Evaluation Results

Francisco Javier Mercado

Instructor Summer Campuswide Teaching Evaluation Form (CTEF Numeric)

Responses: 30
Window: 8/24/22 12:00am - 9/1/22 11:50pm
Assigned to: PHYSICS 3B LEC B: BASIC PHYSICS II (47040)

Evaluation Results

The data on these anonymous evaluations will be compiled and the information used for the instructor's merit and promotion cases, for departmental evaluations of the instructor's performance, and to improve this course.

A. Please comment on the following areas and be as specific as possible:

Question #1 • Text Response • 23 responses (77%)
What are the instructor's teaching strengths?

Results:

- Francisco makes his own slides, and structures his lectures around application of material to cement it within students' minds. He explains at a pace that is understandable and uses examples to lock in whatever knowledge is taught. Unlike many other physics professors at UCI, he uses his own slides and content to explain difficult physics concepts comprehensively.

- This instructor is always accessible to students and very patient during office hours. He also provides a lot of practice problems incorporated into the in-person lecture so there is something more to the online per-recorded lectures. He makes physics so much more manageable than I had imagined before the course.

- The instructor is accommodating and doesn't make the class unecessarily hard for no reason. Lectures are concise, and allows for multiple attempts for some of the assignments to allow us to learn from our mistakes.

- This instructor cares about his students and goes out of his way to make sure the class is a good experience overall. He also brings in demos and tries to make the class more fun whenever he can.

- Organized and easy to understand. Gives a lot of time to completely understand the problem before moving on to the next step. Addresses all questions adequately and quick to respond.

- The instructor's teaching strengths are showing / performing helpful demos in class, encouraging audience participation, and being responsive.

- The instructors teaching strength are engaging the class with physics demonstrations that help with the understanding of an important concept.

- The instructor is strong in simplifying complicated topics and making them more understandable through demonstrations and example problems.

- Giving lots of material including both a video lecture along with a live lecture and practice to make sure we are good at the topics.

- Explained stuff well. The first 3 weeks had practice problems that were helpful in class that were used in quizzes and tests.

- Francisco was able to make the course easy followable. I enjoyed the structure of it with the short an long quizzes.

Clear explanations and expectations. Fair grader. Approachable and always available to help.

- He tried his best in explaining the concepts. He used demonstrations as part of class.
- having content that is relevant to the course and also having good examples
- He is usually pretty quick to fix mistakes after being emailed about them.
- The professor uses examples and demonstrations to enhance learning.
- notes are clear and easy to follow
- They give a lot of resources
- Give a lot of examples
- Patient with students.
- Good at explaining
- Accessibility
- lectures

Question #2 • Text Response • 24 responses (80%)
How can this instructor improve as a teacher?

Results:

- I felt like the lessons were disorganized and complicated sometimes. When we would take the quizzes, thankfully, they were easier than the homework and lecture material. But often I found myself very confused and there would always seem to be mistakes in the lessons or quizzes. I would appreciate just keeping things simple because sometimes I think Francisco would over explain and make things confusing

- He spends a lot of time in videos going over how to derive equations via calculus but we never have to do that in homework or on exams so it seems like a waste of time that could be better spent going over practice problems that we would likely see in homework. I know the lecture is for practice problems but I'd rather have practice problems that I can watch at my own pace and aren't at 8am.

- be more clear with concepts and not get confused with formulas and units as the amount of equations needed for this course is large. getting confused with units will only make the students more confused. also please try to provide the right answers to prevent anymore confustion.

- He doesn't provide a whole lot of examples. The difficulty difference between the examples he does in class is completely different from the ones on the quizzes.

- This instructor can improve as a teacher by focusing more example problems that are exam type related, and ensuring there's no errors on slides.

- This instructor can improve by doing more proofreading. Whether it be on the lecture slides, the homework, or even some quiz questions.

- I like the lecture videos but i sometimes wished he would go into further detail for specific problems

- If possible, provide more practice problems that capture the main problems that would be tested on.

- During the PollEV questions, he gives us too much time so we end up just waiting in silence a lot.

- The professor tends to move a bit faster through lecture. I would appreciate slowing down a bit.

- I think Professor Mercado can improve by giving more practice problems out.

