

**ECE Standard LEC Survey  
SP15 (2015)**

**Purdue University  
West Lafayette**

**Course:** ECE31100 003 - Elec & Magnetic Fields

**Department:** ECE

**Responses / Expected:** 20 / 52

**ECE31100 - 003**

**1a - Demographics**

	Responses							Course		
	F	S	JR	SR	G	O	N	Grp Med	Mode	Std Dev
<b>Q1</b> YOUR CLASS	0	0	17	3	0	0	20	3.1	3	.36

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

**ECE31100 - 003**

**1a - Demographics**

	Responses							Course			
	A	B	C	D	F	P	F	N	Grp Med	Mode	Std Dev
<b>Q2</b> EXPECTED GRADE	18	0	2	0	0	0	0	20	6.9	7	.60

**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		
	RFY	RBS	E	N	Grp Med	Mode	Std Dev
<b>Q3</b> COURSE REQUIRED	20	0	0	20	1.0	1	0

**Responses:** [RFY] Required for your major/minor=1 [RBS] Required by school/University=2 [E] Elective=3

**ECE31100 - 003**

**1a - Demographics**

	Responses												Course		
	AG	ED	E	HHS	LA	M	P	SCI	T	VM	U	N	Grp Med	Mode	Std Dev
<b>Q4</b> YOUR SCHOOL	0	0	20	0	0	0	0	0	0	0	0	20	9.0	9	0

**Responses:** [AG] AG=11 [ED] ED=10 [E] ENGR=9 [HHS] HHS=8 [LA] LA=7 [M] MGMT=6 [P] PHARM=5 [SCI] 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	N	Grp Med	Mode

**Q5** Overall, I would rate this course as: 16 4 0 0 0 **20** **4.9** 5 .40  
**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	N	Grp Med	Mode	Std Dev
<b>Q6</b> Overall, I would rate this instructor as:	19	1	0	0	0	<b>20</b>	<b>5.0</b>	5	.22

**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		
	EE	C	ME	MSE	AAE	IE	CS	O	N	Grp Med	Mode	Std Dev
<b>Q7</b> What is your MAJOR?	19	0	1	0	0	0	0	0	<b>20</b>	<b>8.0</b>	8	.44

**Responses:** [EE] EE=8 [C] CmpE=7 [ME] ME=6 [MSE] MSE=5 [AAE] AAE=4 [IE] IE=3 [CS] CS=2 [O] Other=1

**ECE31100 - 003**

**ECE Standard questions about course**

	Responses						Course		
	4	3	2	2	1	N	Grp Med	Mode	Std Dev
<b>Q8</b> What is your current GPA?	11	3	6	0	0	<b>20</b>	<b>1.4</b>	1	.89

**Responses:** [4] 4.00-3.50=1 [3] 3.49-3.00=2 [2] 2.99-2.50=3 [2] 2.49-2.00=4 [1] 1.99-1.00=5

**ECE31100 - 003**

**ECE Standard questions about course**

	Responses							Course		
	1-2	3-4	5-6	7-9	1	>12	N	Grp Med	Mode	Std Dev
<b>Q9</b> What is the average number of out-of-class HOURS/WEEK you devote to the lecture portion of the class?	0	13	7	0	0	0	<b>20</b>	<b>2.3</b>	2	.48

**Responses:** [1-2] 1-2=1 [3-4] 3-4=2 [5-6] 5-6=3 [7-9] 7-9=4 [1] 10-12=5 [>12] >12=6

**ECE31100 - 003**

**ECE Standard questions about course**

	Responses						Course		
	E	G	F	P	VP	N	Grp Med	Mode	Std Dev
<b>Q10</b> Please evaluate the CONTENT OF THIS COURSE.	14	6	0	0	0	<b>20</b>	<b>4.8</b>	5	.46
<b>Q11</b> Evaluate the ORGANIZATION OF THIS COURSE.	16	4	0	0	0	<b>20</b>	<b>4.9</b>	5	.40
<b>Q12</b> Evaluate the ADMINISTRATION OF THIS COURSE.	17	3	0	0	0	<b>20</b>	<b>4.9</b>	5	.36
<b>Q13</b> Evaluate the AVAILABILITY OF OUTSIDE HELP.	19	1	0	0	0	<b>20</b>	<b>5.0</b>	5	.22

<b>Q14</b> Evaluate the UTILIZATION OF BACKGROUND PROVIDED BY PREREQUISITES.	11	9	0	0	0	<b>20</b>	<b>4.6</b>	5	.50
<b>Q15</b> Evaluate the COURSE TEXT.	7	6	5	0	0	<b>18</b>	<b>4.2</b>	5	.81
<b>Q16</b> Evaluate the SUPPLEMENTAL COURSE NOTES.	14	4	1	0	0	<b>19</b>	<b>4.8</b>	5	.57
<b>Q17</b> Evaluate the HOMEWORK ASSIGNMENTS.	15	5	0	0	0	<b>20</b>	<b>4.8</b>	5	.43
<b>Q18</b> Evaluate the EXAMS.	16	4	0	0	0	<b>20</b>	<b>4.9</b>	5	.40
<b>Q19</b> Evaluate the QUIZZES.	10	8	0	0	0	<b>18</b>	<b>4.6</b>	5	.50
<b>Q20</b> Evaluate the PROJECTS.	10	7	1	0	0	<b>18</b>	<b>4.6</b>	5	.60
<b>Q21</b> Please evaluate the LAB EXPERIMENTS.	11	7	0	0	0	<b>18</b>	<b>4.7</b>	5	.49
<b>Q22</b> Evaluate the CLARITY OF COURSE OUTCOMES.	13	6	0	0	0	<b>19</b>	<b>4.8</b>	5	.46
<b>Q23</b> Evaluate the APPROPRIATENESS OF COURSE OUTCOMES.	13	6	0	0	0	<b>19</b>	<b>4.8</b>	5	.46

