

ECE Standard Lecture Survey  
FA09 2009Purdue University  
West Lafayette

Course: ECE31100 1 - Elec &amp; Magnetic Fields

Department: ECE

Resp. Rec'd / Expected: 23 / 37

## ECE31100 - 1

Demographics	Responses						Course				
	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	0	0	12	11	0	0	3.5	3	.50	23	3.5
Responses: [F] Fresh=1 [S] Soph=2 [J] Jr=3 [S] Sr=4 [G] Grad=5 [O] Other=6											

## ECE31100 - 1

Demographics	Responses		Course				
	[F]	[M]	Grp. Med.	Mode	S.D.	N	Mean
Q2 YOUR GENDER	3	20	1.9	2	.34	23	1.9
Responses: [F] Female=1 [M] Male=2							

## ECE31100 - 1

Demographics	Responses											Course			
	[A]	[C]	[E]	[E]	[L]	[M]	[P]	[S]	[T]	[VM]	[U]	Grp. Med.	Mode	S.D.	Mean
Q3 YOUR SCHOOL	0	0	0	23	0	0	0	0	0	0	0	4	4	0	4
Responses: [A] AG=1 [C] CFS=2 [E] ED=3 [E] ENGR=4 [L] LA=5 [M] MGMT=6 [P] PHARM/NURS/HLS=7 [S] SCI=8 [T] TECH=9 [VM] VET MED=10 [U] UNDECLARED=11															

## ECE31100 - 1

Demographics	Responses								Course			
	[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q4 EXPECTED GRADE	8	9	5	0	0	1	0	6.1	6	1.12	23	6
Responses: [A] A=7 [B] B=6 [C] C=5 [D] D=4 [F] F=3 [P] Pass=2 [F] Fail=1												

## ECE31100 - 1

Demographics	Responses			Course				
	[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q5 COURSE REQUIRED	23	0	0	1	1	0	23	1
Responses: [RF] Required for your major/minor=1 [RB] Required by school/University=2 [E] Elective=3								

## ECE31100 - 1

University questions about your course	Responses					Course				
	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q6 Overall, I would rate this course as:	11	12	0	0	0	4.5	4	.50	23	4.5
Responses: [E] Excellent=5 [G] Good=4 [F] Fair=3 [P] Poor=2 [VP] Very Poor=1										

Melloch, Michael R

Responses

Individual

## University questions about your instructor

	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q7 Overall, I would rate this instructor as:	18	5	0	0	0	4.9	5	.41	23	4.8

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

## ECE31100 - 1

## ECE Standard questions about course

ECE Standard questions about course	Responses								Course				
	[E]	[C]	[M]	[M]	[A]	[I]	[C]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q8. What is your MAJOR?	22	1	0	0	0	0	0	0	8	8	.20	23	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 - 1

## ECE Standard questions about course

ECE Standard questions about course	Responses						Course			
	[A]	[B]	[C]	[D]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q9. What is your current GPA?	6	6	10	1	0	2.4	3	.90	23	2.3

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 - 1

## ECE Standard questions about course

	Responses						Course				
	[A]	[B]	[C]	[D]	[E]	[>]	Grp. Med.	Mode	S.D.	N	Mean
Q10 What is the average number of out-of-class HOURS/WEEK you devote to the lecture portion of the class?	3	11	9	0	0	0	2.3	2	.67	23	2.3

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

## ECE31100 - 1

## ECE Standard questions about course

ECE Standard questions about course	Responses						Course				
	[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean	
Q11 Please evaluate the CONTENT OF THIS COURSE.	9	14	0	0	0	4.3	4	.49	23	4.4	
Q12 Evaluate the ORGANIZATION OF THIS COURSE.	15	8	0	0	0	4.7	5	.48	23	4.7	
Q13 Evaluate the ADMINISTRATION OF THIS COURSE.	14	8	1	0	0	4.7	5	.58	23	4.6	
Q14 Evaluate the AVAILABILITY OF OUTSIDE HELP.	18	5	0	0	0	4.9	5	.41	23	4.8	
Q15 Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	9	14	0	0	0	4.3	4	.49	23	4.4	
Q16 Evaluate the COURSE TEXT.	8	12	3	0	0	4.2	4	.66	23	4.2	
Q17 Evaluate the SUPPLEMENTAL COURSE NOTES.	13	10	0	0	0	4.6	5	.50	23	4.6	
Q18 Evaluate the HOMEWORK ASSIGNMENTS.	11	12	0	0	0	4.5	4	.50	23	4.5	
Q19 Evaluate the EXAMS.	12	10	1	0	0	4.5	5	.58	23	4.5	
Q20 Evaluate the QUIZZES.	9	8	3	0	1	4.3	5	.99	21	4.1	
Q21 Evaluate the PROJECTS.	10	7	3	0	1	4.4	5	1.01	21	4.2	
Q22 Please evaluate the LAB EXPERIMENTS.	9	7	4	0	1	4.3	5	1.02	21	4.1	
Q23 Evaluate the CLARITY OF COURSE OUTCOMES.	10	11	1	0	0	4.4	4	.58	22	4.4	
Q24 Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	9	13	0	0	0	4.3	4	.49	22	4.4	

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

## Q25 - Please make comments, positive or negative about the course.

Response Rate: 26.09% (6 of 23)

- Course is very good. Professor Melloch is even better.
- Since I did not do well in PHYS 272, this course was very effective in reviewing the materials in PHYS 272. It also covered some new E&M theory that was very interesting.

