

eEvaluate Report - Summer 2012

Course: PHYS 2514-181

College of Arts and Sciences

Total Enrollment: 24

Section Title: General Physics-Engr/Sciences

Course Level: Lower 0000 - 2000

Instructor: Carolyn Bertsche

Section Size: Small 16-25

| Question | Level | Mean Response | Median Response | Standard Deviation | ZScore | Responses | Percent #1 | Percent #2 | Percent #3 | Percent #4 | Percent #5 | Dept Rank | College Rank |
|--|-------------|---------------|-----------------|--------------------|--------|-----------|------------|------------|------------|------------|------------|-----------|--------------|
| 1. Extent to which the instructor contributed to your learning | INDIVIDUAL | 4.28571 | 5 | 0.82542 | | 14 | 0.00 | 0.00 | 21.43 | 28.57 | 50.00 | 100.00 | 61.36 |
| | DEPARTMENT | 4.10714 | 4 | 0.87514 | | 28 | 0.00 | 3.57 | 21.43 | 35.71 | 39.29 | | |
| | SIMILAR_COL | 4.07503 | 4 | 0.97617 | -0.22 | 773 | 2.33 | 4.27 | 17.34 | 35.71 | 40.36 | | |
| | COLLEGE | 4.03542 | 4 | 0.93861 | -0.27 | 2,880 | 1.91 | 3.78 | 19.51 | 38.44 | 36.35 | | |
| 2. Ability of the instructor to respond to a wide range of questions about the material in this course | INDIVIDUAL | 4.14286 | 4 | 0.86444 | | 14 | 0.00 | 7.14 | 7.14 | 50.00 | 35.71 | 100.00 | 44.32 |
| | DEPARTMENT | 4.10714 | 4 | 0.78595 | | 28 | 0.00 | 3.57 | 14.29 | 50.00 | 32.14 | | |
| | SIMILAR_COL | 4.25485 | 5 | 0.98090 | 0.11 | 773 | 2.07 | 3.88 | 14.49 | 25.61 | 53.95 | | |
| | COLLEGE | 4.27386 | 5 | 0.95250 | 0.14 | 2,881 | 1.80 | 3.71 | 13.43 | 27.39 | 53.66 | | |
| 3. Instructor's promptness in returning exams and assignments so they could be useful for learning | INDIVIDUAL | 4.42857 | 5 | 0.75593 | | 14 | 0.00 | 0.00 | 14.29 | 28.57 | 57.14 | 100.00 | 54.55 |
| | DEPARTMENT | 4.21429 | 4 | 0.83254 | | 28 | 0.00 | 3.57 | 14.29 | 39.29 | 42.86 | | |
| | SIMILAR_COL | 4.29091 | 5 | 1.01921 | -0.14 | 770 | 3.51 | 2.99 | 11.56 | 24.81 | 57.14 | | |
| | COLLEGE | 4.20732 | 5 | 1.06034 | -0.21 | 2,870 | 3.24 | 4.77 | 14.22 | 23.55 | 54.22 | | |
| 4. Instructor's ability to encourage critical and independent thinking | INDIVIDUAL | 4.28571 | 4 | 0.82542 | | 14 | 0.00 | 7.14 | 0.00 | 50.00 | 42.86 | 100.00 | 61.36 |
| | DEPARTMENT | 3.92857 | 4 | 1.01575 | | 28 | 3.57 | 3.57 | 21.43 | 39.29 | 32.14 | | |
| | SIMILAR_COL | 4.09138 | 4 | 1.02237 | -0.19 | 766 | 2.87 | 4.57 | 17.10 | 31.46 | 43.99 | | |
| | COLLEGE | 4.11483 | 4 | 1.00335 | -0.17 | 2,865 | 2.09 | 4.82 | 18.22 | 29.25 | 45.62 | | |
| 5. Instructor's ability to stimulate continuing interest in the subject matter | INDIVIDUAL | 4.14286 | 4 | 0.86444 | | 14 | 0.00 | 0.00 | 28.57 | 28.57 | 42.86 | 100.00 | 62.50 |
| | DEPARTMENT | 3.92857 | 4 | 1.05158 | | 28 | 3.57 | 3.57 | 25.00 | 32.14 | 35.71 | | |
| | SIMILAR_COL | 3.95195 | 4 | 1.15125 | -0.17 | 770 | 5.06 | 6.75 | 18.05 | 28.18 | 41.95 | | |
| | COLLEGE | 4.03731 | 4 | 1.08563 | -0.10 | 2,868 | 3.52 | 5.89 | 18.31 | 27.89 | 44.39 | | |
