

Electromagnetic Theory (2020 Fall Semester)

Instructor: **Hanson, Jordan**
 Subject: **PHYS**
 Catalog & Section: **330 1**

Enrollment: **11**
 Responses Incl Declines: **8**
 Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	72	72.7%	4.5	4.5	5.0	5.0	0.8
Instructor's Questions	40	72.7%	4.2	4.2	5.0	5.0	1.3
Course	56	72.7%	4.8	4.7	5.0	5.0	0.5
Professor - Jordan Hanson	72	72.7%	4.7	4.7	5.0	5.0	0.5

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	8	0%	0%	100%	0%	0%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	8	0%	0%	75%	25%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	8	72%	5.0	4.9
I was academically prepared to handle the material.	8	72%	4.6	4.6
I came prepared for each class session (i.e. have read all course readings and completed assignments).	8	72%	4.4	4.7
I actively participated in class discussions.	8	72%	4.4	4.3
I attended scheduled office hours if I had questions about the course material.	8	72%	4.3	4.3
I tried to relate course material to other things I know and/or study.	8	72%	4.5	4.7
I worked to my full potential in this course.	8	72%	4.5	4.5
I was satisfied with my performance in this course.	8	72%	4.4	4.2
I had a strong desire to take this course.	8	72%	4.6	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Instructor's Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I (the student) had family responsibilities that had to be balanced with studying obligations.	8	72%	4.5	4.5
The professor had family responsibilities that had to be balanced with course obligations.	8	72%	5.0	5.0
I (the student) had work responsibilities that had to be balanced with studying obligations.	8	72%	2.9	2.9
Given that this course is normally taught over the length of a semester, and at some institutions, two semesters, I (the student) felt we covered adequate material.	8	72%	3.3	3.3
If this course were taught over the length of a semester, the material would have been easier to digest.	8	72%	5.0	5.0
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	8	72%	4.9	4.9
This course was academically challenging.	8	72%	5.0	4.9
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	8	72%	4.9	4.8
This course had grading criteria that were clearly identified.	8	72%	4.9	4.8
This course improved my understanding of the material.	8	72%	4.6	4.6
This course increased my interest in the subject matter.	8	72%	4.6	4.4
Overall, I would recommend this course to others.	8	72%	4.4	4.4
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

All Likert Scale Questions - Professor - Jordan Hanson

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	8	72%	4.9	4.7
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	8	72%	4.8	4.6
The professor was able to explain complicated ideas.	8	72%	4.6	4.5
The professor challenged students to think critically and/or imaginatively about the course material.	8	72%	4.6	4.7
The professor provided clear and timely feedback.	8	72%	4.5	4.8
The professor encouraged meaningful class discussions.	8	72%	4.7	4.8
The professor was receptive to differing views.	8	72%	4.7	4.7
The professor was available for help outside of class.	8	72%	4.9	4.9
Overall, I would recommend this professor to others.	8	72%	4.9	4.7
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

Open Ended Responses

Written Comments (48 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

- 1 Warm ups seem to take too much time, because of the limited time maybe just solve the problem as a class, especially if there won't be a check if people actually did the work in break out rooms.
- 2 Discord is better than zoom.
- 3 Your use of videos improved over the course of the module. Especially liked the style you had during Thanksgiving break. Treat more like the video is the class lecture and less just working on examples.
- 4 I just wish this course wasn't online, so we could have more things to cover, but that's not an option.
- 5 Course was played out very well despite the time constrictions and professor hanson did an excellent job utilizing all tools to make it as smooth as possible
- 6 Some feedback that I would provide is that the chapter quiz were beneficial for me and I hope you continue to do something like this for next time.
- 7 I just think it's hard to absorb it all in 7 weeks.
- 8 The flexibility provided to allow students to more effectively keep up with the course was a personal lifesaver, and I am very grateful. If the coming semester necessitates a similar approach, I'm sure the students of that time will also find it gratefully appreciated.

Q: What were the best aspects of this course? (Please be specific.)

