Course:	ECE31100 001 - Elec & Magnetic Fields	Department:	ECE
		Responses / Expected:	22 / 53 (41.51%)

1a - Demographics

ECE31100 - 001

		Responses						Course		
	F	**S**	**JR**	**SR**	**G**	**O**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q1 YOUR CLASS	0	0	10	12	0	0	22	3.6	4	.50

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

1a - Demographics

ECE31100 - 001

			Responses					Course		
	A	**B**	**C**	**D**	**F**	**P**	**F**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q2 EXPECTED GRADE	17	2	2	1	0	0	0	22	6.9	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 - 001

	Responses			Course			
	RFY	**RBS**	**E**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q3 COURSE REQUIRED	21	1	0	22	1.0	1	.21

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

1a - Demographics

ECE31100 - 001

					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	0	0	0	0	22	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 - 001

		Responses				Course		
	E	**G**	**F**	**P**	**VP**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q5 Overall, I would rate this course as:	17	5	0	0	0	22	4.9	5	.42

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:	18	3	1	0	0	22	4.9	5	.52

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

ECE Standard questions about course

ECE31100 - 001

				Responses					Course		
	EE	**C**	**ME**	**MSE**	**AAE**	**IE**	**CS**	**O**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q7 What is your MAJOR?	20	0	0	0	0	0	0	0	20	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 - 001

		Responses				Course		
	4	**3**	**2**	**2**	**1**	**N**	**Grp Med**	**Mode**	**Std Dev**
Q8 What is your current GPA?	9	5	7	0	0	21	1.8	1	.87

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 - 001									
		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?		2	13	6	0 0	0	21	2.2	2	.59	

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 - 001								
		Responses					**Course**			
		E	G	F	P	VP	N	Grp Med	Mode	Std Dev
Q10	Please evaluate the CONTENT OF THIS COURSE.	12	8	1	0	0	21	4.6	5	.59
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	13	5	2	0	0	20	4.7	5	.67
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	13	7	1	0	0	21	4.7	5	.58
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	18	3	0	0	0	21	4.9	5	.35
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	13	7	1	0	0	21	4.7	5	.58
Q15	Evaluate the COURSE TEXT.	8	10	2	1	0	21	4.3	4	.79
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	15	4	2	0	0	21	4.8	5	.65
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	14	7	0	0	0	21	4.8	5	.47
Q18	Evaluate the EXAMS.	11	9	1	0	0	21	4.5	5	.59
Q19	Evaluate the QUIZZES.	7	8	6	0	0	21	4.1	4	.79
Q20	Evaluate the PROJECTS.	7	8	6	0	0	21	4.1	4	.79
Q21	Please evaluate the LAB EXPERIMENTS.	8	8	5	0	0	21	4.2	4,5	.77
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	11	10	0	0	0	21	4.5	5	.50
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	11	8	2	0	0	21	4.5	5	.66

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: 59.09% (**13** of **22**)

- I very much enjoyed 311, due to Prof. Melloch's enthusiasm and willingness to go the extra mile when he teaches.

- I wish we would be able to apply more of the class to what we will be working on in the future. I believe that most students are in EE, and this class is very similar to 272. A lot of the material is repeated, so I would like to be able to do more hands-on things vs just lecture.

- We didn't have quizzes, projects, or lab experiments in this class. The one thing I would change is to go over some of the topics at the beginning slightly faster to leave more time for the final exam topic.

- The course was run well but this is my second time taking it and much less material was covered this time around but it was actually explained.

- i learn a lot from this course.

- This course has incredibly useful content. I was pleasantly surprised by how much I liked it.

- It is a logical next step from 272 and really well organized.

- I was extremely happy with this course and what I learned in it. I feel as though I took something away from almost every lecture and could apply it to a myriad of things. I was extremely happy with how fair the points in this class were and the ability to get points on the homeworks and exams. I would highly recommend this class and the professor to any EE or CompE.

- The material is extremely important, but this course moves WAY TOO SLOW. Melloch teaches at such a slow pace that it is actually *harder* to learn the material because it is so difficult to pay attention in class; everything moves simply too slow. Far too much time is spent on basic E&M physics principles that most students will have already learned from PHYS 272, which is required.

