

| Question | Response Frequencies | | | | | | Mean | Std. Dev. | 95% CI | Omits |
|--|--|--|---|--|-----------------------------------|------------------|------|-----------|-----------|-------|
| | 5 | 4 | 3 | 2 | 1 | 0 | | | | |
| What is your overall rating of this instructor's teaching effectiveness? | <i>almost always effective</i> 2 29% | <i>usually effective</i> 4 57% | <i>sometimes effective</i> 1 14% | <i>rarely effective</i> | <i>almost never effective</i> | | 4.1 | 0.69 | 3.59-4.70 | 0 |
| How much do you feel you have learned in this course? | <i>an exceptional amount</i> 3 43% | <i>more than usual</i> | <i>about as much as usual</i> 4 57% | <i>less than usual</i> | <i>almost nothing</i> | | 3.9 | 1.07 | 3.00-4.71 | 0 |
| What is your overall rating of this course? | <i>one of the best</i> 1 14% | <i>better than average</i> 5 71% | <i>about average</i> 1 14% | <i>worse than average</i> | <i>one of the worst</i> | | 4.0 | 0.58 | 3.54-4.46 | 0 |
| Rate the usefulness of the outside assignments (homework, papers, reports, and special projects, etc.) in helping you learn. | <i>almost always useful</i> 1 14% | <i>usually useful</i> 4 57% | <i>sometimes useful</i> 2 29% | <i>rarely useful</i> | <i>almost never useful</i> | <i>not apply</i> | 3.9 | 0.69 | 3.30-4.41 | 0 |
| Rate the usefulness of the in-class activities (lectures, discussions, etc.) in this course in helping you learn. | <i>almost always useful</i> 3 43% | <i>usually useful</i> 2 29% | <i>sometimes useful</i> 2 29% | <i>rarely useful</i> | <i>almost never useful</i> | | 4.1 | 0.90 | 3.42-4.86 | 0 |
| I was treated with respect in this class. | <i>strongly agree</i> 5 71% | <i>agree</i> 2 29% | <i>uncertain</i> | <i>disagree</i> | <i>strongly disagree</i> | | 4.7 | 0.49 | 4.32-5.00 | 0 |
| What is your rating of this instructor compared with other instructors you have had? | <i>one of the most effective</i> 1 14% | <i>more effective than most</i> 4 57% | <i>about as effective as most</i> 2 29% | <i>less effective than most</i> | <i>one of the least effective</i> | | 3.9 | 0.69 | 3.30-4.41 | 0 |
| Of the total hours you spent on this class, how many were valuable in advancing your education?. | <i>almost all valuable</i> 2 29% | <i>more than half valuable</i> 5 71% | <i>about half valuable</i> | <i>less than half valuable</i> | <i>almost none valuable</i> | | 4.3 | 0.49 | 3.90-4.68 | 0 |
| The materials used in this course (text, readings, websites, etc.) are. | <i>almost always useful</i> 1 14% | <i>usually useful</i> 3 43% | <i>sometimes useful</i> 3 43% | <i>rarely useful</i> | <i>almost never useful</i> | <i>not apply</i> | 3.7 | 0.76 | 3.11-4.32 | 0 |
| The difficulty level of the course is. | <i>extremely difficult</i> 1 14% | <i>more difficult than average</i> 1 14% | <i>about average</i> 4 57% | <i>easier than average</i> 1 14% | <i>extremely easy</i> | | 3.3 | 0.95 | 2.52-4.05 | 0 |

TCE REPORT (Physics)

Spring-10
KENNETH A JOHNS

PHYS 586- 001 TECH IN PARTICLE PHYSIC 51793-01

9 enrolled, 7 (77%) responded

| Question | Response Frequencies | | | | | | Std. | | | |
|---|-----------------------------------|--------------------------|------------------------------|-----------------------------|--------------------------|------------------|------|------|-----------|-------|
| | | | | | | | Mean | Dev. | 95% CI | Omits |
| The instructor was available for consultation during non-class time | <i>strongly agree</i> 3 50% | <i>agree</i> 3 50% | <i>uncertain</i> | <i>disagree</i> | <i>strongly disagree</i> | <i>not apply</i> | 4.5 | 0.55 | 4.02-4.98 | 1 |
| The course grading policies were adequately explained in syllabus and didn't vary throughout term | <i>strongly agree</i> 3 50% | <i>agree</i> 2 33% | <i>uncertain</i> 1 17% | <i>disagree</i> | <i>strongly disagree</i> | <i>not apply</i> | 4.3 | 0.82 | 3.62-5.00 | 1 |
| There were enough assignments and they related well to in-class lectures | <i>strongly agree</i> 1 17% | <i>agree</i> 5 83% | <i>uncertain</i> | <i>disagree</i> | <i>strongly disagree</i> | <i>not apply</i> | 4.2 | 0.41 | 3.81-4.52 | 1 |
| There were enough exams and they reasonably covered concepts taught in class as reviewed | <i>strongly agree</i> 1 17% | <i>agree</i> 3 50% | <i>uncertain</i> 1 17% | <i>disagree</i> 1 17% | <i>strongly disagree</i> | <i>not apply</i> | 3.7 | 1.03 | 2.76-4.57 | 1 |
| The text for this course was an excellent learning resource and well-matched to in-class lectures | <i>strongly agree</i> 1 17% | <i>agree</i> 5 83% | <i>uncertain</i> | <i>disagree</i> | <i>strongly disagree</i> | <i>not apply</i> | 4.2 | 0.41 | 3.81-4.52 | 1 |

