

## Q1 What year did you take Foundations of Physics (PHYS1001)?

Answered: 48 Skipped: 0

| #  | Responses                               | Date                |
|----|---|---------------------|
| 1  | In 2013.                                | 2/18/2014 8:18 AM   |
| 2  | 2013                                    | 2/10/2014 1:04 PM   |
| 3  | 2013                                    | 1/21/2014 2:10 PM   |
| 4  | 2012                                    | 1/18/2014 10:11 PM  |
| 5  | 2011                                    | 1/15/2014 8:31 AM   |
| 6  | 2013                                    | 1/14/2014 5:30 PM   |
| 7  | 2013                                    | 1/14/2014 12:32 PM  |
| 8  | 2011                                    | 1/14/2014 11:22 AM  |
| 9  | 2012                                    | 1/14/2014 11:05 AM  |
| 10 | 2012                                    | 1/14/2014 11:01 AM  |
| 11 | 2011                                    | 1/14/2014 9:23 AM   |
| 12 | 2012                                    | 1/11/2014 10:31 AM  |
| 13 | 2012                                    | 1/8/2014 2:43 AM    |
| 14 | 2013                                    | 1/3/2014 1:38 PM    |
| 15 | 2013                                    | 12/26/2013 9:25 PM  |
| 16 | 2012                                    | 12/23/2013 9:24 AM  |
| 17 | 2013                                    | 12/22/2013 6:25 PM  |
| 18 | 2011 (First year of my Bachelor degree) | 12/21/2013 9:34 PM  |
| 19 | 2013                                    | 12/20/2013 8:03 AM  |
| 20 | 2013                                    | 12/18/2013 9:51 PM  |
| 21 | 2011                                    | 12/18/2013 10:56 AM |
| 22 | 2011                                    | 12/17/2013 8:52 PM  |
| 23 | 2011                                    | 12/16/2013 8:12 AM  |
| 24 | 2012                                    | 12/15/2013 8:56 PM  |
| 25 | 2011                                    | 12/14/2013 1:46 PM  |
| 26 | 2011                                    | 12/14/2013 1:04 PM  |
| 27 | 2012                                    | 12/14/2013 12:58 PM |
| 28 | 2013                                    | 12/14/2013 2:41 AM  |
| 29 | 2013                                    | 12/14/2013 1:26 AM  |
| 30 | 2011                                    | 12/13/2013 11:52 PM |
| 31 | 2013 Sem 1                              | 12/13/2013 6:45 PM  |
| 32 | 2011                                    | 12/13/2013 1:43 PM  |
| 33 | 2012                                    | 12/13/2013 12:38 PM |
| 34 | 1st                                     | 12/13/2013 9:54 AM  |
| 35 | 2011                                    | 12/13/2013 9:36 AM  |

## Foundation of Physics Past Students

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|    |                                |                     |
|----|--------------------------------|---------------------|
| 36 | 2012                           | 12/13/2013 9:14 AM  |
| 37 | Semester 1 2011                | 12/13/2013 9:06 AM  |
| 38 | 2013                           | 12/12/2013 10:33 PM |
| 39 | 2012                           | 12/12/2013 7:50 PM  |
| 40 | 2011                           | 12/12/2013 6:26 PM  |
| 41 | 2011                           | 12/12/2013 5:44 PM  |
| 42 | 2012                           | 12/12/2013 4:53 PM  |
| 43 | First year                     | 12/12/2013 4:42 PM  |
| 44 | 2013                           | 12/12/2013 3:42 PM  |
| 45 | 2012                           | 12/12/2013 3:35 PM  |
| 46 | First semester this year, 2013 | 12/12/2013 3:22 PM  |
| 47 | 2012                           | 12/12/2013 2:26 PM  |
| 48 | 2012                           | 12/12/2013 2:18 PM  |

## Q2 What program of study are you enrolled in? (e.g. BSc, PhB)

Answered: 48 Skipped: 0

| #  | Responses  | Date                |
|----|--|---------------------|
| 1  | BIT.   | 2/18/2014 8:18 AM   |
| 2  | Associate Degree   | 2/10/2014 1:04 PM   |
| 3  | BMedSci  | 1/21/2014 2:10 PM   |
| 4  | BMedSc   | 1/18/2014 10:11 PM  |
| 5  | BEngineering/BSc   | 1/15/2014 8:31 AM   |
| 6  | Bachelor of Science/ Bachelor of Engineering (Honours)                   | 1/14/2014 5:30 PM   |
| 7  | BE   | 1/14/2014 12:32 PM  |
| 8  | B Sc   | 1/14/2014 11:22 AM  |
| 9  | Bachelor of Software Engineering   | 1/14/2014 11:05 AM  |
| 10 | BEng   | 1/14/2014 11:01 AM  |
| 11 | BSc  | 1/14/2014 9:23 AM   |
| 12 | Bachelor of Engineering  | 1/11/2014 10:31 AM  |
| 13 | BSc  | 1/8/2014 2:43 AM    |
| 14 | BSc  | 1/3/2014 1:38 PM    |
| 15 | BSc  | 12/26/2013 9:25 PM  |
| 16 | Bachelor Engineering/Arts  | 12/23/2013 9:24 AM  |
| 17 | BMSc   | 12/22/2013 6:25 PM  |
| 18 | I was enrolled in Bachelor of Science and graduated this week.           | 12/21/2013 9:34 PM  |
| 19 | BSc Science and BSc Asia Pacific Studies                                 | 12/20/2013 8:03 AM  |
| 20 | Bachelor of Medical Science  | 12/18/2013 9:51 PM  |
| 21 | Bachelor of Medical Science  | 12/18/2013 10:56 AM |
| 22 | Bachelor of Engineering/Commerce   | 12/17/2013 8:52 PM  |
| 23 | BSc & BComm  | 12/16/2013 8:12 AM  |
| 24 | Bachelor of Medical Science  | 12/15/2013 8:56 PM  |
| 25 | Bachelor of software engineering   | 12/14/2013 1:46 PM  |
| 26 | BMedSc   | 12/14/2013 1:04 PM  |
| 27 | BMedSc   | 12/14/2013 12:58 PM |
| 28 | None, was BEng but was not allowed to restart degree so had to leave ANU | 12/14/2013 2:41 AM  |
| 29 | BSc  | 12/14/2013 1:26 AM  |
| 30 | bachelor of Engineering  | 12/13/2013 11:52 PM |
| 31 | Associate Degree Specialising in Science which integrates into BSc       | 12/13/2013 6:45 PM  |
| 32 | BSc/BEd  | 12/13/2013 1:43 PM  |
| 33 | BSc  | 12/13/2013 12:38 PM |
| 34 | BIT  | 12/13/2013 9:54 AM  |
| 35 | Bachelor of Biotechnology.   | 12/13/2013 9:36 AM  |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 36 | IT   | 12/13/2013 9:14 AM  |
| 37 | I am enrolled in a Bachelor of Engineering   | 12/13/2013 9:06 AM  |
| 38 | BSc  | 12/12/2013 10:33 PM |
| 39 | BComm/BEngineering   | 12/12/2013 7:50 PM  |
| 40 | Bachelor of Medical Science  | 12/12/2013 6:26 PM  |
| 41 | Engineering  | 12/12/2013 5:44 PM  |
| 42 | BSc  | 12/12/2013 4:53 PM  |
| 43 | Bachelor of Medical Science  | 12/12/2013 4:42 PM  |
| 44 | BSc  | 12/12/2013 3:42 PM  |
| 45 | Bachelor of Engineering  | 12/12/2013 3:35 PM  |
| 46 | I was a study abroad student from the United States. I am enrolled in the Arts and Science program at Indiana University though. | 12/12/2013 3:22 PM  |
| 47 | BE/BCOM  | 12/12/2013 2:26 PM  |
| 48 | Bachelor of Medical Science  | 12/12/2013 2:18 PM  |

