	38	4.4	5	.67
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	14	19	5	0	0	38	4.2	4	.67

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