

Algebra-based Phys II (EMP) (2022 Spring Semester)

Instructor: **Hanson, Jordan**
 Subject: **PHYS**
 Catalog & Section: **135B 02**

Enrollment: **25**
 Responses Incl Declines: **18**
 Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	162	72.0%	4.6	4.4	5.0	5.0	0.8
Course	126	72.0%	4.8	4.6	5.0	5.0	0.6
Professor - Jordan Hanson	162	72.0%	4.9	4.7	5.0	5.0	0.4

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	18	0%	0%	83%	0%	17%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	18	6%	6%	89%	0%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	18	72%	4.8	4.8
I was academically prepared to handle the material.	18	72%	4.9	4.5
I came prepared for each class session (i.e. have read all course readings and completed assignments).	18	72%	4.8	4.6
I actively participated in class discussions.	18	72%	4.6	4.1
I attended scheduled office hours if I had questions about the course material.	18	72%	3.8	3.8
I tried to relate course material to other things I know and/or study.	18	72%	4.9	4.6
I worked to my full potential in this course.	18	72%	4.7	4.4
I was satisfied with my performance in this course.	18	72%	4.7	4.4
I had a strong desire to take this course.	18	72%	4.2	4.2

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.	18	72%	4.9	4.8
This course was academically challenging.	18	72%	4.9	4.7
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	18	72%	4.9	4.8
This course had grading criteria that were clearly identified.	18	72%	4.7	4.7
This course improved my understanding of the material.	18	72%	4.8	4.6
This course increased my interest in the subject matter.	18	72%	4.7	4.4
Overall, I would recommend this course to others.	18	72%	4.8	4.5
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.	18	72%	4.9	4.9
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	18	72%	4.8	4.5
The professor was able to explain complicated ideas.	18	72%	4.9	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	18	72%	4.9	4.7
The professor provided clear and timely feedback.	18	72%	4.8	4.7
The professor encouraged meaningful class discussions.	18	72%	4.8	4.5
The professor was receptive to differing views.	18	72%	4.8	4.6
The professor was available for help outside of class.	18	72%	5.0	4.8
Overall, I would recommend this professor to others.	18	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 (90 comments)

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

- I greatly enjoyed the course and teaching style. I would have preferred the class be split up into at least three days a week instead of being crammed into two.
- Give us time during class to work on the final project.
- In comparison to PHYS 135A, PHYS 135B was significantly more academically challenging, in a good way! The professor did a great job in explaining complex ideas and assuring the students were prepared to take the midterm and complete the homework assignments.
- I really enjoyed Hanson's teaching style. He was always available for help and was super nice. He is one of the best professors I have had by far and will always recommend him.
- I don't think i have learned any math subject as easier and efficiently before. he made it easy to understand and fun
- The one feedback I would have is to continue doing the in class experiments as they are interesting, informative, and provide a greater understanding of physics.
- I loved the way he taught this class, made it easy to understand and to keep up.

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- 8 nothing
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- 9 Some useful feedback would be the example questions were very helpful and the songs in the beginning of class.
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- 10 I think it would be helpful to have a better idea of our grade in the course.
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- 11 Overall, I really enjoyed this class and learned many new topics that I did not know were integrated into medicine. I feel like the weekly readings and homework assignments were really helpful because they helped me understand the material and see what sections I needed to work on. I also enjoyed using the pivot labs because it felt like we were doing real experiments and we were able to explore on our own.
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- 12 It's not in his power, but shorter class sessions would probably raise everyone's enthusiasm.
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- 13 I really enjoyed taking this course. I don't have anything I would change from this course. I saw the little changes the Professor made from the first semester such as giving us our warm ups to use as study tools and grading labs/ giving feedback. I even changed my schedule from taking physics on Monday Wednesday to Tuesday Thursday so I could have the same Professor because of how much I enjoyed the first semester.
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- 14 Your enthusiasm for the class helped motivate me to come to class everyday, so continue showing your passion for the subject and your students will follow :)
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- 15 I always appreciated how easy it was to schedule office hours with the professor. Whenever I had any questions I was able to easily schedule office hours with him.
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- 16 Professor did an amazing job at explaining some really complicated ideas. He was able to "dumb it down" for me so I would understand the material. Very helpful to all students in class
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- 17 Professor Hanson does a phenomenal job instructing this course, I think one thing that could be helpful to add is more hands on labs rather than pivots. As a visual and physical learner its easier to learn in person than online.
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- 18 I really enjoyed the class! I would've liked to do more hands on lab activities rather than the pivot labs.

