

ECE Standard LEC Survey
SP13 2013Purdue University
West Lafayette

Course: ECE31100 003 - Elec & Magnetic Fields

Department: ECE

Responses / Expected: 38 / 62

ECE31100 - 003

1a - Demographics

	Responses							Course			
	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	0	0	30	8	0	0	3.1	3	.41	38	3.2
Responses: [F] Fresh=1 [S] Soph=2 [J] Jr=3 [S] Sr=4 [G] Grad=5 [O] Other=6											

ECE31100 - 003

1a - Demographics

1a - Demographics		Responses							Course				
		[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q2	EXPECTED GRADE	20	13	5	0	0	0	0	6.6	7	.71	38	6.4
Responses: [A] A=7 [B] B=6 [C] C=5 [D] D=4 [F] F=3 [P] Pass=2 [F] Fail=1													

ECE31100 - 003

1a - Demographics

1a - Demographics		Responses				Course			
		[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q3 COURSE REQUIRED		35	1	2	1	1	.47	38	1.1
							Responses:		
							[RF] Required for your major/minor=1		
							[RB] Required by school/University=2		
							[E] Elective=3		

ECE31100 - 003

1a - Demographics

1a - Demographics				Responses								Course				
	[A]	[E]	[E]	[H]	[L]	[M]	[P]	[S]	[T]	[VM]	[U]	Grp. Med.	Mode	S.D.	N	Mean
Q4 YOUR SCHOOL	0	0	38	0	0	0	0	0	0	0	0	9	9	0	38	9
Responses:																
[A] AG=11 [E] ED=10 [E] ENGR=9 [H] HHS=8 [L] LA=7 [M] MGMT=6 [P] PHARM=5 [S] SCI=4 [T] TECH=3 [VM] VET MED=2 [U] UNDECLARED=1																

ECE31100 - 003

2a - University questions about your course

	Responses					Course					
	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean	
Q5 Overall, I would rate this course as:	27	10	1	0	0	4.8	5	.52	38	4.7	
Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1											

Melloch, Michael R

2b - University questions about your instructor

Responses	Individual
Grp.	

	[E]	[G]	[F]	[P]	[VP]	Med.	Mode	S.D.	N	Mean
Q6 Overall, I would rate this instructor as:	33	4	1	0	0	4.9	5	.43	38	4.8
Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1										

ECE31100 - 003

ECE Standard questions about course	Responses								Course				
	[E]	[C]	[M]	[M]	[A]	[I]	[C]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q7 What is your MAJOR?	35	0	0	0	0	0	0	2	8	8	1.58	37	7.6
Responses: [E] EE=8 [C] CmpE=7 [M] ME=6 [M] MSE=5 [A] AAE=4 [I] IE=3 [C] CS=2 [O] Other=1													

ECE31100 - 003

ECE Standard questions about course	Responses					Course				
	[A]	[B]	[C]	[D]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q8 What is your current GPA?	8	16	10	3	0	2.2	2	.87	37	2.2
Responses: [A] 4 00-3 50=1 [B] 3 49-3 00=2 [C] 2 99-2 50=3 [D] 2 49-2 00=4 [E] 1 99-1 00=5										

ECE31100 - 003

ECE Standard questions about course	Responses						Course				
	[A]	[B]	[C]	[D]	[E]	[>]	Grp. Med.	Mode	S.D.	N	Mean
Q9 What is the average number of out-of-class HOURS/WEEK you devote to the lecture portion of the class?	5	15	13	4	0	0	2.4	2	.86	37	2.4
Responses: [A] 1-2=1 [B] 3-4=2 [C] 5-6=3 [D] 7-9=4 [E] 10-12=5 [>] >12=6											