- This course does not include lab experiments, projects, quizzes, and outcomes.
  - The course was made easy by Prof Melloch so all credit goes to him.
- EE 311 was good, the posted hw solutions and past exams were great tools to prepare for the exams.
- However, I would have preferred that the homework assignments provide a little more problems, perhaps slightly more thorough problems, to have more things to study for the exams.
  - Organized properly by the instructor.

ECE Standard questions about instructor		Melloch, Michael R									
		Responses					Individual				
		[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q26	Evaluate the instructor's PREPARATION FOR LECTURE.	17	6	0	0	0	4.8	5	.44	23	4.7
Q27	Evaluate the instructor's CLARITY OF PRESENTATION.	18	5	0	0	0	4.9	5	.41	23	4.8
Q28	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	17	5	1	0	0	4.8	5	.55	23	4.7
Q29	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	20	3	0	0	0	4.9	5	.34	23	4.9
Q30	Evaluate the instructor's RAPPORT WITH STUDENTS.	19	4	0	0	0	4.9	5	.38	23	4.8
Q31	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	18	5	0	0	0	4.9	5	.41	23	4.8
Q32	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	18	5	0	0	0	4.9	5	.41	23	4.8

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

### Q33 - Please make comments, positive or negative, about the instructor.

Faculty: Melloch, Michael R

Response Rate: 52.17% (12 of 23)

- The best Professor I have had so far. It is a pleasre to be in your class.
  - Prof. Melloch is great!
  - Amazing teacher, best I have had in college.
  - Makes good use of examples and overhead
  - He has been a real good professor and probably one of the best so far in my EE experience.
  - Prof.Melloch is an excellent instructor. I especially appreciate his patience in answering even the most trivial doubts.
- Professor Melloch is very approachable, and he is very good at answering questions. His lectures are very appropriate to the material covered, and his exams are of appropriate difficulty. He grades the homeworks and exams very quickly, which is a plus. He also utilizes Blackboard more effectively than any other professor that I have had.
- Firstly, regardless of what grade I obtain in the course, I would say Professor Melloch is the best I have had at Purdue. I appreciate A LOT the time he takes in lecture to verify queries posed by students even if it amounts to spending 5 minutes over something. Moreover, he is always prepared, on time and pretty precise about what he expects us to learn. He is to the point which is very helpful to keep the class alert. Moreover, his exams are over material that we have gone over and thus helps enhance our understanding of the course more than just prepare for exams and forget about the material. Professor Melloch has always opened the floor to questions. I myself have asked a lot of questions, but he NEVER puts any question down and always tries to provide an answer to the point.
- One of my favorite Professors thus far at purdue. Always willing to help and make time for students.
  - The instructor made it easy for us to understand the course mainly because he would explain the basics very well.
- Prof. Melloch has been for sure one of the better professors I've had at purdue. I do prefer his method of starting from scratch and writing down notes as the lecture goes on versus what others do, and that is to use pre-written slides. The wave note guides have been an invaluable resource in contrast with the text, which by the way did not convey info extremely clearly or at times seemed too abbreviated with the derivations, in the waves topics particularly.
- Excellent instructor.

ENGR Added to all ENGR courses		ECE31100 - 1							
		Responses				Course			
		[SA]	[A]	[SD]	Grp. Med.	Mode	S.D.	N	Mean
Q34	A procedure for conducting the course remotely was tested early in the semester.	4	11	6	2.1	2	.68	21	2.1

Responses: [SA] Strongly Agree=1 [A] Agree=2 [SD] Strongly Disagree=3

Melloch, Michael R

## ENGR Added to all ENGR courses - Instructor

		Responses				Individual			
		[SA]	[A]	[SD]	Grp. Med.	Mode	S.D.	N	Mean
Q35	Information on emergency procedures was included in the syllabus, and the instructor discussed it in class.	12	10	1	1.5	1	.58	23	1.5
Q36	Definitions of cheating or plagiarism and consequences of those actions were included in the syllabus, and the instructor discussed them in class.	14	9	0	1.3	1	.49	23	1.4
Q37	Information on how class will be conducted in the event of a major campus emergency was included in the syllabus, and the instructor discussed it in class.	13	9	1	1.4	1	.58	23	1.5

Responses: [SA] Strongly Agree=1 [A] Agree=2 [SD] Strongly Disagree=3