### Q3 What area(s) have you chosen to Major in?

Answered: 47 Skipped: 1

| #  | Responses  | Date                |
|----|--|---------------------|
| 1  | Software Development.  | 2/18/2014 8:18 AM   |
| 2  | Science and technology   | 2/10/2014 1:04 PM   |
| 3  | Biotechnology/Biochemistry   | 1/21/2014 2:10 PM   |
| 4  | Medical Science  | 1/18/2014 10:11 PM  |
| 5  | Renewable energy systems natural resource management   | 1/15/2014 8:31 AM   |
| 6  | Chemistry, Sustainable Systems   | 1/14/2014 5:30 PM   |
| 7  | Electronics and mechanics probably   | 1/14/2014 12:32 PM  |
| 8  | Maths  | 1/14/2014 11:22 AM  |
| 9  | Software Engineering   | 1/14/2014 11:05 AM  |
| 10 | N/A  | 1/14/2014 11:01 AM  |
| 11 | Geology  | 1/14/2014 9:23 AM   |
| 12 | Mechanical and Material  | 1/11/2014 10:31 AM  |
| 13 | Biology  | 1/8/2014 2:43 AM    |
| 14 | forest science   | 1/3/2014 1:38 PM    |
| 15 | Biology  | 12/26/2013 9:25 PM  |
| 16 | mechanical and material/german language and culture  | 12/23/2013 9:24 AM  |
| 17 | Biology  | 12/22/2013 6:25 PM  |
| 18 | Biology.   | 12/21/2013 9:34 PM  |
| 19 | Physics  | 12/20/2013 8:03 AM  |
| 20 | Biology  | 12/18/2013 9:51 PM  |
| 21 | Medical Science  | 12/18/2013 10:56 AM |
| 22 | Mechanical and Management  | 12/17/2013 8:52 PM  |
| 23 | Environmental and Landscape science (BSc) and Accounting (BComm)   | 12/16/2013 8:12 AM  |
| 24 | Biology  | 12/15/2013 8:56 PM  |
| 25 | Software engineering   | 12/14/2013 1:46 PM  |
| 26 | N/A  | 12/14/2013 1:04 PM  |
| 27 | -  | 12/14/2013 12:58 PM |
| 28 | Was going to be Mechanical Engineering   | 12/14/2013 2:41 AM  |
| 29 | Physics and Math   | 12/14/2013 1:26 AM  |
| 30 | 1. Mechatronics 2. Electronics and Communication   | 12/13/2013 11:52 PM |
| 31 | I would like to complete a major in Biology (Anatomy), although this does not apply until the Associate Degree is completed. | 12/13/2013 6:45 PM  |
| 32 | Microbiology and immunology  | 12/13/2013 1:43 PM  |
| 33 | chemistry  | 12/13/2013 12:38 PM |
| 34 | Plant Science, Genetics  | 12/13/2013 9:36 AM  |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 35 | Software development   | 12/13/2013 9:14 AM  |
| 36 | I am majoring in Mechanical and Materials and Renewable Systems                | 12/13/2013 9:06 AM  |
| 37 | Biology  | 12/12/2013 10:33 PM |
| 38 | Management/ Renewable  | 12/12/2013 7:50 PM  |
| 39 | Medical Science  | 12/12/2013 6:26 PM  |
| 40 | Electronics  | 12/12/2013 5:44 PM  |
| 41 | Mathematics  | 12/12/2013 4:53 PM  |
| 42 | Biology  | 12/12/2013 4:42 PM  |
| 43 | Mathematics & Physics  | 12/12/2013 3:42 PM  |
| 44 | Mechatronics   | 12/12/2013 3:35 PM  |
| 45 | I am double majoring in Neuroscience and Outdoor Recreation, Parks and Ecology | 12/12/2013 3:22 PM  |
| 46 | Mechanics and Materials Engineering  | 12/12/2013 2:26 PM  |
| 47 | MEdical Science  | 12/12/2013 2:18 PM  |

