

Course: ECE31100 004 - Elec & Magnetic Fields	Department: ECE
	Responses / Expected: 24 / 28 (85.71%)

1a - Demographics		ECE31100 - 004									
		Responses						Course			
		F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
Q1	YOUR CLASS	0	3	16	5	0	0	24	3.1	3	.57

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	17	5	2	0	0	0	0	24	6.8	7	.63

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	24	0	0	24	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	24	0	0	0	0	0	0	0	0	24	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:	17	5	2	0	0	24	4.8	5	.63

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:	21	2	1	0	0	24	4.9	5	.47

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?	24	0	0	0	0	0	0	0	24	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 - 004								
		Responses					Course			
		4	3	2	2	1	N	Grp Med	Mode	Std Dev
Q8	What is your current GPA?	9	8	4	3	0	24	1.9	1	1.02

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?	1	17	5	1	0	0	24	2.1	2	.60

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.	16	7	1	0	0	24	4.8	5	.56	
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	16	8	0	0	0	24	4.8	5	.47	
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	18	5	1	0	0	24	4.8	5	.54	
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	21	3	0	0	0	24	4.9	5	.33	
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	12	10	2	0	0	24	4.5	5	.64	
Q15	Evaluate the COURSE TEXT.	10	10	4	0	0	24	4.3	4,5	.72	
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	18	6	0	0	0	24	4.8	5	.43	
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	14	9	1	0	0	24	4.6	5	.58	
Q18	Evaluate the EXAMS.	19	4	1	0	0	24	4.9	5	.52	
Q19	Evaluate the QUIZZES.	11	6	5	0	0	22	4.5	5	.81	
Q20	Evaluate the PROJECTS.	9	6	5	0	0	20	4.3	5	.81	
Q21	Please evaluate the LAB EXPERIMENTS.	7	8	5	0	0	20	4.1	4	.77	
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	16	7	1	0	0	24	4.8	5	.56	
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	17	7	0	0	0	24	4.8	5	.45	

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:	54.17% (13 of 24)
1	professor Melloch made the course so much more interesting. I learned a lot more than I expected
2	The course is pretty useful and organized.
3	The course is very well organized. No changes required.
4	The course is very dry in content but the instructor makes it worth while. I actually learn from the class and exams as opposed to just going through the motions like some classes.
5	The course was ran extremely well. We mainly stuck to the schedule, and always understood the importance of what we were learning.
6	The course was good because Professor Melloch took a mediocre EE topic and made it straightforward and easy to understand
7	The course provides great fundamentals of electricity and magnetism. However, I think it would be nice if there existed an honors version or if advanced physics courses could be used as satisfying this requirement in order to learn the material in more detail with more challenging problems and concepts.
8	The course is very well-organized.
9	Overall a very good course.
10	Interesting, well organized course.
11	I very much enjoyed this course. Of all of the ECE courses I have taken, this one has by far been my favorite.
12	I have learned a lot about electrical and magnetic fields in this course. The demonstrations are cool and effective in attracting students' attentions.
13	Course is extremely well organized and well taught

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.	22	2	0	0	0	24	5.0	5	.28	
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	21	3	0	0	0	24	4.9	5	.33	
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	22	2	0	0	0	24	5.0	5	.28	
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	22	2	0	0	0	24	5.0	5	.28	
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	21	3	0	0	0	24	4.9	5	.33	
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	20	2	2	0	0	24	4.9	5	.60	
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	22	2	0	0	0	24	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:	Melloch, Michael R
Response Rate:	79.17% (19 of 24)
1	he is so good at teaching class, I like his class, he explain every step of this course clearly and easy to understand
2	The instructor is very nice and he explains things very clearly.
3	The excellent option isn't good enough. There needs to be a higher option for this professor.
4	Puts in a lot of effort to explain topics. Is clear about the material and provides many opportunities to help students improve their grade. He is readily available to answer questions outside class as well.
5	Professor Malloch is a great instructor and the most humble person I have encountered. He makes his lectures very interesting by performing experiments in class which compounds the theoretical knowledge of the course. He is also very helpful outside of class and is always ready to interact with students outside office hours. His lunch sessions were unique and allowed students to develop a rapport with him. I urge him to continue the stupendous work.
6	Professor Melloch is the best professor I have had in my life. He is caring, considerate and knows his stuff very well. He always desires his students to learn the most out of the course and to succeed. I have never seen any professor that is passionate and cares about his students like professor Melloch.
7	Professor Melloch is the best professor I have had during my college career. He has many extra guides to help us understand the material better, and stops periodically during every class to pause for questions. I also appreciated that he took the time out to learn the name of every student in the class. His office hours being immediately after class were also very convenient so that we didn't have to make extra trips to see him. Professor Melloch did an amazing job and I would recommend his class to anybody in ECE
8	Professor Melloch is an amazing instructor. He really wanted the students to understand the material and provided as much help as possible. The in-class demonstrations were very cool and interesting.
9	Professor Melloch is one of the best professors I've ever had during my college years. Very kind and patience. Will recommand to other students.
10	Professor Melloch really cares about his student and his lectures. He is enthusiastic about conveying knowledge through demonstrations. Maybe in the future, Prof. Melloch could improve on the speed of explaining materials and try to cover more contents such as transmission lines.
11	Prof. Michael Melloch is the best professor I have ever seen. Whenever I came to his office, he help me to solve my question even though this time is not a office hour.
12	Prof. Melloch was very good and always explained things clearly. It was easy to tell that he really cared how the material was introduced because he often mentioned how different textbooks didn't explain certain topics clearly and would take the time to search through many of them to find illustrations and figures that he felt were best for a given topic. The live demos were also intriguing and helped a lot. It was nice to take an occasional break from the traditional lecture and see things actually happening.
13	Melloch is one of the top five best professors I have had since being at Purdue. He makes a real effort to meet all of his students and help them as much as he possibly can. He takes a very boring class and explains it in a way that is actually easy to understand.
14	Lack of emphasis on design of solutions. Disregards mathematical details, refuses to use mathematical definitions more than bare minimum to explain concepts because he is convinced it will only confuse students, when it would be exactly what is needed to connect concepts together.
15	Great professor. Seems to be one of the few that cares about students.
16	Great professor who genuinely wants students to learn and enjoys teaching the class. Loved the demonstrations and videos shown in class. Clarity of presentation was amazing and it made the concepts very easy to grasp.

17	Dr. Melloch is the best instructor I've had at Purdue. He cares a great deal about his students and wants them to succeed. He makes himself more than available to help with any problems or answer any questions the student may have. He explains concepts very well and keeps class interesting by applying those concepts in experiments. I've learned a great deal from Dr. Melloch in ECE 311.
18	Does a great job using real-word examples.
19	Definitely one of the best professors I've ever had. I loved the way he structured the course, making grades very straight forward and always easy to understand. Overall, a really great lecturer. He made a topic that I would normally hate actually interesting to learn about. Great professor.

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?	16	6	2	0	0	24	4.8	5	.64
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?	14	9	1	0	0	24	4.6	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	15	5	4	0	0	24	4.7	5	.76

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