- I think the instructor can provide more supplementary practice problems.
- Provide more lecture practice problems and study problems for quiz
- I do not have any suggestions. He is an excellent instructor.
- Minimize errors in homework, exams, and lecture slides.
- The teacher doesn't always fully cover all subjects
- Have more time for students outside the class.
- Talk about long quiz midterm more.
- Consistency & less small mistakes!
- more practice problems
- nothing
- N/A
- N/A
- n/a

Question #3 • Text Response • 23 responses (77%)
Any other comments about this course?

Results:

- Overall, I enjoyed this course however, since it is slightly more difficult than 3a, I feel that the grading scale system should be changed to reflect a curve since we transitioned from all online to in person/ hybrid.
- This course is definitely fast-paced due to it taking place in the summer however, the instructor makes an organized module for every week and this schedule really helps keep me on track and eliminates a bit of stress.
- I was a bit worried taking physics in summer, but Francisco explained the concepts so that everything was digestible despite this being an accelerated course. The course load was fair as well.
- i wish hw and quizzes were multiple choice bc free response when solving physics problems can be so tricky especially for someone like me who is just starting out
- I wish he would give examples that are of similar difficulty to the quizzes. It's hard to predict what type of questions and the levels of mastery needed.
- the expectations and notes were clear, however, professor presents some topics in confusing manners. other than that, course was somewhat enjoyable.
- I feel like I had the opportunity to enjoy this class with this professor specifically and I would like to express my gratitude.
- The long quizzes need to have more time. Right now there's barely enough time to finish let alone check answers.
- Made physics way less stressful than it usually is yet I still feel like I learned a lot.
- From the average of assignments, I think that the grading scale could be more generous.
- I thought the course was fair and well-paced for a 5-week course.
- This was a really fun experience and I'm glad I took it!
- I enjoyed learning this subject with this professor.
- I wish there were more practice problems
- None
- none
- nope

N/A

- N/A
- N/A
- n/a
- NA
- No

B. Please choose the appropriate rating:

Grid Question Header

If you have no opinion on the question asked or if it does not apply, please select "Not Applicable."

Question #4 • Grid Question • 29 responses (97%)
The course instructor shows enthusiasm for and is interested in the subject.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	19	66%
8 Answer value: 8	3	10%
7 Answer value: 7	4	14%
6 (Good) Answer value: 6	3	10%
5 Answer value: 5	0	0%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 8.31   Min: 6.00
Median: 9.00   Max: 9.00
Standard deviation: 1.05   Mode: 9

The course instructor stimulates your interest in the subject.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	13	45%
8 Answer value: 8	5	17%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	3	10%
5 Answer value: 5	2	7%
4 Answer value: 4	2	7%
3 Answer value: 3	1	3%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	1	3%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 7.24 Min: 0.00
Median: 8.00 Max: 9.00
Standard deviation: 2.27 Mode: 9

Question #6 • Grid Question • 29 responses (97%)
The course instructor meets stated objectives of the course.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	21	72%
8 Answer value: 8	1	3%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	4	14%
5 Answer value: 5	1	3%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 8.28   Min: 5.00
Median: 9.00   Max: 9.00
Standard deviation: 1.26   Mode: 9

Question #7 • Grid Question • 29 responses (97%)
The course instructor is accessible and responsive.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	20	69%
8 Answer value: 8	2	7%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	4	14%
5 Answer value: 5	0	0%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	1	3%

Mean: 8.36   Min: 6.00
Median: 9.00   Max: 9.00
Standard deviation: 1.11   Mode: 9

Question #8 • Grid Question • 29 responses (97%)
The course instructor creates an open and fair learning environment.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	22	76%
8 Answer value: 8	1	3%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	3	10%
5 Answer value: 5	1	3%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 8.38   Min: 5.00
Median: 9.00   Max: 9.00
Standard deviation: 1.19   Mode: 9

Question #9 • Grid Question • 29 responses (97%)
The course instructor encourages students to think in this course.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	20	69%
8 Answer value: 8	3	10%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	3	10%
5 Answer value: 5	1	3%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 8.31   Min: 5.00
Median: 9.00   Max: 9.00
Standard deviation: 1.18   Mode: 9

Question #10 • Grid Question • 29 responses (97%)
The course instructor's presentations and explanations of concepts were clear.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	15	52%
8 Answer value: 8	2	7%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	4	14%
5 Answer value: 5	3	10%
4 Answer value: 4	2	7%
3 Answer value: 3	1	3%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 7.41   Min: 3.00
Median: 9.00   Max: 9.00
Standard deviation: 1.92   Mode: 9

Assignments and exams covered important aspects of the course.

