

Course: ECE31100 002 - Elec & Magnetic Fields	Department: ECE
	Responses / Expected: 23 / 49 (46.94%)

1a - Demographics		ECE31100 - 002									
		Responses						Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
Q1	YOUR CLASS	0	0	9	14	0	0	23	3.7	4	.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	10	9	4	0	0	0	0	23	6.3	7	.74

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	23	0	0	23	1.0	1	0			

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	Std Dev
Q4	YOUR SCHOOL	0	0	22	0	0	0	0	1	0	0	0	23	9.0	9	1.02

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:	14	8	1	0	0	23	4.7	5	.58	

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:	21	2	0	0	0	23	5.0	5	.28	

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?	21	0	0	0	0	0	1	0	22	8.0	8	1.25

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?	3	12	8	0	0	23	2.2	2	.66	

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?	1	10	7	4	0	0	22	2.5	2	.83

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.	13	8	2	0	0	23	4.6	5	.65	
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	16	5	1	0	0	22	4.8	5	.55	
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	18	4	1	0	0	23	4.9	5	.53	
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	17	5	1	0	0	23	4.8	5	.55	
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	15	6	2	0	0	23	4.7	5	.65	
Q15	Evaluate the COURSE TEXT.	8	9	6	0	0	23	4.1	4	.78	
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	13	8	0	2	0	23	4.6	5	.87	
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	12	9	2	0	0	23	4.5	5	.65	
Q18	Evaluate the EXAMS.	12	9	2	0	0	23	4.5	5	.65	
Q19	Evaluate the QUIZZES.	7	8	8	0	0	23	3.9	3,4	.81	
Q20	Evaluate the PROJECTS.	7	8	8	0	0	23	3.9	3,4	.81	
Q21	Please evaluate the LAB EXPERIMENTS.	7	9	7	0	0	23	4.0	4	.78	
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	12	9	2	0	0	23	4.5	5	.65	
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	15	6	2	0	0	23	4.7	5	.65	

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:	34.78% (8 of 23)
1	This course is very challenging but at the same time interesting.
2	This course has many helpful handouts. If I had known at the beginning of the course how many handouts there would be, I would have used a binder to organize my note progression. I recommend Prof. Melloch mentions the number of handouts there will be at the beginning of the course, and recommend a binder to organize notes.
3	The course does not really cover applications for most of the material that is covered. I would make more problems that resemble real systems
4	Overall, this course was very well laid out and very interesting. The course covered the material in a very logical order, and the constant connections to past topics kept the course interesting and keep me engaged. Overall, this course was very well done, and I enjoyed taking it.
5	I find the subject and the material very interesting but the course was very difficult which makes it hard to enjoy when its such a struggle to understand. I felt under prepared for exams even when I studied alot.
6	I came into this course in the beginning already hating it because I can't stand physics, but I was proven wrong as this was my best course of the semester.
7	I believe that there could be more coordination with the Physics 272. There is a ton of over lap between the courses and I believe we could cover more types of applications instead of theory. In my opinion this would allow for more engagement. Overall the content of the course is great.
8	Honestly one of the best classes I have taken at Purdue. The mix of lecture notes, videos, demonstrations, and out of class interaction is amazing.

ECE Standard questions about instructor		Michael Melloch									
		Responses						Individual			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q25	Evaluate the instructor's PREPARATION FOR LECTURE.	20	3	0	0	0	23	4.9	5	.34	
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	19	4	0	0	0	23	4.9	5	.38	
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	20	3	0	0	0	23	4.9	5	.34	
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	19	4	0	0	0	23	4.9	5	.38	
Q29	Evaluate the instructor's RAPPOR WITH STUDENTS.	19	4	0	0	0	23	4.9	5	.38	
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	19	4	0	0	0	23	4.9	5	.38	
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	21	2	0	0	0	23	5.0	5	.28	

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:	Michael Melloch
Response Rate:	52.17% (12 of 23)
1	This is truly best professor at all of Purdue, so much effort to make sure student understand concepts, along with experiements, this professor should be a example to other professors, i never miss lecture just because his lectures are so good. Point recovery on exams is amazing,
2	The material may not have been the most interesting to me at first but Professor Melloch was able to keep me engaged and show how interesting the material could be. I believe this is largely due to the videos and demonstrations that he spent a large amounts of time putting together. He has a very in depth understanding of the history behind the concepts which also helps me retain the information.
3	The instructor has been my best instructor since ENGR 133 and that was 7 semesters ago. His teaching methods have kept me engaged and I have excelled in a subject that I was not strong in.
4	Professor Melloch is one of the best professors I have had here at my time at Purdue. He does a great job explaining the material during lecture. He rewards the students who go to class which I think is the right thing to do considering so many students do not show up to class. His availability outside of the classroom is something that I have never seen before. If I cannot make it to his office hours and I send him a quick email he is always very accommodating and always willing to help. I love Professor Melloch.
5	Professor Melloch is and Excellent professor. He is certainly one of the highest quality professors in the ECE school that I have seen. Also I wish there were more supplemental notes we could access online, Professor Melloch's videos are great but they don't cover a lot of essential topics.
6	Professor Melloch did an absolutely fantastic job of keeping us engaged and keeping the material interesting and understandable. Although there are some very difficult concepts in this course, they were laid out in a very logical and fundamentals based way, and it made it much easier to understand and retain information that way. I also greatly appreciate the great lengths Professor Melloch went to to personally engage us and make sure that we were doing okay in the course and understanding the material, as well as the opportunities that we were given to get points back on assignments and exams. Fantastic job, thank you so much!
7	One thing i can say about Prof. Melloch is that i didn't realize when the 50 minutes of class time was over. His lectures were so engaging and interesting that one didn't even realize when time passed. That is something i can say about very few instructors i have had at Purdue. Prof. Melloch was always willing to help students even outside of office hours, was easy to talk to and most of all, had a genuine interest in teaching. I was truly lucky to have him as my teacher and he inspired me to perform better in the subject.
8	Melloch is a great instructor, basically having an open door policy is super useful for filling in gaps of understanding.
9	I know a lot of students have said they enjoy your teaching style, and I do appreciate that it is different than the standard boring, droning lecture that most professors give at purdue. One thing I would strongly recommend that I think would've helped me a lot is if you made videos where you workout example problems step by step. In lecture you go over a lot of theory and mathematics but you don't do any practice examples so when it comes time to sit down and actually work out some problems I get tripped up very easily. You put out a lot of videos on experiments and demonstrations but I really think even just a few videos working out example problems would help a lot of students. While I might understand the math and the theory in lecture applying it to a problem is another thing. Of all the other professors I have heard about it sounds like you are by far the best 311 professor so I am glad I had you.
10	He is very excellent instructor and his effort in demonstrating experiments in class should gain many praise.
11	He is very understanding and friendly. He loves teaching his students. One of the best ECE professors
12	As many would also say, the best professor I have had for any course (from electrical engineering, ME, Physics, Japanese, liberal arts departments). That is not an easy thing to achieve as an EE instructor in my opinion. I hope Prof. Melloch writes a sort of memoir covering his teaching methods and ideals with the intention that other instructors would read it and try to replicate his ways.

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?	13	8	2	0	0	23	4.6	5	.65
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?	12	10	1	0	0	23	4.5	5	.58
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	12	8	0	2	0	22	4.6	5	.88

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