## Q4 What area(s), if any, are you planning to complete a minor or specialisation in?

Answered: 38 Skipped: 10

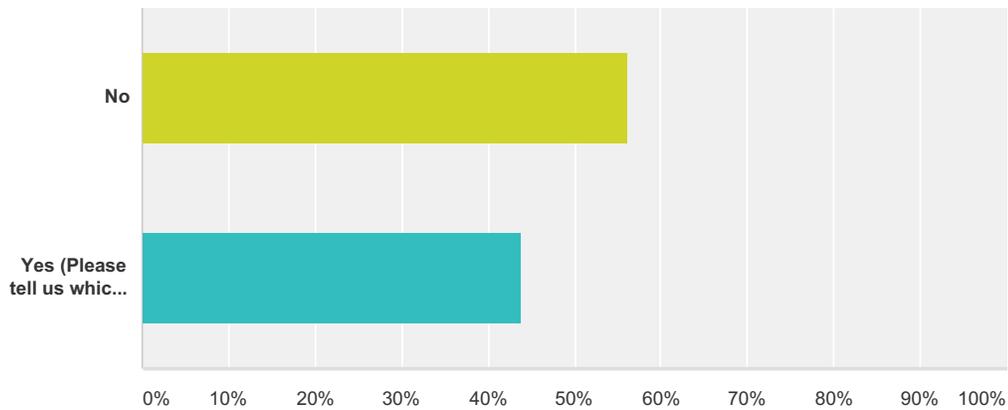
| #  | Responses  | Date                |
|----|--|---------------------|
| 1  | IT and new web.  | 2/18/2014 8:18 AM   |
| 2  | N/A  | 1/21/2014 2:10 PM   |
| 3  | N/A  | 1/18/2014 10:11 PM  |
| 4  | none   | 1/15/2014 8:31 AM   |
| 5  | Maths  | 1/14/2014 5:30 PM   |
| 6  | Unsure as yet  | 1/14/2014 11:22 AM  |
| 7  | N/A  | 1/14/2014 11:01 AM  |
| 8  | No   | 1/14/2014 9:23 AM   |
| 9  | electrical   | 1/11/2014 10:31 AM  |
| 10 | Neuroscience and Physiology  | 1/8/2014 2:43 AM    |
| 11 | Immunology   | 12/26/2013 9:25 PM  |
| 12 | Chemistry/Psychology   | 12/22/2013 6:25 PM  |
| 13 | I undertook all the courses making up the Neuroscience and Physiology minor however was unsuccessful in getting it registered just prior to graduation as it was a part of the new 2012 rules and not the 2011 ones I was under. | 12/21/2013 9:34 PM  |
| 14 | Chemistry or Math  | 12/20/2013 8:03 AM  |
| 15 | Physics  | 12/18/2013 9:51 PM  |
| 16 | Renewable and business   | 12/17/2013 8:52 PM  |
| 17 | water science and policy   | 12/16/2013 8:12 AM  |
| 18 | I have no idea :( Biology again maybe? (p.s. med sci has no majors or minors)  | 12/15/2013 8:56 PM  |
| 19 | N/A  | 12/14/2013 1:04 PM  |
| 20 | Biology  | 12/14/2013 12:58 PM |
| 21 | None   | 12/14/2013 2:41 AM  |
| 22 | none   | 12/14/2013 1:26 AM  |
| 23 | NO, because double majors  | 12/13/2013 11:52 PM |
| 24 | I would like to complete a minor in Statistics   | 12/13/2013 6:45 PM  |
| 25 | Chemistry Inclusive education  | 12/13/2013 1:43 PM  |
| 26 | math   | 12/13/2013 12:38 PM |
| 27 | Microbiology, Genetics   | 12/13/2013 9:36 AM  |
| 28 | not sure   | 12/13/2013 9:14 AM  |
| 29 | I may be eligdable for a minor in mathematics but the majority of my courses have been taken up by my two majors.  | 12/13/2013 9:06 AM  |
| 30 | Chemistry  | 12/12/2013 10:33 PM |
| 31 | Unsure   | 12/12/2013 7:50 PM  |
| 32 | N/A  | 12/12/2013 6:26 PM  |
| 33 | Minor in physics, possibly a specialisation in astrophysics.   | 12/12/2013 4:53 PM  |
| 34 | Non Applicable   | 12/12/2013 4:42 PM  |

## Foundation of Physics Past Students

|    |                      |                    |
|----|----------------------|--------------------|
| 35 | Chemistry            | 12/12/2013 3:42 PM |
| 36 | Recreational Therapy | 12/12/2013 3:22 PM |
| 37 | Electronics          | 12/12/2013 2:26 PM |
| 38 | none                 | 12/12/2013 2:18 PM |

### Q5 Did you/are you considering taking further physics courses?

Answered: 48 Skipped: 0



| Answer Choices  | Responses |
|---|-----------|
| No  | 56.25% 27 |
| Yes (Please tell us which courses in the space below) | 43.75% 21 |
| <b>Total</b>  | <b>48</b> |

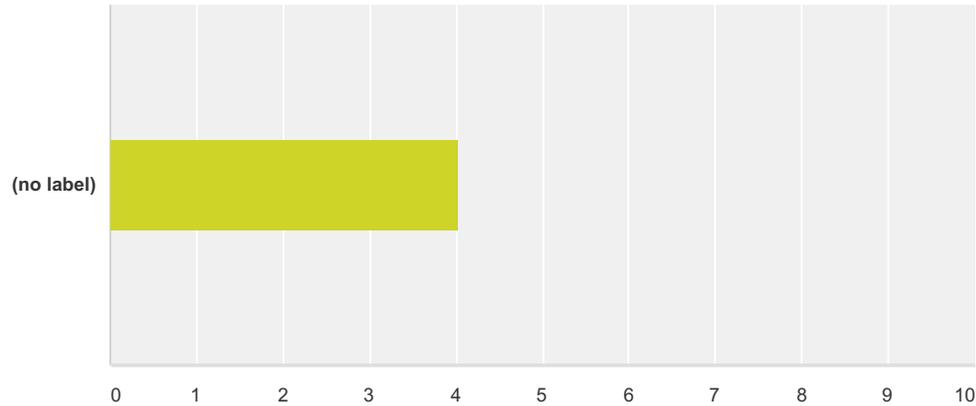
| #  | Yes (Please tell us which courses in the space below)   | Date                |
|----|---|---------------------|
| 1  | Phys 1101   | 2/10/2014 1:04 PM   |
| 2  | I took PHYS1004 and was considering entering into PHYS1101  | 1/21/2014 2:10 PM   |
| 3  | Life Physics in the semester following that in which foundations of physics was undertaken.   | 1/18/2014 10:11 PM  |
| 4  | I really was energised by the Foundations course. I had not done Physics since year 10 in high school (and that was in 1965). I had been studying a lots of maths (post retirement from an economics academic position), but had trouble in a third year maths course on PDEs, in part due to the fact that all the examples where using physics. Given my positive experience I would like to do regular first year physics and possibly more but have trouble fitting it into a part time program. It is on y agenda for a future year. | 1/14/2014 11:22 AM  |
| 5  | Physics 1011. I have completed it in 2013.  | 1/11/2014 10:31 AM  |
| 6  | PHYS1004  | 1/8/2014 2:43 AM    |
| 7  | major in physics  | 1/3/2014 1:38 PM    |
| 8  | Not sure, depending on what i need for a mechanical and material major/what i have space for!   | 12/23/2013 9:24 AM  |
| 9  | Physics 1 & 2 and more which i havent decided to complete a major in it   | 12/20/2013 8:03 AM  |
| 10 | Life Physics  | 12/18/2013 9:51 PM  |
| 11 | I also completed the first year life physics course in second semester of my first year of uni.   | 12/18/2013 10:56 AM |
| 12 | Astronomy   | 12/15/2013 8:56 PM  |
| 13 | PHYS1004 - Life Physics   | 12/14/2013 12:58 PM |
| 14 | PHYS 2016 and PHYS 2020   | 12/14/2013 1:26 AM  |
| 15 | I'm not sure yet..  | 12/13/2013 6:45 PM  |
| 16 | Astrophysics, Astronomy, Astrobiology, Quantum Mechanics, Theoretical Physics, etc..  | 12/13/2013 9:36 AM  |
| 17 | Taken: Phys1201, phys2013, astr3002 Enrolled in: astr3007   | 12/12/2013 4:53 PM  |

