

ECE Standard Lecture Survey  
SP10 2010Purdue University  
West Lafayette

Course: ECE30500 2 - Semiconductor Devices

Department: ECE

Resp. Rec'd / Expected: 32 / 58

## ECE30500 - 2

## Demographics

## Responses

## Course

	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	0	1	16	14	1	0	3.4	3	.61	32	3.5

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

## ECE30500 - 2

## Demographics

## Responses

## Course

	[F]	[M]	Grp. Med.	Mode	S.D.	N	Mean
Q2 YOUR GENDER	3	28	1.9	2	.30	31	1.9

Responses: [F] Female=1 [M] Male=2

## ECE30500 - 2

## Demographics

## Responses

## Course

	[A]	[C]	[E]	[E]	[L]	[M]	[P]	[S]	[T]	[VM]	[U]	Grp. Med.	Mode	S.D.	N	Mean
Q3 YOUR SCHOOL	0	0	0	32	0	0	0	0	0	0	0	4	4	0	32	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 - 2

## Demographics

## Responses

## Course

	[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q4 EXPECTED GRADE	17	11	3	1	0	0	0	6.6	7	.78	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 - 2

## Demographics

## Responses

## Course

	[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q5 COURSE REQUIRED	24	1	7	1.2	1	.83	32	1.5

Responses:

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

## ECE30500 - 2

## 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:	15	15	2	0	0	4.4	4.5	.61	32	4.4

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:	26	6	0	0	0	4.9	5	.39	32	4.8

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

## ECE30500 - 2

## 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?	31	0	0	0	0	0	0	1	8	8	1.22	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 - 2

## 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?	9	11	10	2	0	2.1	2	.91	32	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 - 2

## ECE Standard questions about course

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?	4	16	9	3	0	0	2.3	2	.81	32	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

## ECE30500 - 2

## 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.	16	14	2	0	0	4.5	5	.61	32	4.4	
Q12 Evaluate the ORGANIZATION OF THIS COURSE.	15	14	3	0	0	4.4	5	.65	32	4.4	
Q13 Evaluate the ADMINISTRATION OF THIS COURSE.	19	11	2	0	0	4.7	5	.61	32	4.5	
Q14 Evaluate the AVAILABILITY OF OUTSIDE HELP.	22	9	1	0	0	4.8	5	.54	32	4.7	
Q15 Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	14	14	3	1	0	4.4	4,5	.76	32	4.3	
Q16 Evaluate the COURSE TEXT.	11	16	1	2	2	4.2	4	1.09	32	4	
Q17 Evaluate the SUPPLEMENTAL COURSE NOTES.	17	10	4	1	0	4.6	5	.81	32	4.3	
Q18 Evaluate the HOMEWORK ASSIGNMENTS.	16	13	3	0	0	4.5	5	.65	32	4.4	
Q19 Evaluate the EXAMS.	15	12	4	0	0	4.5	5	.70	31	4.4	
Q20 Evaluate the QUIZZES.	8	8	13	0	0	3.7	3	.83	29	3.8	
Q21 Evaluate the PROJECTS.	8	7	14	0	0	3.6	3	.85	29	3.8	
Q22 Please evaluate the LAB EXPERIMENTS.	7	6	15	0	0	3.4	3	.84	28	3.7	
Q23 Evaluate the CLARITY OF COURSE OUTCOMES.	12	17	3	0	0	4.3	4	.62	32	4.3	
Q24 Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	13	17	2	0	0	4.3	4	.59	32	4.3	

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: 21.88% (7 of 32)

- This course is very well organized. The homework is hard enough to get you to think and to help you learn the material without being so hard that it is unnecessarily time consuming. Also, the level of difficulty of the homework and exams match well, which is something that some courses do not have.
- Great Teacher!

- The handouts are very useful, especially for figures and long derivations.
- Could not really rate labs and projects as we had none.
- This course might as well take the place of 255, but with a much deeper understanding of the devices.
- Was pretty easy to follow most of the material up until about transistors, where it seems many people (myself included) just sorta got lost in the woods.
- Well taught, fairly easy given that there is not as much material covered as a typical engineering course.

		Melloch, Michael R									
ECE Standard questions about instructor		Responses					Individual				
		[E]	[G]	[F]	[P]	[VP]	Grp. Med.	Mode	S.D.	N	Mean
Q26	Evaluate the instructor's PREPARATION FOR LECTURE.	23	9	0	0	0	4.8	5	.45	32	4.7
Q27	Evaluate the instructor's CLARITY OF PRESENTATION.	19	13	0	0	0	4.7	5	.49	32	4.6
Q28	Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	19	12	1	0	0	4.7	5	.56	32	4.6
Q29	Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	24	7	1	0	0	4.8	5	.51	32	4.7
Q30	Evaluate the instructor's RAPPORT WITH STUDENTS.	21	9	1	0	0	4.8	5	.54	31	4.6
Q31	Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	25	7	0	0	0	4.9	5	.41	32	4.8
Q32	Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	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

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

Faculty: Melloch, Michael R

Response Rate: 31.25% (10 of 32)

- This is the absolute best instructor that I have had in my entire college career. I wish that he could teach every single one of my classes. He is prepared, presents well, sincerely enjoys teaching, is helpful, etc. I would seriously consider taking a class simply on the grounds of him being the instructor for the course.
- Professor always shows up organized and eager to teach. Professor is very easy to talk to, and office hours are very helpful. Professor is always available to answer questions.
  - When putting notes on the board, please put labels of the topic before writing notes. It would make it easier when studying and refering to my notes if I had the title of the topic.
  - Very friendly, helpful and explains the material extremely well.
  - Definitely the best professor I have had in my opinion at Purdue. Really wonderful way of presenting material to the class.
  - Prof. Melloch was a great instructor. He was always prepared and his notes really helped throuout the course. Always answered to questions.
- Finally a good professor in ece. There are many positive things to say, but i will only include a few, because i would thing negatives are more useful. Class handouts are great, homework assignments reflect the exams and lectures very well, the lectures are greatly helpful to go to. During some of the more challenging information we have had towards the end of the semester there have been times where "i think" the class was very lost and you sort of knew that they were, and commented for us to ask questions about what is confusing to us. I think that entire section was a confusing part and it is tough to pinpoint a lead off question from where we got lost in the first place. I think at that point going over a sample problem would have been a great way to find out where we were struggling.
- Professor Melloch's willingness to make himself available to his students with set office hours every day of the week plus just about whenever else he's in his office is reatly helpful.
  - Good at answering questions, but unfortunately we all sorta got lost at the end anyway.
  - Makes himself very available, good at explaining the course material.