

ECE Standard Lecture Survey
SP11 2011Purdue University
West Lafayette

Course: ECE30500 FNY - Semiconductor Devices

Department: ECE

Resp. Rec'd / Expected: 32 / 60

ECE30500 - FNY

Demographics	Responses						Course				
	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	0	0	18	14	0	0	3.4	3	.50	32	3.4

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

ECE30500 - FNY

Demographics	Responses											Course			
	[A]	[C]	[E]	[E]	[L]	[M]	[P]	[S]	[T]	[VM]	[U]	Grp. Med.	Mode	S.D.	Mean
Q2 YOUR SCHOOL	0	0	0	32	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

ECE30500 - FNY

Demographics	Responses								Course			
	[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q3 EXPECTED GRADE	18	10	4	0	0	0	0	6.6	7	.70	32	6.4

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

ECE30500 - FNY

Demographics	Responses					Course					
	[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean			
Q4 COURSE REQUIRED	21	2	9	1.3	1	.89	32	1.6			

Responses:

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

ECE30500 - FNY

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	9	1	0	0	4.8	5	.54	32	4.7	

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

Melloch, Michael R

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:	27	5	0	0	0	4.9	5	.36	32	4.8	

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

ECE30500 - FNY

Responses Course

ECE Standard questions about course

	[E]	[C]	[M]	[M]	[A]	[I]	[C]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q7 What is your MAJOR?	30	0	0	2	0	0	0	0	8	8	.73	32	7.8
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													

ECE30500 - FNY

ECE Standard questions about course

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?	7	11	12	1	0	2.3	3	.83	31	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										

ECE30500 - FNY

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 the average number of out-of-class HOURS/WEEK you devote to the lecture portion of the class?	4	14	12	2	0	0	2.4	2	.78	32	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											

ECE30500 - FNY

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.	14	16	2	0	0	4.4	4	.60	32	4.4			
Q11 Evaluate the ORGANIZATION OF THIS COURSE.	23	9	0	0	0	4.8	5	.45	32	4.7			
Q12 Evaluate the ADMINISTRATION OF THIS COURSE.	25	7	0	0	0	4.9	5	.41	32	4.8			
Q13 Evaluate the AVAILABILITY OF OUTSIDE HELP.	27	4	1	0	0	4.9	5	.46	32	4.8			
Q14 Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	18	11	3	0	0	4.6	5	.66	32	4.5			
Q15 Evaluate the COURSE TEXT.	17	9	6	0	0	4.6	5	.77	32	4.3			
Q16 Evaluate the SUPPLEMENTAL COURSE NOTES.	18	9	2	1	1	4.6	5	.97	31	4.4			
Q17 Evaluate the HOMEWORK ASSIGNMENTS.	18	12	1	0	0	4.6	5	.56	31	4.5			
Q18 Evaluate the EXAMS.	19	11	1	1	0	4.7	5	.71	32	4.5			
Q19 Evaluate the QUIZZES.	14	11	4	0	1	4.4	5	.92	30	4.2			
Q20 Evaluate the PROJECTS.	13	11	6	0	0	4.3	5	.76	30	4.2			
Q21 Please evaluate the LAB EXPERIMENTS.	11	11	6	0	2	4.1	4,5	1.08	30	4			
Q22 Evaluate the CLARITY OF COURSE OUTCOMES.	18	8	5	0	1	4.6	5	.95	32	4.3			
Q23 Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	18	8	5	0	1	4.6	5	.95	32	4.3			

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: 37.50% (12 of 32)

- So much material is hard to grasp, but the instructor did a good job of distributing it.
- This is my favorite course in Electrical Engineering. It is concise, focused on pertinent subjects to EEs, and very interesting.
- Great course, I'm looking forward to taking more courses in this field.
- This course was really good because of the way Melloch went the extra mile to help teach and organize the material.
- The 2 sections under the 2 different professors should not be so disconnected in terms of the teaching and difficulty level of exams and homeworks.
- :)
- Excellent course. The material is presented in a way that it all flows together.
- It is good that the course focused on the abstract concepts rather than on computations.
- its good

- The class was very interesting. Ever since i started learning about transistors and diodes, i'd always wondered how they worked, and now i know!
- I believe there could have been more time on MOSFET and some of time that was spent on the MOSC could have been cut down.
- I think after a while it felt like we just kept looking at slight variations of a similar model, and kind of made the class monotonous and boring.

		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.	28	3	1	0	0	4.9	5	.44	32	4.8
Q26	Evaluate the instructor's CLARITY OF PRESENTATION.	25	6	1	0	0	4.9	5	.50	32	4.8
Q27	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	26	4	2	0	0	4.9	5	.56	32	4.8
Q28	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	30	2	0	0	0	5	5	.24	32	4.9
Q29	Evaluate the instructor's RAPPORT WITH STUDENTS.	28	4	0	0	0	4.9	5	.33	32	4.9
Q30	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	25	6	1	0	0	4.9	5	.50	32	4.8
Q31	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	27	4	1	0	0	4.9	5	.46	32	4.8

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: 50.00% (16 of 32)

- One of the best I've had here at Purdue. I spend lots of time with him because it's available and useful as well as entertaining sometimes.
- Best lecturer I've had at Purdue, and also one of the easiest to approach and ask questions.
- This instructor is available more often than any other professor I have ever had. He explains things very nicely, and different ways if confusion still exists. IF you can not learn the material from Professor Melloch, I do not believe you will ever understand it.
- This instructor is my favorite in EE, his lectures clarify the text materials, and his exams are related to his homework assignments and the text.
- Melloch is the best professor I have had at Purdue. Love the way the way he engages the students and takes the time to make sure everyone understands everyone. I also liked the lunches he does with his students. Makes class more personable, which is hard to do in such a large school. I would love to take another class from Prof. Melloch.
- Enjoyed the course a lot, and considering it was at 8:30 in the morning, the instruction was definitely good because I kept going to class even that early.
- He is the best I have had here at Purdue. He is always there and invites to himself to help at all times.
- Prof.Melloch is the best instructor in our school.
- Professor Melloch took a real effort to establish a rapport with the students (lunches) and get them to be excited about the class. He is by far the best electrical engineering instructor I have ever had, by teaching everything you need to know to do well in the class and retain a lot from the course for the rest of your life.
- However you should put up your handouts on blackboard. To encourage attendance there should be some extra credit quizzes. There should be 3 midterms and a comprehensive final like other EE electives have, so there are more opportunities to undo a bad score.
- I cannot find a better teacher on campus who is motivated to make sure the students learn the material.
- Excellent instructor, he really puts forth a considerable amount of effort because he cares about the success of his students.
- It would have been nice if it were more clear what we should write in our notes and what was just background info.
- Still, Dr. Melloch is easily one of the best professors I have ever had. His enthusiasm for teaching and answering any questions we had in class or in office hours truly helped me learn the material better. Also, I really appreciate when any professor tries to learn students names, as Dr. Melloch did.
- Great professor, notes using illustration and handouts are great supplements. Great availability outside of class. One of the best professors I had at purdue!
- he said he wanted it to be the best classroom experience i would have at purdue. I think he did that.
- Instructor was very good, I do believe that if he had used power point slide that may have made the handouts less confusing when looking back at the when trying to study for the material. Though over all this is a very small issue.
- Great guy, cares about the students, reaches out to get to know his class. Made sure the students were well prepared for the exams. Fastest grading of non-scantron exams out of any professor I have had. Sometimes was hard to stay awake in class due to the nature of the material, and sometimes hard to take notes with motion slides on the overhead, but did help with explanation.

