

MSE 401 A, Joint with MSE 501 A  
Special Topics In Materials Science  
Course type: Face-to-Face

Evaluation Delivery: Online  
Evaluation Form: A  
Responses: 20/32 ( 62%)

Taught by: Linda Kruger, Jane Doe  
**Instructor Evaluated: Jane Doe-Assist Prof**

**Overall Summative Rating** represents the combined responses of students to the four global summative items and is presented to provide an overall index of the class's quality:

Median	Adj. Median
4.5	4.5
(0=lowest; 5=highest)	

**Challenge and Engagement Index (CEI)** combines student responses to several *IASystem* items relating to how academically challenging students found the course to be and how engaged they were:

<b>CEI: 4.7</b>
(1=lowest; 7=highest)

### SUMMATIVE ITEMS

	N	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Poor (1)	Very Poor (0)	Median	Adjusted Median
The course as a whole was:	19	42%	47%	11%				4.3	4.3
The course content was:	19	47%	53%					4.5	4.4
The instructor's contribution to the course was:	19	58%	32%	11%				4.6	4.6
The instructor's effectiveness in teaching the subject matter was:	19	47%	37%	16%				4.4	4.4

### STUDENT INVOLVEMENT

	N	Much Higher (7)	(6)	(5)	Average (4)	(3)	(2)	Much Lower (1)	Median
<b>Relative to other college courses you have taken:</b>									
Do you expect your grade in this course to be:	19	5%	21%	32%	32%	11%			4.8
The intellectual challenge presented was:	19	11%	37%	26%	26%				5.4
The amount of effort you put into this course was:	19		21%	42%	26%	11%			4.8
The amount of effort to succeed in this course was:	19	5%	26%	42%	21%	5%			5.1
Your involvement in course (doing assignments, attending classes, etc.) was:	19	5%	26%	42%	21%	5%			5.1

On average, how many hours per week have you spent on this course, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?

**Class median: 6.9 Hours per credit: 6.9 (N=17)**

Under 2	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22 or more
	6%	24%	29%	18%	12%	6%	6%				

From the total average hours above, how many do you consider were valuable in advancing your education?

**Class median: 6.8 Hours per credit: 6.8 (N=17)**

Under 2	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22 or more
	12%	24%	24%	24%	6%	6%	6%				

What grade do you expect in this course?

**Class median: 3.5 (N=17)**

A (3.9-4.0)	A- (3.5-3.8)	B+ (3.2-3.4)	B (2.9-3.1)	B- (2.5-2.8)	C+ (2.2-2.4)	C (1.9-2.1)	C- (1.5-1.8)	D+ (1.2-1.4)	D (0.9-1.1)	D- (0.7-0.8)	E (0.0)	Pass	Credit	No Credit
6%	47%	24%	18%			6%								

In regard to your academic program, is this course best described as:

**(N=17)**

In your major	A distribution requirement	An elective	In your minor	A program requirement	Other
59%		41%			

**STANDARD FORMATIVE ITEMS**

	N	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Poor (1)	Very Poor (0)	Median	Relative Rank
Course organization was:	19	37%	42%	21%				4.2	17
Clarity of instructor's voice was:	19	74%	26%					4.8	7
Explanations by instructor were:	19	58%	32%		11%			4.6	3
Instructor's ability to present alternative explanations when needed was:	19	58%	32%		11%			4.6	4
Instructor's use of examples and illustrations was:	19	68%	26%	5%				4.8	1
Quality of questions or problems raised by the instructor was:	19	58%	32%	11%				4.6	2
Student confidence in instructor's knowledge was:	19	68%	26%		5%			4.8	10
Instructor's enthusiasm was:	19	79%	21%					4.9	5
Encouragement given students to express themselves was:	19	53%	47%					4.5	12
Answers to student questions were:	19	58%	37%	5%				4.6	6
Availability of extra help when needed was:	19	47%	47%			5%		4.4	11
Use of class time was:	19	42%	53%		5%			4.3	13
Instructor's interest in whether students learned was:	19	58%	32%		11%			4.6	9
Amount you learned in the course was:	19	42%	37%	16%	5%			4.3	14
Relevance and usefulness of course content were:	19	58%	21%	16%	5%			4.6	8
Evaluative and grading techniques (tests, papers, projects, etc.) were:	19	42%	26%	26%		5%		4.2	15
Reasonableness of assigned work was:	19	42%	37%	16%	5%			4.3	16
Clarity of student responsibilities and requirements was:	19	42%	32%	16%	5%		5%	4.2	18

