ECE Standard LEC Survey
SP14 2014

Purdue University
West Lafayette

Course: ECE31100 003 - Elec & Magnetic Fields

Department: ECE

Responses / Expected: 26 / 57

ECE31100 - 003

1a - Demographics			Responses						Course			
	[F]	[S]	[J]	[S]	[G]	[O]	Grp. Med.	Mode	S.D.	N	Mean
Q1 YOUR CLASS	0	0	19	7	0	0	**3.2**	3	.44	**26**	**3.3**

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

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1a - Demographics			Responses						Course			
	[A]	[B]	[C]	[D]	[F]	[P]	[F]	Grp. Med.	Mode	S.D.	N	Mean
Q2 EXPECTED GRADE	21	3	1	1	0	0	0	**6.9**	7	.72	**26**	**6.7**

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		Responses			Course			
	[RF]	[RB]	[E]	Grp. Med.	Mode	S.D.	N	Mean
Q3 COURSE REQUIRED	25	1	0	**1**	1	.19	**26**	**1**

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

ECE31100 - 003

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	26	0	0	0	0	0	0	0	0	**9**	9	0	**26**	**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:	23	3	0	0	0	**4.9**	5	.32	**26**	**4.9**

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:	24	2	0	0	0	**5**	5	.27	**26**	**4.9**

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?	26	0	0	0	0	0	0	0	**8**	8	0	**26**	**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 - 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?	11	7	6	2	0	**1.8**	1	.98	**26**	**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?	4	11	7	3	1	0	**2.3**	2	1.01	**26**	**2.5**

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	3	0	0	0	4.9	5	.32	26	4.9
Q11 Evaluate the ORGANIZATION OF THIS COURSE.	25	1	0	0	0	5	5	.19	26	5
Q12 Evaluate the ADMINISTRATION OF THIS COURSE.	25	1	0	0	0	5	5	.19	26	5
Q13 Evaluate the AVAILABILITY OF OUTSIDE HELP.	24	2	0	0	0	5	5	.27	26	4.9
Q14 Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	22	4	0	0	0	4.9	5	.36	26	4.8
Q15 Evaluate the COURSE TEXT.	17	7	1	0	0	4.8	5	.56	25	4.6
Q16 Evaluate the SUPPLEMENTAL COURSE NOTES.	22	4	0	0	0	4.9	5	.36	26	4.8
Q17 Evaluate the HOMEWORK ASSIGNMENTS.	20	5	0	0	0	4.9	5	.40	25	4.8
Q18 Evaluate the EXAMS.	21	5	0	0	0	4.9	5	.39	26	4.8
Q19 Evaluate the QUIZZES.	19	3	3	0	0	4.8	5	.69	25	4.6
Q20 Evaluate the PROJECTS.	18	3	3	0	1	4.8	5	.98	25	4.5
Q21 Please evaluate the LAB EXPERIMENTS.	18	3	3	0	1	4.8	5	.98	25	4.5
Q22 Evaluate the CLARITY OF COURSE OUTCOMES.	20	5	0	0	0	4.9	5	.40	25	4.8
Q23 Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	21	5	0	0	0	4.9	5	.39	26	4.8

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: 23.08% (**6** of **26**)

- This course has a lot of notes that are easy to understand

- The homework is not difficult yet not easy to do.

- A lot of reading required but it is helpful

- Easy access to professor

This course is efficiently planned and administrated. The topics led into one another very well as the semester progressed, and it was very easy to understand the material an build from topic to topic. Also, the use of in-class notes as opposed to utilizing the textbook was much easier to understand.

- It help me gain more interest to learn more about electrical engineering

- This course is really nice

Insightful derivations of basic concepts like inductance and capacitance from a completely theoretical perspective. Gives new insight into electronics and their behaviors.

- Great course to learn about electromagnetic. A lot of applying science involved in the course of the materials.

		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.	24	2	0	0	0	**5**	5	.27	**26**	**4.9**
Q26 Evaluate the instructor's CLARITY OF PRESENTATION.	23	3	0	0	0	**4.9**	5	.32	**26**	**4.9**
Q27 Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	24	2	0	0	0	**5**	5	.27	**26**	**4.9**
Q28 Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	23	3	0	0	0	**4.9**	5	.32	**26**	**4.9**
Q29 Evaluate the instructor's RAPPORT WITH STUDENTS.	24	2	0	0	0	**5**	5	.27	**26**	**4.9**
Q30 Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	24	2	0	0	0	**5**	5	.27	**26**	**4.9**
Q31 Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	24	2	0	0	0	**5**	5	.27	**26**	**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: 38.46% **(10** of **26)**

- Love the extra credit sessions, it makes me go over what concepts I missed

- Professor is very helpful in office hours, willing to spend time to help with homework and missed content in class

Prof. Melloch is an extremely good professor. I feel as though I could ace any class if he was the professor, regardless of topic. He puts in an extraordinary amount of effort into teaching in a way that is truly conducive to students learning and retaining the material. His administration of the course (only exams + HW is extra credit) also contributes to a learning environment that is less bureaucratic and more focused on learning. Overall, I think that he may be the best professor that I have had at Purdue and I would enjoy to take another class of his.

Really appreciate the multitude of in-class demos. Teaches the "how","why", and derivations behind each and every equation you use. The equations weren't just symbols that "just worked" but when working out a problem I could visualize what is happening from the in-class demos and then relating it to how to calculate an outcome.

- He helps me to go through all course materials. it was awesome

- Great professor. Very helpful.

- He is well prepared for every lecture and he can explain very well for each topic

- One of the best professors that I have had while at Purdue.

Best professor I have ever had. He genuinely cares about his students and is very concerned that they understand the material and LEARN it rather than just MEMORIZING it for the exam.

- Prof. Melloch gives great descriptions of theoretical concepts and concrete, applicable examples. Would take again.