

## Algebra-based Phys I (MWO) (2021 Fall Semester)

Instructor: **Hanson, Jordan**  
 Subject: **PHYS**  
 Catalog & Section: **135A 2**

Enrollment: **25**  
 Responses Incl Declines: **11**  
 Declines: **0**

### Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	99	44.0%	4.5	4.5	5.0	5.0	1.0
Instructor's Questions	44	44.0%	3.9	3.9	5.0	5.0	1.6
Course	77	44.0%	4.7	4.7	5.0	5.0	0.8
Professor - Jordan Hanson	99	44.0%	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.)	11	18%	0%	64%	0%	18%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	11	9%	18%	64%	9%	0%

### Quantitative Data

#### All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	11	44%	4.9	4.8
I was academically prepared to handle the material.	11	44%	4.7	4.7
I came prepared for each class session (i.e. have read all course readings and completed assignments).	11	44%	4.7	4.7
I actively participated in class discussions.	11	44%	4.2	4.2
I attended scheduled office hours if I had questions about the course material.	11	44%	3.6	4.2
I tried to relate course material to other things I know and/or study.	11	44%	5.0	4.7
I worked to my full potential in this course.	11	44%	4.7	4.7
I was satisfied with my performance in this course.	11	44%	4.6	4.4
I had a strong desire to take this course.	11	44%	4.0	4.1

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
In addition to being a full-time college student, I also work a part-time or full-time job.	11	44%	3.8	3.8
In addition to being a full-time college student, I also play a varsity sport.	11	44%	3.5	3.5
I found it easy to balance course work, in general, with other obligations this semester.	11	44%	4.0	4.0
I found it easy to balance course work, in this course specifically, with other obligations this semester.	11	44%	4.4	4.4

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.	11	44%	4.8	4.9
This course was academically challenging.	11	44%	5.0	4.9
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	11	44%	5.0	4.8
This course had grading criteria that were clearly identified.	11	44%	4.6	4.7
This course improved my understanding of the material.	11	44%	4.6	4.7
This course increased my interest in the subject matter.	11	44%	4.1	4.3
Overall, I would recommend this course to others.	11	44%	4.6	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.	11	44%	4.9	4.9
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	11	44%	4.8	4.7
The professor was able to explain complicated ideas.	11	44%	5.0	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	11	44%	4.9	4.8
The professor provided clear and timely feedback.	11	44%	4.9	4.8
The professor encouraged meaningful class discussions.	11	44%	4.6	4.7
The professor was receptive to differing views.	11	44%	5.0	4.8
The professor was available for help outside of class.	11	44%	5.0	4.9
Overall, I would recommend this professor to others.	11	44%	5.0	4.7

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

## Open Ended Responses

Written Comments (44 comments)

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

- 1 Overall I thought that the professor of this course did a great job. He demonstrated a lot of enthusiasm for the subject and clearly came well prepared to each class. The weekly expectations were clearly communicated. When I reached out with a question or for help, he was fast to respond with a reasonable and helpful solution. He clearly wants people to do well in his course which is a great attribute.
- 2 Shorter homework readings because students tend to become uninterested.
- 3 You helped me like physics again, so thanks :) For reviewing warm ups, I'd like it more if you clearly answered the warmup question before branching out to the "bigger picture"
- 4 More lab activities
- 5 N/A
- 6 I really enjoyed this course. I felt the balance between the homework given and the concepts we had to learn was very manageable. I found it less stressful to do the homework while learning and understanding the concepts at the same time.
- 7 The class was taught well with no constructive or other feedback at the moment.
- 8 The pivot labs were awful. they were so confusing and hard to understand.
- 9 I think it would be useful to post grades so students can see where they're at and how they're doing.
- 10 I truly loved doing homework through openstax, that was helpful when doing homework.
- 11 No comment

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

- 1 I liked the consistency in the course. The weekly homework assignments were predictable/consistent which was very helpful for me. I also liked the consistency of each class period, I knew what to expect going into each class. Finally, I appreciated that the way that we sit in class fostered community and teamwork.
- 2 Applying problems to real life situations.
- 3 In-class labs
- 4 Not sure
- 5 N/A
- 6 The in class labs and the openstax homework assignments.
- 7 The professor was the best aspect.
- 8 Professor Hanson made the course very affordable. The textbook was completely free and we only had to pay like \$10 to gain access to the homework. Also, Professor Hanson was overall an excellent professor. He was really helpful and never made the class boring
- 9 It was very academically challenging material that was rewarding once I understood it and Professor Hanson's knowledge and passion for physics definitely made the class more intriguing.
- 10 The best aspects of this course was the way he explained each topic, the labs were helpful and the warmup.
- 11 The in class discussions and labs

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

- 1 I would have appreciated some more clear guidelines on the final project.
- 2 Amount of homework
- 3 n/a
- 4 Nothing
- 5 N/A
- 6 Maybe not do the online labs. I did not feel o benefitted from doing those. I felt I spent most of the time learning how to use the program rather than the actual concepts it was trying to teach.
- 7 Nothing.
- 8 I hated the Pivot labs. The software was so confusing and really complicated.
- 9 Just being able to see grades throughout the semester

10 I wouldn't change anything about this course. I would encourage the professor to continue with his great work.

11 No comment

**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 Overall, I am satisfied with my performance in this course. I showed up to class every day, participated and worked hard on the homework assignments.

2 I am satisfied because I completed all of my homework and did well on the exam.

3 I believe that I did as well as I could've in this course

4 Yes, payed attention and absorbed knowledge to do well in the class

5 N/A

6 I feel satisfied with my performance in this course.

7 I was amazing.

8 Academically, I struggled a lot in this course. It was hard.

9 I was satisfied with my performance in this class and feel as though I worked hard to earn a good grade.

10 I loved my performance in this course. I was always participating and trying my best to understand the material.

11 I felt that this course was very difficult for me. As an English Major, mathematics and myself have an estranged relationship. Had I attended office hours I would have most likely performed better in this class.

## Supplemental Questions

### Supplemental Questions

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
In addition to being a full-time college student, I also work a part-time or full-time job.	11	44%	1.8	27%	0%	0%	9%	64%	0%
In addition to being a full-time college student, I also play a varsity sport.	11	44%	1.9	36%	0%	0%	0%	64%	0%
I found it easy to balance course work, in general, with other obligations this semester.	11	44%	1.3	9%	9%	0%	36%	45%	0%
I found it easy to balance course work, in this course specifically, with other obligations this semester.	11	44%	1.2	9%	0%	0%	27%	64%	0%

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