ECE31100 - 003

ECE Standard questions about course	Responses						Course			
	[E]	[G]	[F]	[P]	[VP]	Grp- Med.	Mode	S.D.	N	Mean
Q10 Please evaluate the CONTENT OF THIS COURSE.	23	13	1	0	0	4.7	5	.54	37	4.6
Q11 Evaluate the ORGANIZATION OF THIS COURSE.	25	10	2	0	0	4.8	5	.59	37	4.6
Q12 Evaluate the ADMINISTRATION OF THIS COURSE.	25	10	2	0	0	4.8	5	.59	37	4.6
Q13 Evaluate the AVAILABILITY OF OUTSIDE HELP.	31	4	2	0	0	4.9	5	.53	37	4.8
Q14 Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	24	11	2	0	0	4.7	5	.59	37	4.6
Q15 Evaluate the COURSE TEXT.	16	15	5	0	0	4.4	5	.70	36	4.3
Q16 Evaluate the SUPPLEMENTAL COURSE NOTES.	23	11	2	0	0	4.7	5	.60	36	4.6
Q17 Evaluate the HOMEWORK ASSIGNMENTS.	22	13	2	0	0	4.7	5	.60	37	4.5
Q18 Evaluate the EXAMS.	19	15	1	1	0	4.6	5	.68	36	4.4
Q19 Evaluate the QUIZZES.	19	12	5	0	0	4.6	5	.72	36	4.4
Q20 Evaluate the PROJECTS.	21	10	5	0	0	4.6	5	.72	36	4.4
Q21 Please evaluate the LAB EXPERIMENTS.	21	10	5	0	0	4.6	5	.72	36	4.4
Q22 Evaluate the CLARITY OF COURSE OUTCOMES.	27	9	1	0	0	4.8	5	.51	37	4.7
Q23 Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	26	10	1	0	0	4.8	5	.52	37	4.7

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: 28.95% (11 of 38)

This is by far one of the best courses I have taken at Purdue. It is clear that Professor Melloch completely understand the material and presents it very clearly. I have really enjoyed taking this course. I think that the experiments done in class and the supplemental notes add to the understanding. Professor Melloch definitely goes above and beyond most professors to ensure that the students take away as much as possible from his course.

- the textbook is pretty bad and it is not that connect with the class
- tough but interesting course
- it is a very good course
- The course contents were very well organized
- no comments
- Teaching of concepts is very good, but almost no examples are provided or worked through.
- Enjoyed this course more than I expected to.
- Like the exam make up stuff
- This course was very useful and I learned a lot. The instructor was very helpful outside of class.
- One of the few classes I like in ECE. All because of Prof Melloch

		Melloch, Michael R									
ECE Standard questions about instructor		Responses					Individual				
		[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q25	Evaluate the instructor's PREPARATION FOR LECTURE.	33	3	1	0	0	4.9	5	.41	37	4.9
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	29	7	1	0	0	4.9	5	.49	37	4.8
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	28	6	2	0	0	4.9	5	.56	36	4.7
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	31	5	1	0	0	4.9	5	.46	37	4.8
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	30	6	1	0	0	4.9	5	.47	37	4.8
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	31	5	1	0	0	4.9	5	.46	37	4.8
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	33	3	1	0	0	4.9	5	.41	37	4.9

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: 31.58% (12 of 38)

- Professor Melloch is by far one of the best professors I have had. He genuinely cares about his students and their success. I have loved having the opportunity to learn from him.
- very good instructor
- Instructor was well prepared and clearly demonstrated the contents of the course
- no comments.
- Probably the best professor I have had here at Purdue thus far. Great at explaining concepts and really cares that the students understand the concepts.
- One of the best teachers I have had so far at Purdue. He is great at getting to know every students name and making them feel comfortable in class. He is very clear in his explanations and is happy to go over things again for those who don't understand. His office hours are at very reasonable times and will make exceptions to meet with you if the times do not work out. He is very approachable and does not leave students intimidated to ask questions. He provides an abundant amount of extra material to help grasp concepts better and has lots of in class examples and demonstrations. This helps significantly when trying to understand new material. He does everything he can to make sure students that put in the effort will grasp the concepts. This is one of the few classes that I really enjoy coming to and keeps me from skipping to many classes.
- One of the best professors I have had here at Purdue.
- Professor Melloch has become one of my favorite instructors. He was very available outside of class and seemed very interested in helping students learn the material. Out of all the classes I have taken at Purdue, he was the one professor who stood out and seemed to actually care about what students were learning. He always had a positive attitude and was willing to answer students questions. I have never had a

- professor who cared as much as he did. He is extremely knowledgeable in electromagnetics, and I don't think I would have received a better grade with any other teacher. I can't stress enough how thankful I was to be in Melloch's class this semester. I know that I will be able to see him on campus and he will still remember me by name. Hands down, one of my favorite professors at Purdue!
- Tied for my favorite teacher at Purdue so far.
- He always puts in a 100% effort to help students do the best they can.
- If he isn't an excellent professor, I don't know what could possibly be...

Good explanation of the class materials

- Occasional recap of previous lessons

Give students chance to catch up to the current materials