- 1 Final présentation, though that is entirely student group chemistry dependent.
- 2 i miss the physics boys. This was nice.
- 3 Working on the final project instead of a final made the subject more desirable to learn more.
- 4 The final presentations were really fun and interesting. And the way the professor was able to adjust to online learning was great.
- 5 being able to have our own zoom sessions to collaborate along with breakout rooms during class
- 6 The best accept about this class was that it wasn't always meeting every day and that we had breaks in between to catch up or watch videos.
- 7 The videos that the professor made for us allowed for better understanding of the material.
- 8 The material and the professor. I hold that the Professor ultimately did his best to be involved with student questions, to be understanding and flexible, as well as hard-working.

Q: What would you change about this course? (Please be specific.)

- 1 To always keep moving forward with the material
- 2 Build magnets and stuff.
- 3 Would prefer to have the course be 2 modules long.
- 4 Nothing, other than the course not being 7 weeks long
- 5 the amount of time we need to get the most out of it
- 6 Only thing that I would change is not teach this class during a module schedule as 7 weeks was not enough time to cover every material and understand it as well.
- 7 Make it a longer class, like an extended module class
- 8 The material digestion, if allowing more class time to discuss the reading and more active participation with questions pertaining to the reading. must be taken into account.

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

- 1 sure
- 2 I am satisfied.
- 3 I am satisfy with my performance.
- 4 I think I did above average in this course. There were some areas I didn't completely understand.

- 5 I felt i did pretty well although its a very challenging course. Having a few extra weeks to really get into it would have been a lot better
- 6 I was satisfied with my performance considering we had to learn all this in just 7 weeks.
- 7 I think the workload of this class and my other class overwhelmed me. It's not meant to be taught in 7 weeks.
- 8 I did not feel prepared for this course. I did not work to my full potential, and I lacked the will to continue at times with the required material and assignments. I don't feel I did well in this course, and it is unfortunate the course had to be compressed to 7 weeks of limited comprehension. I tried to perform, but alas.

Q: Please comment on your experiences with the remote delivery of this course. What suggestions do you have for improvement?

- 1 encourage video while talking
- 2 Discord>>>>>Zoom

I had the misfortune of having to use Zoom before 2020. My biggest thoughts were "This does not need to exist" and "This could have been a phone call." Now I see how utterly frustrating it is to use two monitors with zoom. Or even to use zoom. Fuck zoom.
- 3 There was a good balance of live and recorded lecture.
- 4 Make the course a longer time, meaning have it be more than 7 weeks
- 5 Professor and students alike handled it to the best of our capabilities
- 6 Some suggestion that I have for this course is telling the school that a module system does not work for upper level physic classes.
- 7 I just prefer in person learning.
- 8 For my perspective, the remote delivery made the material hard to comprehend. Although there was availability for asking the professor questions, the immediate access to ask questions during class and after class as one would in person was a personal trouble.

Q: How has the modular schedule shaped your experience and/or expectations of this course?

- 1 much denser material
- 2 The self is a prison from which only we have escaped.
- 3 Module system made it very difficult to learn for this course.
- 4 The modular schedule needs to go, because courses need to be 14 weeks long in order to fully teach their works
- 5 simply not enough for what this course calls for
- 6 Overall I believe that I wasn't able to master all of the material and only a select few
- 7 It was too short of time to handle all the material.
- 8 I no longer expect to rely on fellow students for assistance for understanding the material or the course.

Supplemental Questions

Supplemental Questions

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
I (the student) had family responsibilities that had to be balanced with studying obligations.	8	72%	0.5	0%	0%	0%	50%	50%	0%
The professor had family responsibilities that had to be balanced with course obligations.	8	72%	0.0	0%	0%	0%	0%	100%	0%
I (the student) had work responsibilities that had to be balanced with studying obligations.	8	72%	1.7	38%	0%	13%	13%	25%	13%
Given that this course is normally taught over the length of a semester, and at some institutions, two semesters, I (the student) felt we covered adequate material.	8	72%	1.3	13%	13%	38%	13%	25%	0%

If this course were taught over the length of a semester, the material would have been easier to digest. 8 72% 0.0 0% 0% 0% 0% 100% 0%

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;