

ECE Standard Lec Survey
FA11 2011Purdue University
West Lafayette

Course: ECE31100 001 - Elec & Magnetic Fields

Department: ECE

Resp. Rec'd / Expected: 43 / 59

ECE31100 - 001

1a - Demographics

Responses

Course

	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	1	2	23	17	0	0	3.3	3	.67	43	3.3

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

ECE31100 - 001

1a - Demographics

Responses

Course

	[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q2 EXPECTED GRADE	27	12	4	0	0	0	0	6.7	7	.66	43	6.5

Responses: [A] A=7 [B] B=6 [C] C=5 [D] D=4 [F] F=3 [P] Pass=2 [F] Fail=1

ECE31100 - 001

1a - Demographics

Responses

Course

	[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q3 COURSE REQUIRED	43	0	0	1	1	0	43	1

Responses:

[RF] Required for your major/minor=1
[RB] Required by school/University=2
[E] Elective=3

ECE31100 - 001

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	43	0	0	0	0	0	0	0	0	9	9	0	43	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 - 001

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:	22	19	2	0	0	4.5	5	.58	43	4.5

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

	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q6 Overall, I would rate this instructor as:	36	7	0	0	0	4.9	5	.37	43	4.8

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

ECE31100 - 001

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?	42	0	0	0	0	0	0	0	8	8	0	42	8

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 - 001

ECE Standard questions about course

ECE Standard questions about course	Responses					Grp. Med.	Course			
	[A]	[B]	[C]	[D]	[E]		Mode	S.D.	N	Mean
Q8 What is your current GPA?	22	10	7	2	0	1.4	1	.91	41	1.7

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 - 001

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?	6	14	14	3	2	1	2.5	2,3	1.14	40	2.6

Responses: [A] 1-2=1 [B] 3-4=2 [C] 5-6=3 [D] 7-9=4 [E] 10-12=5 [>] >12=6

ECE31100 - 001

ECE Standard questions about course

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.	21	20	1	0	0	4.5	5	.55	42	4.5
Q11	Evaluate the ORGANIZATION OF THIS COURSE.	28	13	0	0	0	4.8	5	.47	41	4.7
Q12	Evaluate the ADMINISTRATION OF THIS COURSE.	27	15	0	0	0	4.7	5	.48	42	4.6
Q13	Evaluate the AVAILABILITY OF OUTSIDE HELP.	33	9	0	0	0	4.9	5	.41	42	4.8
Q14	Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	23	18	1	0	0	4.6	5	.55	42	4.5
Q15	Evaluate the COURSE TEXT.	15	22	5	0	0	4.2	4	.65	42	4.2
Q16	Evaluate the SUPPLEMENTAL COURSE NOTES.	21	19	2	0	0	4.5	5	.59	42	4.5
Q17	Evaluate the HOMEWORK ASSIGNMENTS.	23	18	1	0	0	4.6	5	.55	42	4.5
Q18	Evaluate the EXAMS.	27	13	1	1	0	4.7	5	.66	42	4.6
Q19	Evaluate the QUIZZES.	17	12	9	0	1	4.3	5	.94	39	4.1
Q20	Evaluate the PROJECTS.	17	10	11	0	1	4.3	5	.97	39	4.1
Q21	Please evaluate the LAB EXPERIMENTS.	16	10	11	0	1	4.2	5	.97	38	4.1
Q22	Evaluate the CLARITY OF COURSE OUTCOMES.	20	18	3	0	0	4.5	5	.62	41	4.4
Q23	Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	19	19	3	0	0	4.4	4,5	.62	41	4.4

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: 41.86% (18 of 43)

- Not a fan of physics but the professor for this course has made the semester enjoyable.
- The course is outlined in a good fashion which makes sense.
- good class, very difficult but taught well

- I love this class.
- I liked the material. It was very interesting. Attendance would get boring. Although the instructor has a lot of interesting videos and experiments to show us we should be actively involved using clickers or in class quiz's or something.
- The course content is interesting. The supplemental course materials such as the videos really enhanced learning.
- okay.
- Administration and supplemental materials provided by the instructor are outstanding
- I didn't use the main text book much so I can't really rate "excellent" and be fair about it, but I did like the schaums outlines book for extra problems. I sort of wish more was covered on the electromagnetic waves and non conservative fields, because I found that way more interesting than the static fields, although both were very interesting, it felt like statics was much more intuitive and the later material was way less intuitive, so I found it more interesting and wanted to devote more time to it.
- The course itself as hard as it deals with a lot of stuff from Calculus III. However the brief review related to concept from Calculus III given by professor before the actual lecture really helps us to grasp the new concept more easily.
- The pace of this course is just right.
- The course is repeating a lot of stuffs which we have learnt in physics
- Great Instructor makes this course great!
- I thoroughly enjoyed ECE 311.
- It was a pretty interesting class, difficult, but interesting
- Material was understandable, textbook, homework assignments and practice exams helped understand the material. The professor taught the class really well.
- This course gave me a pretty good exposure to a new area of electrical engineering.
- I liked this course because of instructor Michael Melloch is the best teacher i have ever had in ECE courses