| 6. Overall instructor's teaching effectiveness was | INDIVIDUAL | 4.14286 | 5 | 1.02711 | | 14 | 0.00 | 7.14 | 21.43 | 21.43 | 50.00 | 100.00 | 53.41 |
| | DEPARTMENT | 3.85714 | 4 | 1.07890 | | 28 | 0.00 | 10.71 | 32.14 | 17.86 | 39.29 | | |
| | SIMILAR_COL | 4.10117 | 4 | 1.07517 | -0.04 | 771 | 3.63 | 5.45 | 15.05 | 28.92 | 46.95 | | |
| | COLLEGE | 4.10108 | 4 | 1.05343 | -0.04 | 2,869 | 2.75 | 6.00 | 16.42 | 28.06 | 46.78 | | |
| 7. Instructor's management of the course was | INDIVIDUAL | 4.07692 | 4 | 0.75955 | | 13 | 0.00 | 0.00 | 23.08 | 46.15 | 30.77 | 100.00 | 39.77 |
| | DEPARTMENT | 3.92593 | 4 | 0.99715 | | 27 | 3.70 | 0.00 | 29.63 | 33.33 | 33.33 | | |
| | SIMILAR_COL | 4.18312 | 5 | 1.05824 | 0.10 | 770 | 3.51 | 4.68 | 13.38 | 26.88 | 51.56 | | |
| | COLLEGE | 4.15672 | 4 | 1.04618 | 0.08 | 2,865 | 2.90 | 5.27 | 14.90 | 27.12 | 49.81 | | |
| 8. Amount you learned in this class | INDIVIDUAL | 3.85714 | 4 | 1.09945 | | 14 | 7.14 | 0.00 | 21.43 | 42.86 | 28.57 | 100.00 | 42.68 |
| | DEPARTMENT | 3.85714 | 4 | 1.09945 | | 14 | 7.14 | 0.00 | 21.43 | 42.86 | 28.57 | | |
| | SIMILAR_COL | 3.98169 | 4 | 0.89723 | 0.14 | 710 | 1.69 | 3.66 | 20.00 | 44.08 | 30.56 | | |
| | COLLEGE | 4.00075 | 4 | 0.87178 | 0.16 | 2,651 | 0.87 | 3.73 | 21.54 | 42.17 | 31.69 | | |
| 9. Workload of this course compared to others a similar level | INDIVIDUAL | 3.50000 | 3 | 1.09193 | | 14 | 7.14 | 0.00 | 50.00 | 21.43 | 21.43 | 100.00 | 39.02 |
| | DEPARTMENT | 3.50000 | 3 | 1.09193 | | 14 | 7.14 | 0.00 | 50.00 | 21.43 | 21.43 | | |
| | SIMILAR_COL | 3.64045 | 3 | 0.81990 | 0.17 | 712 | 0.28 | 2.25 | 49.58 | 28.93 | 18.96 | | |
| | COLLEGE | 3.58531 | 3 | 0.80794 | 0.11 | 2,655 | 0.38 | 3.16 | 50.21 | 30.06 | 16.20 | | |
| 10. Quality of readings and/or assigned course materials | INDIVIDUAL | 3.42857 | 4 | 1.08941 | | 14 | 7.14 | 7.14 | 35.71 | 35.71 | 14.29 | 100.00 | 23.17 |
| | DEPARTMENT | 3.42857 | 4 | 1.08941 | | 14 | 7.14 | 7.14 | 35.71 | 35.71 | 14.29 | | |
| | SIMILAR_COL | 3.82062 | 4 | 0.98376 | 0.40 | 708 | 2.12 | 6.50 | 26.69 | 36.58 | 28.11 | | |
| | COLLEGE | 3.86840 | 4 | 0.96742 | 0.45 | 2,652 | 1.77 | 5.77 | 26.28 | 36.20 | 29.98 | | |
| 11. Overall, this course was | INDIVIDUAL | 3.57143 | 4 | 1.15787 | | 14 | 7.14 | 7.14 | 28.57 | 35.71 | 21.43 | 100.00 | 24.39 |
| | DEPARTMENT | 3.57143 | 4 | 1.15787 | | 14 | 7.14 | 7.14 | 28.57 | 35.71 | 21.43 | | |
| | SIMILAR_COL | 4.05352 | 4 | 1.02022 | 0.47 | 710 | 2.96 | 5.07 | 16.48 | 34.65 | 40.85 | | |
| | COLLEGE | 4.07358 | 4 | 0.98701 | 0.51 | 2,650 | 2.04 | 4.83 | 18.57 | 32.87 | 41.70 | | |
| 12. This course was graded fairly | INDIVIDUAL | 4.14286 | 5 | 1.23146 | | 14 | 7.14 | 7.14 | 0.00 | 35.71 | 50.00 | 100.00 | 8.54 |
| | DEPARTMENT | 4.14286 | 5 | 1.23146 | | 14 | 7.14 | 7.14 | 0.00 | 35.71 | 50.00 | | |
| | SIMILAR_COL | 4.62500 | 5 | 0.70449 | 0.68 | 712 | 0.70 | 1.54 | 4.21 | 21.63 | 71.91 | | |
| | COLLEGE | 4.64035 | 5 | 0.68169 | 0.73 | 2,647 | 0.53 | 1.36 | 4.46 | 20.85 | 72.80 | | |