## Foundation of Physics Past Students

|    |  |                    |
|----|--|--------------------|
| 18 | Physics 2, possibly theoretical physics/particle physics | 12/12/2013 3:42 PM |
| 19 | General Physics 1 and General Physics 2                  | 12/12/2013 3:22 PM |
| 20 | PHYS1001   | 12/12/2013 2:26 PM |
| 21 | PHYS1101   | 12/12/2013 2:18 PM |

**Q6 On a scale from 1-5 (1-Weakly supported, 5-Strongly supported), please rank how your experience in Foundations of Physics has supported your continuing studies, in general?(By "in general", we mean your study habits, study techniques and skills, and/or any useful general knowledge, etc.)**

Answered: 48 Skipped: 0



|            | 1          | 2          | 3           | 4            | 5            | Total | Weighted Average |
|------------|------------|------------|-------------|--------------|--------------|-------|------------------|
| (no label) | 2.08%<br>1 | 2.08%<br>1 | 14.58%<br>7 | 54.17%<br>26 | 27.08%<br>13 | 48    | 4.02             |

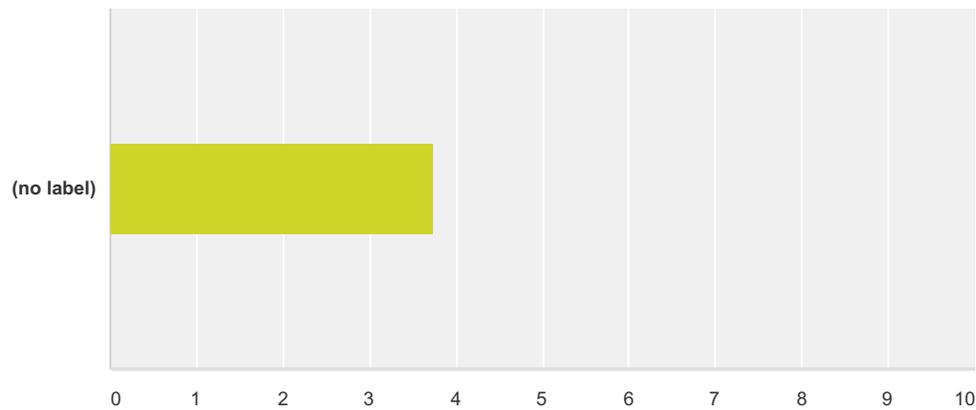
| # | Please give some examples  | Date               |
|---|--|--------------------|
| 1 | The support for the course was excellent. I cant think of a bad thing to say about the support.  | 2/10/2014 1:04 PM  |
| 2 | It taught me some important skills in being creative with design and bringing ideas from paper into a more complex environment/putting learned skills into play. The ways of thinking taught, in addition of course to the physics, has been very helpful in developing my ability in tackling problems where abstract mathematical thinking may be required.  | 1/18/2014 10:11 PM |
| 3 | needed basic physic knowledge for my engineering courses   | 1/15/2014 8:31 AM  |
| 4 | Due to the high workload in this course (amount of homework and readings) I had to start doing the work on Mondays so as to not be finishing it in on the weekends. This got me into the habit of starting all assessable homework on the Monday, meaning I was finished the work by the weekend for all my courses. I also developed a note-taking system for readings from the textbook, involving sticky notes, to make sure key information was reinforced in my mind. I learn a lot about general problem solving techniques (from Johnny and also PAL) about how to approach problems without panicking, which helped in all my classes. | 1/14/2014 5:30 PM  |
| 5 | I really saw the advantage of staff commitment to both teaching and research in this course - a rare combination but inspiring when you experience it.   | 1/14/2014 11:22 AM |
| 6 | Getting familiar with webassign. Creating practical and hypothetical experiments to analyse situations.  | 1/11/2014 10:31 AM |
| 7 | Weekly quizzes promote continual learning rather than a desperate scramble at the end of semester  | 1/8/2014 2:43 AM   |
| 8 | scientific method study habits research and writing  | 1/3/2014 1:38 PM   |
| 9 | Though I don't intend to do more physics the class made me aware and how to go about getting support at subject that you have intrress in but lack strength. Many of the concepts when on to help in chemistry. My skills in devoloping a hypothis have help greatly in my biology study's.  | 12/26/2013 9:25 PM |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 10 | the weekly homework habits come in very handy  | 12/23/2013 9:24 AM  |
| 11 | - Very good feedback from lecturers - Few PAL sessions   | 12/22/2013 6:25 PM  |
| 12 | The labs were very useful in terms of getting us to think about the practical/experiment to be conducted and devising means of reaching the aim rather than following a set of instructions as you would in chemistry or biology labs. Strong emphasis was made on keeping our log books up to scratch and calculating error values/percentages, both of which served to be very useful in other courses throughout my degree.   | 12/21/2013 9:34 PM  |
| 13 | I decided to pursue a major in physcs  | 12/20/2013 8:03 AM  |
| 14 | I enjoyed the course, but as my major is in biology I think I probably used different study habits in the rest of my years at uni. However, I think the course was really fun and I definitely picked up lots of useful knowledge.   | 12/18/2013 10:56 AM |
| 15 | It's been a large help with engineering, especially Newtonian physics for mechanical engineering   | 12/17/2013 8:52 PM  |
| 16 | provided a good introduction to general strong study habits that differ from high school study.  | 12/16/2013 8:12 AM  |
| 17 | Where do i begin? 1. Being comfortable to approach lectureres as they're just there to help you! 2. No question is a stupid question, i remember this one time when we were trying to experimentally calculate the speed of gravity which involved the rearrangement of a couple formulas. I had no idea how to do it but regardless of this fact the lecturers made it extremely easy to understand and why it was being done. 3. Awesome feedback on assignment 4. Continuous feedback as to how we were going throughout the semester. They made us feel as though it was never ever too late to do better! | 12/15/2013 8:56 PM  |
| 18 | Some engineering courses requires a knowledge of physics   | 12/14/2013 1:46 PM  |
| 19 | Collaboration and discussion with others   | 12/14/2013 12:58 PM |
| 20 | that makes me interested in physics abd being physicist. I learned how to do experiment in a team.   | 12/14/2013 1:26 AM  |
| 21 | this course is quite basic, it provide sufficient amount of labs which teach us writing lab report. This is really good for further science study  | 12/13/2013 11:52 PM |
| 22 | Preparation for labs, approach to online assessment  | 12/13/2013 1:43 PM  |
| 23 | Web assign encouraged to work through the book.  | 12/13/2013 9:54 AM  |
| 24 | Estimates and predictions.   | 12/13/2013 9:36 AM  |
| 25 | Being such a practical class it gave me a super confidence boost with my uni. Because most my other courses seemed irrelevant to my major seeing as i haven't done to much in the way of programming.  | 12/13/2013 9:14 AM  |
| 26 | The foundations of physics course provided a basis of conceptual knowledge in regards to the underlying laws that govern life as we know it, which was an essential part of the early learning in engineering.   | 12/13/2013 9:06 AM  |
| 27 | Group work both inside and outside of classes homework questions and labs. Useful general knowledge for second semester physics course. Learnt how to study certain topics for exams and develop skills and techniques to answer questions asked during lectures, labs and homework.   | 12/12/2013 10:33 PM |
| 28 | gave me a general idea of physics concepts   | 12/12/2013 7:50 PM  |
| 29 | Have me a sound knowledge of the basics of physics   | 12/12/2013 5:44 PM  |
| 30 | Some of the techniques I used to create graphs, data analyses etc., were used in further courses in Biology.   | 12/12/2013 4:42 PM  |
| 31 | Both my maths and physics knowledge grew substantially, it has made both lines study easier  | 12/12/2013 3:42 PM  |
| 32 | get help from every tuesday labs, the lecture and assignments helps too.   | 12/12/2013 3:35 PM  |
| 33 | Johnny and Nick were wonderful instructors and created web assign problems that were challenging yet very helpful in learning the material. I learned how to manage my time in order to be able to ask questions in Friday's class before the assignment was due on Sunday. I also learned that not everything needs a definite answer. The labs were awesome because they allowed us to explore concepts we were learning without being penalized if we didn't get exactly the right answer as long as we could explain why we did what we did and how we could improve.                                      | 12/12/2013 3:22 PM  |