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	17	61%
8 Answer value: 8	3	11%
7 Answer value: 7	1	4%
6 (Good) Answer value: 6	6	21%
5 Answer value: 5	1	4%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 8.04   Min: 5.00
Median: 9.00   Max: 9.00
Standard deviation: 1.35   Mode: 9

What overall evaluation would you give this instructor?

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	14	48%
8 Answer value: 8	6	21%
7 Answer value: 7	2	7%
6 (Good) Answer value: 6	4	14%
5 Answer value: 5	3	10%
4 Answer value: 4	0	0%
3 Answer value: 3	0	0%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 7.83   Min: 5.00
Median: 8.00   Max: 9.00
Standard deviation: 1.42   Mode: 9

Question #13 • Grid Question • 29 responses (97%)
What overall evaluation would you give this course?

RESPONSES	COUNT	PERCENTAGE
9 (Excellent) Answer value: 9	13	45%
8 Answer value: 8	7	24%
7 Answer value: 7	1	3%
6 (Good) Answer value: 6	4	14%
5 Answer value: 5	3	10%
4 Answer value: 4	0	0%
3 Answer value: 3	1	3%
2 Answer value: 2	0	0%
1 (Barely Satisfactory) Answer value: 1	0	0%
0 (Unsatisfactory) Answer value: 0	0	0%
Not Applicable Answer value: None, not counted in stats	0	0%

Mean: 7.66   Min: 3.00

Median: 8.00   Max: 9.00

Standard deviation: 1.65   Mode: 9

C. Please answer:

Question #14 • Multiple Choice • 29 responses (97%)
Based on completed assignments thus far, what is your current course grade or approximate standing?

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	16	55%
B Answer value: 3	12	41%
C Answer value: 2	1	3%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
NA Answer value: None, not counted in stats	0	0%

Mean: 3.52   Min: 2.00
Median: 4.00   Max: 4.00
Standard deviation: 0.56   Mode: 4

Question #15 • Multiple Choice • 29 responses (97%)
How much academic dishonesty seemed to occur in this course? If applicable, please describe the type of academic dishonesty that occurred (not the particular students involved).

RESPONSE	COUNT	PERCENTAGE
A lot	0	0%
Some	0	0%
A little	2	7%
None I could discern	27	93%

Question #16 • Text Response • 4 responses (13%)
Examples:

Results:

- None
- N/A
- n/a
- NA

Question #17 • Multiple Choice • 29 responses (97%)
How helpful were the textbooks and/or readings to your overall learning experience?

RESPONSE	COUNT	PERCENTAGE
Very	0	0%
Adequately	9	31%
Somewhat	10	34%
Not at all	10	34%

Question #18 • Multiple Choice • 29 responses (97%)
How challenging was this course?

RESPONSE	COUNT	PERCENTAGE
Very	13	45%
Adequately	15	52%
Somewhat	1	3%
Not at all	0	0%

Question #19 • Multiple Choice • 29 responses (97%)
What school do you normally attend?

RESPONSE	COUNT	PERCENTAGE
UCI	29	100%
Other UC Campus	0	0%
Other College or University	0	0%
Community College	0	0%
UCI Division of Continuing Education (DCE)	0	0%
Hight School	0	0%
Not Applicable	0	0%

Question #20 • Multiple Choice • 29 responses (97%)
What is the primary reason you enrolled in Summer Session?

RESPONSE	COUNT	PERCENTAGE
To accelerate progress toward my degree	26	90%
To enroll in a course impacted during Fall, Winter or Spring	2	7%
To retake a course	0	0%
For personal development or professional enrichment	1	3%

Question #21 • Multiple Choice • 29 responses (97%)
How did you find out about UCI Summer Session?

RESPONSE	COUNT	PERCENTAGE
Academic advisor	8	28%
Social media	0	0%
Website	8	28%
Campus email	2	7%
Admission correspondence	0	0%
Word of mouth	11	38%

Question #22 • Text Response • 15 responses (50%)
What programs would you like to see added to Summer Session?

Results:

- My biological sciences and public health courses.
- more science based classes such as labs.
- Please keep more classes online.
- Some pharm sci courses
- None I could discern
- More online courses
- Organic chemistry
- More lab classes
- nothing
- N/A
- N/A
- n/a
- n/a
- n/a
- NA

Thank you for helping to increase teaching excellence at UCI!