

Course: ECE31100 004 - Elec & Magnetic Fields	Department: ECE
	Responses / Expected: 23 / 51 (45.10%)

1a - Demographics		ECE31100 - 004									
		Responses						Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
Q1	YOUR CLASS	0	4	15	3	0	1	23	3.0	3	.83

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

1a - Demographics		ECE31100 - 004										
		Responses						Course				
		A	B	C	D	F	P	F	N	Grp Med	Mode	Std Dev
Q2	EXPECTED GRADE	16	4	2	0	0	1	0	23	6.8	7	1.14

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 - 004						
		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 - 004														
		Responses											Course			
		AG	ED	E	HHS	LA	M	P	SCI	T	VM	U	N	Grp Med	Mode	Std Dev
Q4	YOUR SCHOOL	0	0	23	0	0	0	0	0	0	0	0	23	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 - 004								
		Responses					Course			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q5	Overall, I would rate this course as:	16	4	3	0	0	23	4.8	5	.71

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:	17	6	0	0	0	23	4.8	5	.44

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

ECE Standard questions about course		ECE31100 - 004											
		Responses								Course			
		EE	C	ME	MSE	AAE	IE	CS	O	N	Grp Med	Mode	Std Dev
Q7	What is your MAJOR?	22	0	0	0	0	0	0	1	23	8.0	8	1.43

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 - 004								
		Responses					Course			
		4	3	2	2	1	N	Grp Med	Mode	Std Dev
Q8	What is your current GPA?	12	4	6	1	0	23	1.5	1	.96

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 - 004									
		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?	5	7	10	1	0	0	23	2.4	3	.86

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 - 004									
		Responses						Course			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev	
Q10	Please evaluate the CONTENT OF THIS COURSE.	15	6	0	2	0	23	4.7	5	.88	
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	17	4	2	0	0	23	4.8	5	.63	
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	14	6	3	0	0	23	4.7	5	.71	
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	14	8	1	0	0	23	4.7	5	.58	
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	13	6	2	1	1	23	4.6	5	1.07	
Q15	Evaluate the COURSE TEXT.	7	11	4	1	0	23	4.1	4	.81	
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	15	4	3	1	0	23	4.7	5	.88	
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	15	5	3	0	0	23	4.7	5	.71	
Q18	Evaluate the EXAMS.	15	6	1	1	0	23	4.7	5	.77	
Q19	Evaluate the QUIZZES.	11	2	8	1	0	22	4.5	5	1.02	
Q20	Evaluate the PROJECTS.	12	3	7	0	0	22	4.6	5	.90	
Q21	Please evaluate the LAB EXPERIMENTS.	12	3	7	0	0	22	4.6	5	.90	
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	16	6	1	0	0	23	4.8	5	.56	
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	15	6	1	0	0	22	4.8	5	.57	

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:	47.83% (11 of 23)
1	This course is, in my honest opinion, far too easy. There is simply not enough content to fill an entire semester, especially when most of the content that is there is simply duplicated from PHYS 272 (or AP physics E&M, which I took). I was regularly bored in class because we spent an entire week in class on one topic that is not very difficult to begin with, and even more so when this is the second time I went over this material.
2	The lecture handouts were very useful. However, there were times when some pages from some handouts were simply not covered and hence it proved to be of no use/help. The quantity of lecture handouts could be reduced, or maybe some could be uploaded to blackboard to avoid the overuse of paper and promote the student to read/review the material that way.
3	The course is an excellent introduction to electricity and magnetism, although it would be nice to go a little more in depth into radiation, and how electrodynamics and light work.
4	The course was structured fairly and appropriately for the material
5	Overall interesting class, the pacing was a bit slow and I felt like there was opportunity to build on previous E&M topics moreso than we did.
6	Moves too slowly and seems mostly redundant to PHYS 272
7	I really like this course, this makes me understand about the magnetic and electric concepts
8	I really enjoyed learning electromagnetics. This will help me a lot in electromagnetics 2 during my next spring semester.
9	I really appreciated the point makeup opportunities after tests, as well as the stance on homework as extra credit. I also felt that the exams were very fair and similar to the homework
10	Great organization and very generous professor
11	Course as a whole is well structured

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.	19	4	0	0	0	23	4.9	5	.38
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.	17	6	0	0	0	23	4.8	5	.44
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	18	5	0	0	0	23	4.9	5	.41
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.	17	5	0	1	0	23	4.8	5	.70
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	20	3	0	0	0	23	4.9	5	.34

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:	60.87% (14 of 23)
1	Very great teacher and cares about all the students, very generous as well
2	The instructor uses various methods and aids to help explain concepts and makes it clear. This is really helpful as I am a visual learner.
3	Professor Melloch is a good teacher, I think he could improve by teaching more to general application of laws versus specific problem applications. The demos he provided were very helpful and really helped engage me with the class.
4	Professor Melloch is one of the best professor i had so far in ECE.
5	Prof. Melloch has a nice and effective teaching system that ensures everyone gets a fair chance of getting all the credit they deserve for all their hard work.
6	I really like Dr. Melloch. He is a lovely person and genuinely cares about how well students do and how much they learn. Unfortunately, his teaching style is VERY slow, and it definitely made the already slow pace of the class feel even worse. Additionally, his exam style is the worst case of "memorize the 5 kinds of questions we will be asked" I have ever seen. Instead of learning and being tested on concepts, we are incentivized to simply go over the different kinds of problems that will definitely show up on the exam and then robotically execute the steps taken to complete the problem.
7	I love the way Professor teaching. He always helps the student to have a deep grasp of the lecture, by giving a lot of experiments in class.
8	He has great skills of teaching. we can see how much effort he puts toward this course.
9	Has been the best instructor that I have had in ECE!
10	Hands down the best professor I've had at Purdue!! Very helpful, lectures are very useful, and he really cares about the students which in turn makes me want to try and do very well in this class.
11	Good in general, but moves too slowly and as a result does not get through much material.
12	Dr. Melloch is an excellent instructor, and really put a lot of time and effort into helping us understand the materials. All of the lab demonstrations were a highlight of the course, and really helped us visualize the phenomena that were going on.
13	Demonstrations made in class are very helpful in observing how it all works.
14	Attending the class and office hours helped me a lot in exams. Exam recovery points and homework bonus points helps me to get to a higher A.

ECE 311*		ECE31100 - 004									
		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?	10	7	5	1	0	23	4.3	5	.90	
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?	10	10	2	1	0	23	4.4	4,5	.79	
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	9	10	2	2	0	23	4.3	4	.90	

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