**Q7 On a scale from 1-5 (1-Weakly supported, 5-Strongly supported), please rank how your experience in Foundations of Physics has specifically supported your continuing studies?(By "specifically, we mean specific knowledge you gained about physics, experiments, creativity, hypothesising or problem solving, and how it applies to your major/minor.)**

Answered: 48 Skipped: 0



|            | 1          | 2           | 3            | 4            | 5           | Total | Weighted Average |
|------------|------------|-------------|--------------|--------------|-------------|-------|------------------|
| (no label) | 0.00%<br>0 | 10.42%<br>5 | 25.00%<br>12 | 45.83%<br>22 | 18.75%<br>9 | 48    | 3.73             |

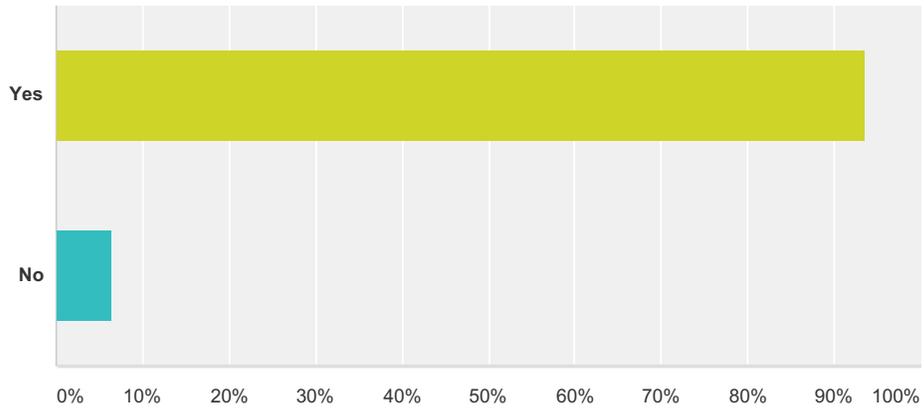
| # | Please give some examples  | Date               |
|---|--|--------------------|
| 1 | The continuation of physics and applying known knowledge to my other experiences.  | 1/21/2014 2:10 PM  |
| 2 | Similar to as mentioned above, the skills have helped me with its use in integrating physics ideas into other areas, like cellular biology and anatomy (functionality) (i.e. being better able to understand concepts and how things work). The problem solving has/is invaluable, particularly in answering questions in situations such as the gamsat, where I may not necessarily be able to recall a specific formula but knowing the background and patterns I am able to work out the questions using what I learnt. | 1/18/2014 10:11 PM |
| 3 | PHYS1001 focused strongly on understanding the content and solving problems from there, instead of rote learning solutions to answers. This has greatly helped me in my other studies, where I try now to understand and work through the content and then solve questions, working on the how and why instead of just getting the right answer.   | 1/14/2014 5:30 PM  |
| 4 | At this point I have not done more physics so it is hard to be specific. I do have a better understanding of PDEs, though, and I think a recent maths course I did benefited from this.  | 1/14/2014 11:22 AM |
| 5 | For the Physics 1011 this course provided a good introduction.   | 1/11/2014 10:31 AM |
| 6 | Problem solving - useful when you need to extrapolate information from a question you are unsure of. Torques, Resistance, and pressure/flow useful in physiology.  | 1/8/2014 2:43 AM   |
| 7 | Ref question 6.  | 12/26/2013 9:25 PM |
| 8 | a knowledge of physics comes in pretty handy for an engineering degree it turns out!   | 12/23/2013 9:24 AM |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 9  | Having done a major in physics in college, this course helped refresh all that physics knowledge after an inevitable gap year I took in between uni and college. In terms of the science degree, it did not contribute to my Biology major significantly however it was an elective worth taken. I was enrolled in B. of Medical Science to start off with hence could not continue physics in second year as I undertook the Foundations course and not the Advanced ones. The weekly homework exercises definitely enhanced my problem solving skills and the lab work was very relevant in terms of hypothesising and creativity.                   | 12/21/2013 9:34 PM  |
| 10 | I very much like the labs as I was made to think in a different as we had to reach a goal using the concepts we had learnt but not given a narrow road in which to walk towards it. As a result there were always different way different groups completed the experiment.   | 12/20/2013 8:03 AM  |
| 11 | My major was medical science, so the course didn't really specifically support my continuing studies. However, I still think I probably picked up some useful information about experimental design and problem solving.   | 12/18/2013 10:56 AM |