| QUESTION | RESPONSE FREQUENCIES | | | | | | | | | | | | | Omits | |
|--|---------------------------------|-------------------------|-----------------------------|--------------------------|--------------------------------------|------------------|-------------------------------|-------------------|-----------------|----------------|-----------------|-----------------------------|------------|--------------|---|
| | <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> | <i>E, F</i> | <i>Other</i> | | | | | | | | | |
| I expect a final course grade of | 4 67% | 2 33% | | | | | | | | | | - | - | 1 | |
| My class is | <i>freshman</i> | <i>sophomore</i> | <i>junior</i> | <i>senior</i> | <i>graduate student</i> 7 100% | <i>other</i> | | | | | | - | - | 0 | |
| My sex is | <i>female</i> 1 17% | <i>male</i> 5 83% | | | | | | | | | | - | - | 1 | |
| In my academic program, this course is best described as | <i>in my major</i> 6 100% | <i>in my minor</i> | <i>Gen. Ed. requirement</i> | <i>an elective</i> | <i>other</i> | | | | | | | - | - | 1 | |
| Outside of class time, about how many hours per week have you spent on class-related | <i>under 5</i> 2 33% | <i>5-9</i> 3 50% | <i>10-14</i> | <i>15-19</i> 1 17% | <i>20 or more</i> | | | | | | | - | - | 1 | |
| My primary college is. | <i>Agriculture</i> | <i>Architecture</i> | <i>BPA</i> | <i>Education</i> | <i>Engineering/ Mines</i> | <i>Fine Arts</i> | <i>Health Professions</i> | <i>Humanities</i> | <i>Medicine</i> | <i>Nursing</i> | <i>Pharmacy</i> | <i>Science</i> 7 100% | <i>SBS</i> | <i>Other</i> | 0 |
| My grade point average is. | <i>3.50-4.00</i> 7 100% | <i>3.00-3.49</i> | <i>2.50-2.99</i> | <i>2.00-2.49</i> | <i>below 2.00</i> | | | | | | | - | - | 0 | |

| Question | Instructor Enrolled : 9 Responded: 7 Pct. Response: 77% | | Comparison Group Descriptions | | | | | |
|---|--|----------|---|------|--------------------------|------|--------------------|--|
| | | | PHYS Fall and Spring Graduate | | Comparison Group 1 | | Comparison Group 2 | |
| | | | 5 or more enrolled Sections: 45 Enrollment: 501 PHYSALG0 | | Sections: Enrollment: | | | |
| | Mean | St. Dev. | 95% CI | Mean | 95% CI | Mean | 95% CI | |
| 1 Overall rating of teaching effectiveness [almost always effective (5)–almost never effective] | 4.1 | 0.69 | 3.59 - 4.70 | 4.2 | 4.10 - 4.40 | | - | |
| 2 Overall rating of the course [one of the best (5)–one of the worst (1)] | 4.0 | 0.58 | 3.54 - 4.46 | 3.9 | 3.76 - 4.11 | | - | |
| 3 Amount learned [an exceptional amount (5)–almost nothing (1)] | 3.9 | 1.07 | 3.00 - 4.71 | 3.8 | 3.70 - 3.99 | | - | |
| 4 Overall instructor comparison [one of the most effective (5)–least effective (1)] | 3.9 | 0.69 | 3.30 - 4.41 | 3.9 | 3.70 - 4.10 | | - | |
| 5 Usefulness of the in-class activities [almost always useful (5)–almost never useful (1)] | 4.1 | 0.90 | 3.42 - 4.86 | 4.2 | 4.05 - 4.34 | | - | |
| 6 Usefulness of the outside assignments [almost always useful (5)–almost never useful (1)] | 3.9 | 0.69 | 3.30 - 4.41 | 4.3 | 4.20 - 4.42 | | - | |
| 7 Usefulness of course materials (new question) [almost always useful (5)–almost never useful (1)] | 3.7 | 0.76 | 3.11 - 4.32 | 4.2 | 4.03 - 4.28 | | - | |
| 8 Students treated with respect [strongly agree (5)–strongly disagree (1)] | 4.7 | 0.49 | 4.32 - 5.00 | 4.7 | 4.61 - 4.82 | | - | |
| 9 Difficulty level of the course (new order) [extremely difficult (5)–extremely easy (1)] | 3.3 | 0.95 | 2.52 - 4.05 | 3.7 | 3.57 - 3.81 | | - | |
| 10 Value of time spent on course [almost all valuable (5)–almost none valuable (1)] | 4.3 | 0.49 | 3.90 - 4.68 | 4.3 | 4.20 - 4.44 | | - | |