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## STANDARD OPEN-ENDED QUESTIONS

### Was this class intellectually stimulating? Did it stretch your thinking? Why or why not?

1. There is not too much time to stretch thinking, as the instructor tried to cover all the chapters in the book, so a lot of time need to be spent on the reading.
2. Yes. I came to understand some of the unexpected and counter intuitive properties of light
3. Yes, it presented challenges that could not be explained throug conventional thinking.
4. Yes. This class really stretched my thinking in optoelectronics.
5. It's great, and I learned a lot. But most of it is on the textbook and we can also learn them through reading by ourselves.
6. Yes, the topic was very interesting and I enjoyed the material.
7. The course on the whole was very interesting - it combined a number of ideas/disciplines that I already familiar with and expanded them in directions that were completely new to me.
8. Yes, this class in all honesty is a very good class to offer.
10. Yes
15. Yes. I learned a lot of very interesting concepts in this class and would definitely take it again.
16. Yes, it brought together a lot of concepts from the major.
17. Yes, the subject matter was new to me and i found it very interesting.
18. This class was very informative and interesting. I learned a ton about current technologies that are relevant to industries I may potentially working in.

### What aspects of this class contributed most to your learning?

1. The instructor has a very good understanding of the basic concepts and can explain it well.
3. Lectures
4. Very knowledgeable teacher and always wanting students to learn. Very engaging teacher. Homework's and lecture work in the black board are very effective tools in teaching and that was very nice. Thank You.
5. The instructor is really good at illustrating things. I can understand most of his lectures and the pace of the class is really good that most students can keep up with.
6. Professor's enthusiasm, knowledge and course material.
8. Lectures, book readings, homeworks
9. Lecture, example descriptions.
12. The professor was very effective at walking us through material, in part due to the fact that he wrote it down as he went, and in part due to his eagerness to answer questions.
13. Well organized, clear notes
14. Very good explanations. When I did have questions they were not about what was said but usually just wanting more information.
15. The professors lecture and explanations were perfect and I really only needed to read up on occasional topics.
16. The professor took a lot of time to go into detail to explain more difficult concepts
17. The book was well written and comprehensive.
18. Professor is very enthusiastic about material and keeps the lectures interesting. Explanations were very good and the topics seemed easy to learn because of that.

### What aspects of this class detracted from your learning?

1. The exam of the class may focus on something else outside the textbook.
2. Waiting for graded hw and midterms
3. Homework questions not related to lecture
6. Unavailability of Professor when help was needed
7. Expectations as far as homework assignments and due dates were often somewhat unclear.
8. Delayed homework solution and class notes postings
10. None

15. Nothing detracted from my learning. The course and professor were excellent, I have no complaints.
17. Due dates and timelines were not very clear. Submitted work and solutions were not returned or posted in a timely manner.
18. A couple of times the homework problems were not posted to the website.

#### What suggestions do you have for improving the class?

1. The homework can be more relevant to the exam.
3. Smaller homework assignments more often
5. Especially for the first few weeks, most of the time is spent on formula derivation. I think it's better that we can spend more time discuss the problems related to practical application.
6. N/A
7. Assign considerably more homework. Three assignments is really not a lot.
9. Post all required readings/HWproblems online. Post exam reviews sooner than the night before the exam.
10. None
11. More clear HW due dates.
13. Consistent placement of homework assignments.
14. The demo on the last day was really helpful for putting all of the concepts together. Perhaps incorporate more demos?
15. The demo presented on the last day was really cool. If its possible to integrate more, that would be a plus.
17. More homework assignments and lectures that deviate a little more from the book.
18. Update website sidebar more frequently