| 12 | It was overall a good experience and had a lot of practical AND theoretical use.   | 12/17/2013 8:52 PM  |
| 13 | did not continue with a physics and maths major as intended when i took the course so it hasn't really supported much of my further study  | 12/16/2013 8:12 AM  |
| 14 | GAMSAT preparation   | 12/14/2013 1:04 PM  |
| 15 | Problem solving and experimental design has helped with many of the biology courses that I have completed.   | 12/14/2013 12:58 PM |
| 16 | Liquid nitrogen ice cream  | 12/14/2013 2:41 AM  |
| 17 | When I solve a physics problem, do some estimation step by step. It helps me understand the problem.   | 12/14/2013 1:26 AM  |
| 18 | I didn't learn much physics knowledge from this class, I'm sorry. Probably they are already covered in my high school course. But i still believe it is necessary as first year course to introduce essential science techniques for further study in uni  | 12/13/2013 11:52 PM |
| 19 | Basic physics principles that I can apply to biology an chemistry. I will also be qualified to teach physics in high schools once I graduate.  | 12/13/2013 1:43 PM  |
| 20 | I didn't do any more physics course but I did mechanics and electronics.   | 12/13/2013 9:54 AM  |
| 21 | Not useful in any courses I took but rather an advantageous knowledge if I choose to do some researches.   | 12/13/2013 9:36 AM  |
| 22 | With the help of the foundations of physics course i got a very broad range of knowledge on different physics subjects providing me with plenty of resource for my future game developments.   | 12/13/2013 9:14 AM  |
| 23 | Nick was a great advocate of encouraging us to make well founded assumptions and draw conclusions with the aid of these assumptions. For example, what is the mass of mt everest? Such processes although seemingly irrelevant to engineering at the time, have proven to be invaluable in the courses that I have undertaken in the past few years.   | 12/13/2013 9:06 AM  |
| 24 | It's helped problem solving by tackling questions differently/ from another angle. Helped thinking creatively by coming up with practicals to justify our understanding of the topic. This helps in the future towards my major and minor as a course that I will likely be undertaking in the future is practical designs.  | 12/12/2013 10:33 PM |
| 25 | I learned how to write a physics paper properly thanks to great tips given throughout the semester   | 12/12/2013 3:42 PM  |
| 26 | This Physics course helped shape the way I look at science questions and how I think about my outdoor activities too. In class we learned how to calculate what the length of a bungee rope would need to be to jump safely. I can apply those skills in my Rock climbing class as well as my calculus class so it's a win win! The experiments were exceptionally helpful because I was presented with a question that I generally could not answer right away and forced to build things and try different methods to figure it out all while applying equations. It helped me create my own hypothesis and problem solve to find the best solution. | 12/12/2013 3:22 PM  |

**Q8 Overall, do you feel that Foundations of Physics was a valuable course, with transferable knowledge and skills, for your degree?**

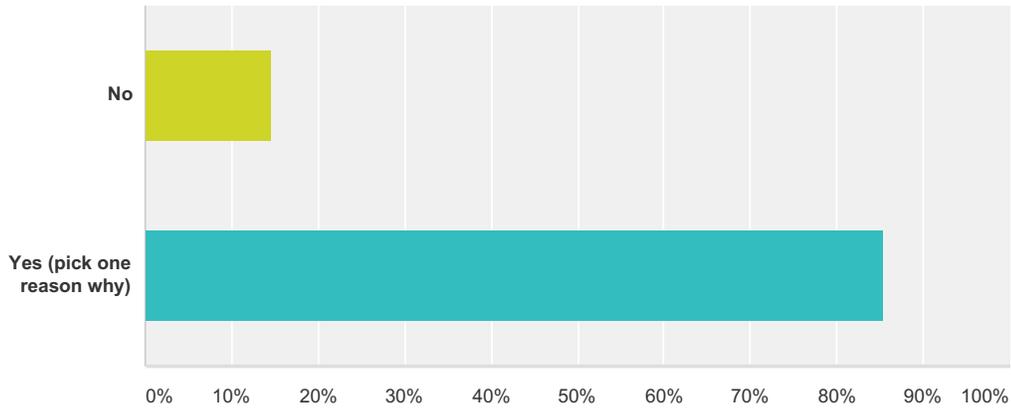
Answered: 47 Skipped: 1



| Answer Choices | Responses |
|----------------|-----------|
| Yes            | 93.62% 44 |
| No             | 6.38% 3   |
| <b>Total</b>   | <b>47</b> |

## Q9 Would you recommend Foundations of Physics to an incoming 1st year (or even 2nd year) student, majoring in a similar area to you?

