

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

Instructor: **Hanson, Jordan**
 Subject: **PHYS**
 Catalog & Section: **135A 1**

Enrollment: **24**
 Responses Incl Declines: **11**
 Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	99	45.8%	4.4	4.5	5.0	5.0	0.9
Instructor's Questions	44	45.8%	3.4	3.4	4.0	4.0	1.8
Course	77	45.8%	4.9	4.7	5.0	5.0	0.4
Professor - Jordan Hanson	99	45.8%	4.8	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	9%	0%	73%	0%	18%

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

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	11	45%	4.4	4.8
I was academically prepared to handle the material.	11	45%	5.0	4.7
I came prepared for each class session (i.e. have read all course readings and completed assignments).	11	45%	4.5	4.7
I actively participated in class discussions.	11	45%	3.7	4.2
I attended scheduled office hours if I had questions about the course material.	11	45%	4.2	4.2
I tried to relate course material to other things I know and/or study.	11	45%	4.7	4.7
I worked to my full potential in this course.	11	45%	4.6	4.7
I was satisfied with my performance in this course.	11	45%	4.5	4.4
I had a strong desire to take this course.	11	45%	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
Along with being a full-time student at Whittier College, I also work a part-time or full-time job.	11	45%	3.3	3.3
Along with being a full-time student at Whittier College, I also play a varsity sport.	11	45%	2.5	2.5
As a student, it was easy to balance course work in general with other obligations this semester.	11	45%	3.5	3.5
As a student, it was easy to balance course work in this course with other obligations this semester.	11	45%	4.1	4.1

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	45%	5.0	4.9
This course was academically challenging.	11	45%	4.8	4.9
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	11	45%	5.0	4.8
This course had grading criteria that were clearly identified.	11	45%	5.0	4.7
This course improved my understanding of the material.	11	45%	4.9	4.7
This course increased my interest in the subject matter.	11	45%	4.5	4.3
Overall, I would recommend this course to others.	11	45%	4.9	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	45%	4.8	4.9
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	11	45%	4.8	4.7
The professor was able to explain complicated ideas.	11	45%	4.7	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	11	45%	4.8	4.8
The professor provided clear and timely feedback.	11	45%	4.8	4.8
The professor encouraged meaningful class discussions.	11	45%	4.6	4.7
The professor was receptive to differing views.	11	45%	4.9	4.8
The professor was available for help outside of class.	11	45%	4.9	4.9
Overall, I would recommend this professor to others.	11	45%	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 (44 comments)

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

- 1 Coming into the class I had taken physics in high school and had extremely disliked physics. During and after this course I would consider physics to be one of my favorite classes this semester. The practice problems were super helpful, reading assignments and homework were challenging but fair and labs were fun.
- 2 none
- 3 I would probably change the readings/homework questions as they did not line up with the chapter very well as even doing the readings and thinking I understood what was going on I would go to the homework and it would ask an incredibly difficult and confusing question that we had never seen before, I would also say possibly reorganizing when readings are due as it felt like the readings/homework's and lecture were not in line with each other so it made it kind of confusing to organize information
- 4 Nothing! Course was awesome and loved the labs and all aspects of the course.
- 5 Moodle grades would be useful!
- 6 The way the course was designed was nice. I enjoyed how lab was integrated with lecture.
- 7 I like how we always knew what to expect. There were never anyways surprises thrown at us. I'm grateful that the professor was always understanding of what we have going on outside of this class (some professors expect their class to be our entire lives). It made him more approachable and the class more enjoyable.
- 8 Overall, this was good course. Although understanding physics is a difficult task, Professor Hanson was really helpful. I really appreciate how understanding he was.
- 9 N/A
- 10 I really enjoyed the course as it was very applicable to my major. I enjoyed the PHET labs as they were very interactive and actually made it easier to understand.
- 11 Some useful feedback would be to look at our final proposals and comment on them and would it be possible to see our improvement from the forces quizzes?

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

- 1 The professor was very understanding when it came to deadlines for homework or labs. The mixture of online and in person labs were also a fun spect of this class. I also really liked doing practice problems anonymously, and having the chance to re-answer the questions after discussing with our table partners.
- 2 the professor was extremely accommodating
- 3 Take home exams/optional final, really helped to limit stress while also assessing our knowledge of course material, also the online textbook was helpful as it was cheap and everything was all connected to it
- 4 The lectures and the online textbook being free. Really helped financially and loved the structure of the textbook itself.
- 5 the online assignments
- 6 The best aspects of this course was the optional final. If a student was academically successful throughout the course, it's appreciated that the final is optional.
- 7 I liked how we always knew what we were going to be working on each day. We had very clear objectives and a good routine going.
- 8 I really enjoyed the warm ups. They really helped me understand concepts better.
- 9 The professor - he was just really kind, understanding, and a great educator. I overall recommend him.
- 10 I really enjoyed our labs, both online and in person, because they helped with understanding the material and even applying it to excel so we can create graphs and tables.
- 11 The best aspects of this course were the clicker questions.

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

- 1 The only think I would change is taking out the "for you" questions on the reading assignments.
- 2 nothing
- 3 Having a lab period instead of two hour class, it is almost impossible to stay engaged and actually learn when lecturing for 2 hours,
- 4 Nothing
- 5 n/a
- 6 I would not change anything about this course. The classroom was unmanageably cold though, not sure if that could change.

- 7 I really liked this class, there's nothing that I would change about it.
- 8 The homework at times was really challenging. The homework problems were so much more complex than the examples covered in the book.
- 9 N/A
- 10 I would not change a thing since the class satisfied my needs.
- 11 I would change the course by having a 10 minute break in between the 2 hour period. I would also change to have more questions on the homework, so missing one point doesn't impact the homework score by 2 letter grades.

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 satisfied with my accomplishments.
- 2 yes
- 3 I definetly should have worked harder in this class but it was difficult to stay motivated. Wasn't the professors fault, just physics isn't a strong suit of mine and with everything else going on in the world it was the easiest class for me to lose motivation. Sorry professor, you're awesome :)
- 4 I am satisfied with my performance and knew I did all I could.
- 5 I was satisfied with my performance in this course
- 6 I am satisfied with my accomplishments in this course.
- 7 I didn't do the best I could in the homework assignments. Sometimes I'd be completely off but other times it was just dumb mistakes. That sucked because we only got one try for each problem. But it wasn't the setup that was the problem, sometimes I'd rush through readings not really learning anything. It took me a while to get into the habit of going through the readings carefully so I wouldn't have much trouble with the homework. Overall, I could've done better.
- 8 Physics is a tough course. I definitely struggled, but I feel like I worked to the best of my abilities.
- 9 I am satisfied with my accomplishments. I probably should have been more proactive in making sure I attended classes/wasnt late/turned in assignments on time, but overall, I'm satisfied with my performance and overall grade.
- 10 I believe I could have done a little better with my participation and application during class as it could have raised my overall grade.
- 11 I am satisfied with my accomplishments in this course with my midterm, homework and the final project scores.

Supplemental Questions

Supplemental Questions

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
Along with being a full-time student at Whittier College, I also work a part-time or full-time job.	11	45%	1.9	36%	0%	0%	9%	45%	9%
Along with being a full-time student at Whittier College, I also play a varsity sport.	11	45%	1.9	55%	0%	0%	9%	27%	9%
As a student, it was easy to balance course work in general with other obligations this semester.	11	45%	1.6	18%	18%	0%	18%	45%	0%
As a student, it was easy to balance course work in this course with other obligations this semester.	11	45%	1.2	9%	0%	9%	36%	45%	0%

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