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Question

1. What were the strong points of the course?
2. What were the weak points of the course?
3. What should the instructor do to improve their teaching?
4. What is your overall opinion of this course?

Comment

1. Good use of examples

2. None

3. It would be nice if Ben Pearson did more examples like questions from the homework.

4. Very Good

1.

2.

3. Giving more examples.

4. It was good and enjoyable and the same time.

1. Good teachers

2.

3. nothing

4. good

1. Carolyn was a good teacher and was able to explain everything well and answer any concerns we had.

2. The exams were really a weak point. I think that a course such as physics should not have a True/False section and that the theoretical aspects of physics should not be the emphasis. Solving problems should be worth a lot more because THAT is a proof that we understand the concept. The exams also had very vague words that could mean more than one thing and that led to mistakes. The teachers should be a lot more serious about teaching physics. It was very annoying that a physics problem would take more time describing about a nerf gun fight between the professors than the actual problem.

3. Check their exams for mistakes and proper use of language or things that could lead to students misinterpreting the questions. The teachers should go straight to the point when explaining or teaching new material instead of wandering around without making their point quick.

4. It was okay, I think it should have focused more on how to solve the problems correctly more than other things.

1.

2. it should explain the concepts more clearly

3. Ben should give short breaks like Carolyn did

4.

1. Going over the problems with the class.

2. None.

3. Do the same thing. Have Ben show notes while teaching the class.

4. Class was good.

1. widely use in the future

2. too much homework

3. give more examples

4. it is good

1. Make knowledge very clear.

2.

3. Take more examples.

4. Excellent!

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1. Carolyn was clearly passionate about physics so it made it nice to see that she wanted to show others how fantastic physics can be.
2. MasteringPhysics. I absolutely hated that website. Also, there were so many equations within the span of this course that it made it very hard to remember them, and eventually I started to get them mixed up. Granted, I know there isn't much you can do about this with a course like Physics, but if the number of equations could somehow be alleviated I think it would create for a smoother class.
- 3.
4. As a summer course, I probably would not recommend taking Physics. You have to dedicate a lot of time and effort into understanding the concepts, especially in such a short amount of time. However, it is definitely do-able if you want it bad enough.

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Response Key

| | |
|--|---|
| 1. Extent to which the instructor contributed to your learning | 1 = Far Below Average, 2 = Below Average, 3 = Average, 4 = Above Average, 5 = Far Above Average |
| 2. Ability of the instructor to respond to a wide range of questions about the material in this course | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 3. Instructor's promptness in returning exams and assignments so they could be useful for learning | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 4. Instructor's ability to encourage critical and independent thinking | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 5. Instructor's ability to stimulate continuing interest in the subject matter | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 6. Overall instructor's teaching effectiveness was | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 7. Instructor's management of the course was | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 8. Amount you learned in this class | 1 = Far Below Average, 2 = Below Average, 3 = Average, 4 = Above Average, 5 = Far Above Average |
| 9. Workload of this course compared to others a similar level | 1 = Far Below Average, 2 = Below Average, 3 = Average, 4 = Above Average, 5 = Far Above Average |
| 10. Quality of readings and/or assigned course materials | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 11. Overall, this course was | 1 = Poor, 2 = Fair, 3 = Good, 4 = Very Good, 5 = Excellent |
| 12. This course was graded fairly | 1 = Never, 2 = Seldom, 3 = Occasionally, 4 = Usually, 5 = Always |