Answered: 48 Skipped: 0



| Answer Choices            | Responses |           |
|---------------------------|-----------|-----------|
| No                        | 14.58%    | 7         |
| Yes (pick one reason why) | 85.42%    | 41        |
| <b>Total</b>              |           | <b>48</b> |

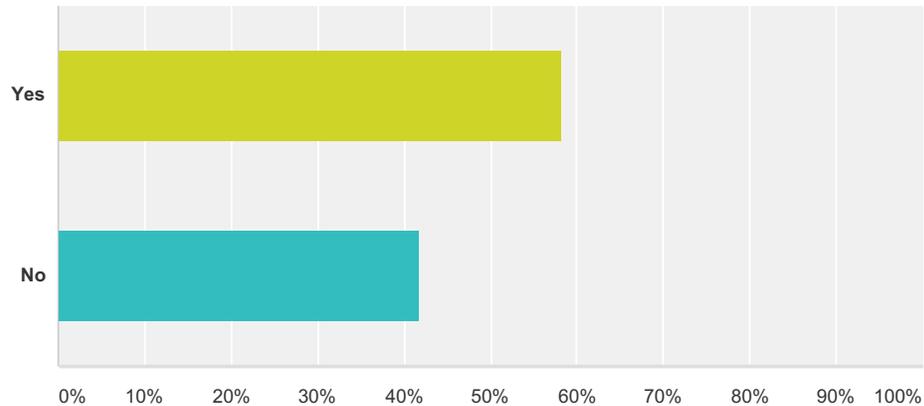
| #  | Yes (pick one reason why)   | Date               |
|----|---|--------------------|
| 1  | Physics is an important course for computer science.  | 2/18/2014 8:18 AM  |
| 2  | It is an excellent introduction inot university physics.  | 2/10/2014 1:04 PM  |
| 3  | Physics is often skipped by people in my particular area of study and can be extremely difficult, I found that PHYS1001 made it a lot easier to learn and digest than I had previously thought possible.  | 1/18/2014 10:11 PM |
| 4  | need basic knowledge for engineering  | 1/15/2014 8:31 AM  |
| 5  | Although if they were an Engineering student I would advise them to pick PHYS1101 as it works better with the other courses, for any science students or engineering students with no or only basic physics knowledge, PHYS1001 provides a strongly supported course where the emphasis is on learning by experimentation and learning how to do things, not just rote learning how to answer questions.  | 1/14/2014 5:30 PM  |
| 6  | Observing an integrated approach to teaching and research, and the clear dedication of the staff, are well worth experiencing.  | 1/14/2014 11:22 AM |
| 7  | Nice simple course which teaches some valuable physics concepts   | 1/14/2014 11:05 AM |
| 8  | The content isn't fascinating and the classes aren't structured particularly well, but the teaching quality is generally quite high. John was outstanding, Nick was quite good, the tutors - Sarah, Kyle, Adele - were absolutely brilliant tutors. Avi, however, was a horrible lecturer and shouldn't be one. Some of the guest lectures were great too. Aiden Byrne (I think his name was) was an excellent lecturer who gave such an interesting lecture. However, in much the same way as the teaching staff, there were some truly terrible guest lectures. Craig Savage was the worst lecturer I've ever experienced. To this day, he is the equal worst lecturer I've had to listen to. | 1/14/2014 11:01 AM |
| 9  | Even if it is not specifically relevant to your degree there is a lot of knowledge which can be applied to many other areas of science such as biology or biochemistry and chemistry most of which are mandatory courses in a BSc.  | 1/8/2014 2:43 AM   |
| 10 | great course  | 1/3/2014 1:38 PM   |

## Foundation of Physics Past Students

|    |   |                     |
|----|---|---------------------|
| 11 | Basic physics information and good amounts of help to truly understand it that have a very broad impact on other sciences.  | 12/26/2013 9:25 PM  |
| 12 | its fun! as opposed to gruelling  | 12/23/2013 9:24 AM  |
| 13 | Good for GAMSAT preparation   | 12/22/2013 6:25 PM  |
| 14 | Given that there's a choice of picking up a Maths, Stats, Physics or Psych elective, I would definitely recommend Physics over the three choices with the strong bias most likely due to my interest in the area of Physics. The combination of Maths and Science serves to be very useful in terms of building up problem solving skills mixed with a rich dose of creativity. | 12/21/2013 9:34 PM  |
| 15 | it encourages you to think rather than memorise   | 12/20/2013 8:03 AM  |
| 16 | Helps to understand the concepts of physics and explore them further through self controlled and carried out experiments  | 12/18/2013 9:51 PM  |
| 17 | I think it is a really fun and interesting course, and a good choice if one wanted to do an elective that is not related to their major.  | 12/18/2013 10:56 AM |
| 18 | Either PHYS1001 or PHYS1101 is a great course to get a core understanding of not only physics but how to write lab reports and represents a good course structure that is to be expected from future courses.   | 12/17/2013 8:52 PM  |
| 19 | Gets rid of the student-lecturer gap,making them easy to approach!  | 12/15/2013 8:56 PM  |
| 20 | It helps a lot to remember what we did in high school   | 12/14/2013 1:46 PM  |
| 21 | Good to learn if you didn't in high school  | 12/14/2013 1:04 PM  |
| 22 | Although it may not be relevant to the degree in terms of topics there are many skills that I developed that have been useful in the biology courses.   | 12/14/2013 12:58 PM |
| 23 | So enjoyable  | 12/14/2013 2:41 AM  |
| 24 | Like the name of the course. 'Think like a physicist'. Obviously it is important for physics students.  | 12/14/2013 1:26 AM  |
| 25 | Maybe you know all course content the lecturer talk about, but you need to learn how to study in uni from this 1000 course.   | 12/13/2013 11:52 PM |
| 26 | A very well laid out course that covers interesting topics  | 12/13/2013 6:45 PM  |
| 27 | It gives a good background to physics which I personally feel everyone who calls themselves a scientist should have.  | 12/13/2013 1:43 PM  |
| 28 | It is a good way to learn about physics for general knowledge.  | 12/13/2013 9:54 AM  |
| 29 | Knowledge, understanding and skills in physics gives you the upper hand in learning about the mechanics of how everything works (in terms of maths & physics).  | 12/13/2013 9:36 AM  |
| 30 | It is really really awesome.  | 12/13/2013 9:14 AM  |
| 31 | Foundations of physics is an excellent starting point for any engineering student as it is an approachable course that provides an environment in which positive study and reasoning methods can be developed.  | 12/13/2013 9:06 AM  |
| 32 | Its really helpful and a welcoming way to start uni   | 12/12/2013 7:50 PM  |
| 33 | As a biology student, I found that in further study courses, some understanding of physics help to understand many of the concepts better especially in human physiology course (BIOL2103). Thus, I would recommend the course.   | 12/12/2013 6:26 PM  |
| 34 | Fun course that gives a good insight into physics principles and practice   | 12/12/2013 5:44 PM  |
| 35 | It's a fun course where you can learn lots of practical physics skills  | 12/12/2013 4:53 PM  |
| 36 | To 1st years, it is a great course to help you grasp what university study is like. And also a great course to get great marks.   | 12/12/2013 4:42 PM  |
| 37 | It's a great course, we'll put together and effective   | 12/12/2013 3:42 PM  |
| 38 | some knowledge that is useful in the engineering course such as electronics and mechanics   | 12/12/2013 3:35 PM  |
| 39 | The instructors are incredible and full of so much knowledge it makes you want to learn physics and succeed!  | 12/12/2013 3:22 PM  |
| 40 | It proved a basic knowledge of physics and a way/train of thinking for future studies   | 12/12/2013 2:26 PM  |
| 41 | Need physics to do GAMSAT   | 12/12/2013 2:18 PM  |