ECE Standard questions about instructor	Melloch, Michael R									
	Responses						Individual			
	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q25 Evaluate the instructor's PREPARATION FOR LECTURE.	37	5	0	0	0	4.9	5	.32	42	4.9
Q26 Evaluate the instructor's CLARITY OF PRESENTATION.	34	8	0	0	0	4.9	5	.39	42	4.8
Q27 Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	33	8	1	0	0	4.9	5	.48	42	4.8
Q28 Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	36	6	0	0	0	4.9	5	.35	42	4.9
Q29 Evaluate the instructor's RAPPORT WITH STUDENTS.	34	8	0	0	0	4.9	5	.39	42	4.8
Q30 Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	34	8	0	0	0	4.9	5	.39	42	4.8
Q31 Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	38	4	0	0	0	4.9	5	.29	42	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: 69.77% (30 of 43)

- Professor Melloch is a godsend to the ECE department. He is always early and well-prepared for class. He makes students feel welcome to visit him with questions. He actually teaches us and doesn't try to kill or bash us on the head with near impossible work. I have learned more in this class than other courses like ECE 255.
- Professor Melloch was a fantastic instructor who was a great teacher and very helpful outside of class as well.
- excellent teacher, really wants to help us learn and understand the material, gives lots of outside help if needed
- I love Prof. Melloch and his methods of teaching and testing. He really helped me understand the material and increase my GPA by making a lot of extra credit activities available. He was also very helpful outside class and the lunch with the students showed that he really cared. A great professor!
- My only suggestion would be to get the students more actively involved in the lectures with interesting in class activities or by using clickers.
- I really like this instructor, he does everything to help us understand the class material.
- The instructor prepared well for lectures and presented course material clearly. He is passionate about teaching and very helpful outside class.

- He cared about his students and really put in effort to help students learn. The class is fun with all the little self-made experiments he did in class. Very nice professor and nice class!
- He's always ready to teach. An approachable and helpful teacher.
- Professor Melloch is a model professor in every sense.

- I really like the amount of time you put into the course, you attempted to answer every question in a way that would be easy to understand. The videos were really great too, because I always like to make a connection to a model in my head when thinking through problems and the videos helped to build a deeper understanding beyond that of a typical lecture.

- Professor Melloch is a humble to ground instructor. He always helps students as much as he can, even holds additional office hours during the week of examination. His objective of teaching is for all of us to learn the materials. His passionate in electromagnetic is obvious, when he demonstrates simple experiments that could be explained with concepts in the course. Overall he is a wonderful professor!

- Professor Melloch is a very good professor. He makes sure that we fully understand the material, and even make efforts to send outside materials to enhance our understanding. He's available and very helpful during this office hours.

Honestly, Professor Melloch is hands down the best instructor I've had at Purdue University.

He stands far above the other ECE professors because he cares about his students.

- He's always willing to make time for his students and help them through the course material.

Another thing I really enjoy about Professor Melloch is that he always looking for ways to improve the course.

He encourages students to challenge him with questions during class to have lectures more interactive.

- He does a very good job in teaching as well as providing help!

- Greatest Instructor by far! Teaching with passion

- Previous exams helps a lot!

- Best professor for all classes i have taken before

- Prof. Melloch is GREAT!

- best professor

- Only suggestion is to find a way of better interacting with students instead of just presenting material. Perhaps integrate in class question/discussion with i-clicker to get more student involvement.

- Professor Melloch is the best professor at Purdue. He is extremely helpful. It is very clear that he is very enthusiastic about teaching. He is always well prepared for the lectures. I would advise everyone to take ECE 311 and ECE 305 with Professor Melloch.

- Best professor i've had at Purdue.

- Was enthusiastic. Got to know his students and was really friendly. Was prepared and knew the material. Made the class fun and interesting.

- One of the best instructor that'd taught me in Purdue University. He is very enthusiastic in teaching new concepts.

- Best Professor ever met.

- Best professor EVER!

- Overall , an excellent instructor. He takes a lot of interest in teaching the class.

- I like your in lab experiment. It helps a lot in understanding the material. Thank you so much for teaching us this wonderful material.

- Absolutely great instructor. Very organized for every lecture, and provides incentives for learning opportunities from missed exam problems. Best professor I have had at Purdue so far.

- Great professor that cares for his students. So nice to have an instructor that not only can teach the material, but also can speak English.

- Simply the best teacher i wish he had taught other ECE classes for us