**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: 55.00%** (11 of 20)

- This course is really good. The basic foundation of electromagnetic wave is important. But if any specific case study can be learned, that will be more helpful, such as MRI mechanism or..... Maybe on a question of exam, there can be a problem asking you to explain a product related to electromagnetic. You can be told before to get prepared on it. And this question can kind of 'extra credit' since it is hard to find a way that how to take off points. But it would be helpful for studying since it can let student get to know the relationship between the theory and their interested application.
- This was an excellent and interesting course.
  - very nice course to take!
  - P.S. I hope Prof can do a brief summary of the massive concepts and equations and bring the connections of them before every exam. I think this will be really helpful to students review and prepare for exam.
  - Favorite class
  - Very good class
  - Professor is very helpful.
  - Very nice course
- Overall the course was very structured and it was clear what concepts needed to be known for each exam. The practice tests were very helpful for studying which was great. Homework was parallel with the material we were learning and
- helped for studying for the exams. The points back on a question for each exam is a great idea, because it makes you take a second look at your exam and make sure you understand the topic you got wrong. I know for other classes, I would possibly never look at my old exams again.
  - Really fun class and useful
  - The course does teach us a lot knowledge about Electric And Magnetic Fields, and we could apply them in lab or real life. But I think the final exam covers too much material.
  - The course is good, I learned a good amount. I feel like I simply got through physics 272. Now I understand the material.

**Melloch, Michael R**

**ECE Standard questions about instructor**

**Responses**

**Individual**

	<b>E</b>	<b>G</b>	<b>F</b>	<b>P</b>	<b>VP</b>	<b>N</b>	<b>Grp Med</b>	Mode	Std Dev
<b>Q25</b> Evaluate the instructor's PREPARATION FOR LECTURE.	20	0	0	0	0	<b>20</b>	<b>5.0</b>	5	0
<b>Q26</b> Evaluate the instructor's CLARITY OF PRESENTATION.	19	1	0	0	0	<b>20</b>	<b>5.0</b>	5	.22
<b>Q27</b> Evaluate the instructor's GENERAL INSTRUCTIONAL TECHNIQUE.	20	0	0	0	0	<b>20</b>	<b>5.0</b>	5	0
<b>Q28</b> Evaluate the instructor's AVAILABILITY OUTSIDE OF CLASS.	20	0	0	0	0	<b>20</b>	<b>5.0</b>	5	0
<b>Q29</b> Evaluate the instructor's RAPPORT WITH STUDENTS.	19	1	0	0	0	<b>20</b>	<b>5.0</b>	5	.22
<b>Q30</b> Evaluate the instructor's EFFECTIVENESS IN ANSWERING QUESTIONS.	19	1	0	0	0	<b>20</b>	<b>5.0</b>	5	.22
<b>Q31</b> Evaluate the instructor's EFFORT PUT FORTH IN TEACHING CLASS.	20	0	0	0	0	<b>20</b>	<b>5.0</b>	5	0

**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: 70.00% (14 of 20)**

- He is a really good teacher. Explains things really well, really patient and lots of time on office hour. He made the course very interested but not just focus on some weird exam questions like other sections do. The way he teaches made student focus on the most basic foundation which is really meaningful.
- He is very nice and makes himself available to help people outside of class.
- He was an amazing professor. Purdue should hire more like him.
- Prof. Melloch is one of my favorite professor. His course is quite interesting in general. I can always get to know interesting background information of the material. And excellent experiment keep me in the lecture.
- One of my favorite ECE professors. Would take any class if he taught it.
- Very nice professor ever seen
- The best professor I have had while at Purdue. He does an excellent job during his lectures explaining the topics through use of notes and presentation to make sure all understand. He creates a great student/professor relationship so that I feel comfortable talking to him about questions or concerns I might have about the material.
- Professor is very helpful and easy to approach out of the class.
- I don't think the review at the beginning of each class is necessary. We would spend about 10-15 minutes going over what was taught in the previous lecture. If that was dropped, we could probably get through a little more material. Overall very good. Focused on being sure that students learn material and are engaged in that learning.
- He is a really good teacher
- Professor Melloch is a great teacher. His availability outside of class was fantastic and he would always help me understand concepts I had trouble with. I like his approach towards teaching students, making sure they understand the material in a little bit of a less stressful way. Overall I enjoyed this course and I hope Professor Melloch continues to teach it for the sake of the students to come after me.
- Best professor ever
- Prof.Melloch is the best instructor I've met. He talks very clearly in lectures, and he gives us extra credits by demonstrating questions we did wrong in exams to him with correct method and answer and the knowledge behind the problems. We could learn better by teaching. He has lunches with students in order to get to know students.
- Melloch knows what he's doing! I liked this course a lot.