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

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- 1 The best aspects of the course were the teaching style and the activities conducted during the class and the lab period
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- 2 I enjoyed the labs and being able to work with my teammates.
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- 3 The best aspects of this course was having reading assignments and homework assignments all on one website: openstax. The pivot labs were challenging but rewarding as they coincided very well with current topics we were pursuing.
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- 4 -The lectures. The lectures were easy to comprehend and follow along with. Physics is not something that is easy to understand but Hanson's teaching made it easier.
-The Professor. Hanson is one of the best professors I have had by far. He is always available for office hours and to help. He will try explaining things in different ways that might click better for your brain. Any time he related a physics concept to Biology, I was able to understand it clearer. Overall, he was a very supportive and encouraging professor. He was constantly checking in on us and making sure we were doing alright. As a whole, his teaching style was amazing.
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- 5 professor hanson
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- 6 The best aspects were the in class labs as it would show us hands on what we were learning in class. It was also really helpful seeing the physics in front of us in class.
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- 7 The best aspects of this class were doing the labs and final presentations. Taking the exams home is very helpful since it gives enough time to do all the work without being rushed.
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- 8 The OpenStax tutor readings and homework
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- 9 The best aspects of this course were the take home mid term, open stax free text book, songs in the Zoom meeting, the clicker questions and
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- 10 The best aspects of the course were online homework and reading to allow time for practice during class. Another aspect I liked was only having one exam during the course, it lessened the stress of taking a difficult course.
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- 11 The best aspects of this course were the pivot labs, PHET labs we did in person, and the lecture. I liked how the lecture was interactive by using the clickers. Also the PHET and pivot labs I really enjoyed because we were able to apply what we learned in class to stimulations. Furthermore, I liked how Professor Hanson would take his time to apply what we learned to what our majors were and what we were studying currently.
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- 12 The hands on learning style.
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- 13 The best aspects of this course was getting to work in groups on labs and practice questions. I liked getting the opportunity to talk questions through with peers and getting a second opportunity to answer questions I might have gotten wrong the first time.
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- 14 I enjoyed how easy it was to get back on track if I missed class; the daily schedule for class was predictable and easy to adjust myself to
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- 15 The best aspects of this course were the in-class lab activities and the final project. The in-class lab activities gave me a better

understanding of the material and I felt that I learned a lot doing my own final project as well as watching others.

- 16 Class in general, I dread MWF but my favorite mornings were Tuesday and Thursday (The days I had this class). Prof always had so much energy and got me engaged in whatever we were learning about. I sat up front so I would stay engaged, very personal, and an overall great prof.
- 17 The labs and working through the material was very interesting but the best aspect is how excited Professor Hanson. He is really there for his students and wants us to learn and does a great job at it.
- 18 I enjoyed the lab activities and the openstax was really helpful in studying.