  We definitely did NOT cover all of the course outcomes and objectives this semester. In particular (and I'm quoting directly from the course description here):

  vii. a knowledge of wave or pulse propagation in transmission lines, including transmission and reflection at junctions. [a,e,k]

  viii. an understanding of the basic properties of fields radiated by simple antennas. [a,k]

  Neither of these were even touched on; we didn't get to transmission lines or antennas. In essence, there was no new material in this course that wasn't already taught in PHYS 272, which is a required course for all engineers. I'm puzzled as to why this course even exists as so much of it seems redundant.

- I thought the class was very good. I very much enjoyed it.

- 311 give us fundamental ideas of electric and magnetic field, I think it is very useful.

- Course is well designed and well taught.

- Very well put together course.

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.	18	3	0	0	0	21	4.9	5	.35
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	17	3	0	1	0	21	4.9	5	.70
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	17	3	1	0	0	21	4.9	5	.53
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	16	5	0	0	0	21	4.8	5	.43
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	17	4	0	0	0	21	4.9	5	.39
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	17	4	0	0	0	21	4.9	5	.39
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	18	3	0	0	0	21	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: **68.18**%　(**15** of **22**)

- Prof. Melloch is a fantastic teacher. He is not only very knowledgeable, but he can convey ideas in a way that students can easily understand. Also, the demonstrations he performs in lecture are an excellent way of capturing students' attention if they have spaced out during lecture. Overall, it would be difficult to find a better professor than Prof. Melloch.

- Prof. Melloch is incredibly available compared to my other professors and truly cares about how well we are doing in his class. He provides any and all outside help that he can, and has many office hours for any help that is needed. All of the extra credit he provides really separates the students who try and those who are just good at test taking. I wish all classes were structured like this!

- Whenever I was confused about a specific topic, Prof. Melloch was always able to break it down for me. He was always good at drawing pictures to explain the concepts or showing you a simple experiment. Absolutely great professor, I am so glad to have been taught under him during my time at Purdue.

- This is my second time taking this class and the difference between this instructor and the last (Elliott) is astronomical. Melloch actually puts effort into teaching and cares that all the students learn all the material being covered and takes pride in his teaching approach where the instructor I had previously just tried to get through all the objectives and seemed to take more pride in knowing everyone was confused however shitty that may sound.

- he is helpful and friendly.

- Prof. Melloch is one of the best professors I have ever had in ECE. He clearly cares about the students and whether or not they learn the material. He creates a great classroom culture in which students feel comfortable asking questions. I have never felt as welcome or comfortable in an ECE classroom before (normally students are somewhat afraid to ask questions for fear of looking stupid or being made fun of). He does a ton of different demos, both to help students understand the material and to keep things interesting. He's clearly thought a lot about the most effective ways to teach material and it shows.

  Additionally, Betsy is a great TA. She really knows the material and cares if students understand it. She can explain topics in many different ways, which is really unusual for a grad TA. It's also refreshing to see an American female TA, as there are virtually none in ECE.

- prof melloch is actually one of the best profs i've had in the ECE department and definitely purdue. He organizes his lectures very well and the way he has organized the class I really understand the material, whereas in most of my other ECE classes. and pretty much every policy he has for the course, seems to me, is designed for this. He is super helpful inside class and during OH. i dont think i could have had a better experience with this class.

- Professor Melloch has been one of my favorite professors at Purdue thus far. He knows me on a first name basis and is one of the only professors that has made an outstanding effort to get to know ME. He genuinely cares about my success in his class and at Purdue and I would feel comfortable coming to him with a problem in his class or any other class at Purdue. Excellent class, excellent professor, 10/10 would recommend

- Needs to go through material faster. The in-class handouts, while helpful for visualizing things, are a logistical nightmare. Going back and forth between handouts and overhead notes makes it very difficult to take notes and organize them in a consistent manner. At the very least I wish all of the handout material would be organized into a set of single class notes that students could print at the beginning of the semester and annotate as they go along. Having to deal with new handouts every class period and then sort and three-hole punch them is annoying. There's certainly a better approach to this.

- After taking this course with the professor, it is very evident why he wins so many teaching awards. He presents the material in a way that is very clear and easy to understand. It was a joy to be in his class.

- Professor Melloch was an exceptionally good teacher. He genuinely cared about his students, graded fairly, and put a lot of effort into building experiments and making supplemental notes. I regret not taking advantage of his office hours.

- The best teacher ever! Really enjoy this class.

- Instructor is excellent, he is knowledgeable on the subject, teaches in a clear manner that is understandable, and is friendly and approachable to students. He also makes himself available for students and is very fair.

- Stellar professor!

- Top notch instruction, always available for additional assistance, and always open for questions. Would have loved to lean more about the topic.