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

- 1 I would change the length of the course and combining the lab with the lecture period back
- 2 I don't know... I like the class and everything about it.
- 3 I would not change anything about this course.
- 4 There isn't anything I would change about this course. Im not good at physics but it was a good course.
- 5 More in class problems that we do on the bored
- 6 The course was great, and please continue the in class experiments, as they are fascinating and informative.
- 7 I would not change a thing in this class,
- 8 nothing
- 9 I would change to have the warm-ups graded for correctness to know how the midterm is graded.
- 10 N/A
- 11 If I could change anything about this course it would be to do more experiments like the ones we did when for force and B-fields, E-Fields. It was fun to actually see results before your eyes and see how small changes can make a difference.
- 12 More time for examples during class, practice problems.
- 13 I wouldn't change anything about this course. The reading and homework material helped me understand material covered in classes and having labs helped bring stuff we learned into life.
- 14 n/a
- 15 N/A
- 16 Nothing! This has been my favorite course this Spring!
- 17 Nothing, honestly this has been one of best experiences even with the complex material I was able to engage and learn because of how this course is taught.
- 18 I would've liked more hands on lab activities.

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 I am somewhat satisfied with my accomplishments in this course. I could have taken more notes and gone to more office hour meetings.
- 2 I think I did okay. I definitely think I could have done a better job, but I think I do deserve the grade that I received.
- 3 I am satisfied with my accomplishments in this course.
- 4 Im fairly satisfied with my academic achievement in this course. I suck at physics but it was a fairly enjoyable class.
- 5 I did my best under circumstances and i am vary happy with my grade
- 6 I am moderately satisfied with my performance in the course, as I could have reviewed the material much more outside of class. I also could have kept up with all the assignments much better.
- 7 I am very satisfied with my performance in this class. It was a bit challenging but interesting to learn about.
- 8 I am satisfied with my accomplishments in this course.
- 9 I am satisfied with my accomplishments in this course.
- 10 I am satisfied with my performance in this course.
- 11 I am satisfied with my performance in this course. I learned a lot this semester about electromagnetism and I have surprised myself on how much information I have actually retained.

12 No, I should have been more engaged during the lectures.

13 I am satisfied with my accomplishments in this course. I started the year dreading having to come to physics due to high school physics experiences and can now say that I actually know some physics and enjoyed coming to class.

14 I believe that I could've attended more office hours this semester, but overall I think that I did the best that I could

15 I am satisfied with my accomplishments in this course. I did well given the difficulty of the material.

16 I thought I did well in this class. I got an A the first semester of this class and I'm hoping I get another A this sem. I did miss a few more days than I would have liked but I still feel like I engaged quite a bit

17 I think overall I did well in this course, I definitely did learn especially in semester, I would have never learned about electro statics and magnets if it weren't for this class.

18 I am satisfied with my performance in this course.

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

1 Prior to the remote delivery, a brief rundown of the platform, Discord, would have been appreciated.

2 The online portion was good.

3 The remote delivery of this course was exceptional.

4 Hanson really pulled out all the stops to make sure the virtual aspect of this course. While virtual, he made lectures were engaging and interactive.
As a teacher, he was also willing to explain things as many times as we needed to fully grasp the concept.

5 it was the only class i had that didn't make me fall asleep. very informative.

6 The remote learning, although complicated, was great as we had many avenues such as zoom and discord to work. The assignments were also stated, and the submission was clearly stated.

7 It was challenging and hard to keep up.

8 I think this course online was interactive

9 The remote delivery was great with the music at the beginning of the classes.

10 The remote delivery was done well.

11 I really enjoyed the remote delivery of this course. Professor Hanson made sure we understood the material by making it interactive even though we were online. He also made it easy to communicate with him by creating a discord.

12 We were in person.

13 The remote delivery of this class was good. Even though we were online at the beginning of the semester we were still able to do an online lab and practice questions.

14 Maybe make it more clear what medium we'll be using if migrating from zoom?

15 The remote delivery of this course was standard.

16 To be honest, I do not remember the remote part of this class.

17 Professor Hanson does a great job getting people active and involved in online learning and helped kickstart this semester by being so enthusiastic about physics.

18 Luckily, we did not have this class online. However when we were online, I thought the remote delivery went well

Supplemental Questions

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No Data.