## Q10 Has Foundations of Physics changed any preconceptions you had about physics as a subject?

Answered: 48 Skipped: 0



| Answer Choices | Responses |
|----------------|-----------|
| Yes            | 58.33% 28 |
| No             | 41.67% 20 |
| <b>Total</b>   | <b>48</b> |

| #  | How so/why not?  | Date               |
|----|--|--------------------|
| 1  | I always like Physics and foudation studies made Physics more interesting.   | 2/18/2014 8:18 AM  |
| 2  | It has only served to improve my opinion of an already enjoyable subject.  | 2/10/2014 1:04 PM  |
| 3  | N/A  | 1/21/2014 2:10 PM  |
| 4  | I often looked on physics as being very boring because it was hard to get past the maths and concepts as they were on paper. The class brought to life many of the concepts, brought them into 3D where I could see their real applications and it generally made it a lot more interesting and fun. | 1/18/2014 10:11 PM |
| 5  | the way the course was set out with experiments to demonstrate the theories, was a fun way of learning   | 1/15/2014 8:31 AM  |
| 6  | I went into physics thinking it was boring and difficult. By the end of the semester I just thought it was difficult, although I understood how much easier it was when you put the work in and tried harder to understand.  | 1/14/2014 5:30 PM  |
| 7  | I am now really interested in studying more physics because the experience has renewed my interest in wanting to understand things. However, I currently have time problems fitting the further study in - but intend to do so later.  | 1/14/2014 11:22 AM |
| 8  | Did a little physics in college and it was fairly similar  | 1/14/2014 11:05 AM |
| 9  | Physics is hugely useful. Sound stupid, but I had always thought the applications of physics were pretty limited. Also changed my ideas about physicists. Sarah, for example, was pretty hot -- not normally something you think of when you think of a physicist.                                   | 1/14/2014 11:01 AM |
| 10 | I always consider physics intersting   | 1/14/2014 9:23 AM  |
| 11 | Before this course I had done physics and this was similar to a review of the academic material. So it did not add enough to my understanding to change my perception.   | 1/11/2014 10:31 AM |
| 12 | the way the course was lectured showed physics in an interesting and engaging way  | 1/3/2014 1:38 PM   |
| 13 | No, I alway knew the concepts were hard to comprehend and how you have to change the hole way you view the world. But it's another thing to expience it.   | 12/26/2013 9:25 PM |
| 14 | Pretty much what I expected, however the teaching style was a pleasant surprise  | 12/22/2013 6:25 PM |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 15 | Not particularly as I've done Physics in college throughout the two years hence, apart from the concept of Relativity and its complex yet somewhat interesting nature all else was pretty much the same.   | 12/21/2013 9:34 PM  |
| 16 | it was still physics   | 12/20/2013 8:03 AM  |
| 17 | Physics seemed a bit daunting to me before completing this course, but after doing it I wished I had done physics in high school as I definitely think it was something I would have possibly liked to pursue at university.   | 12/18/2013 10:56 AM |
| 18 | Much of it I had already learnt from high school but it was good to go through it again in a university setting  | 12/17/2013 8:52 PM  |
| 19 | It is not as hard as people think  | 12/16/2013 8:12 AM  |
| 20 | This was my second attempt and I found things lot easier to understand than the first time around  | 12/14/2013 2:41 AM  |
| 21 | I thought Physics were a precise discipline. But the course told me that when physicist thinks, Estimation is a common and useful method for solving the problem.  | 12/14/2013 1:26 AM  |
| 22 | I think labs are most valuable content in this course, it is totally different from high school physics. We need to think more deeper as we perform the lab but not just following lab instructions  | 12/13/2013 11:52 PM |
| 23 | It has made me more interested in life physics   | 12/13/2013 6:45 PM  |
| 24 | Physics is about being curioius.   | 12/13/2013 9:54 AM  |
| 25 | But I do get better explanation regarding physics concept and some very useful skills/knowledge.   | 12/13/2013 9:36 AM  |
| 26 | It showed me a lot more than i thought there was in physics. Previous physics courses i took in high school were very slow and not engaging.   | 12/13/2013 9:14 AM  |
| 27 | I did not do physics in college and did not particularly enjoy physics as a subject in high school, and yet i thouroughly enjoyed the foundation of physics course immensely. The combination of theoretical and lab work gave a well rounded learning experience and gave room for students to genuinely develop an understanding of the concepts being taught. | 12/13/2013 9:06 AM  |
| 28 | I never did physics before this course. So it was a nice course to ease into physics and it was fairly broad. It also helped into easing into studying habits because it encouraged me to studying the topics in depth to understand.  | 12/12/2013 10:33 PM |
| 29 | Introduce me to new concepts of physics  | 12/12/2013 5:44 PM  |
| 30 | Physics in high school was really boring, doing phys1001 made physics fun.   | 12/12/2013 4:53 PM  |
| 31 | I didn't really have any great previous knowledge of physics until this course and so didnt really have any preconceptions.  | 12/12/2013 4:42 PM  |
| 32 | It made it more fun  | 12/12/2013 3:42 PM  |
| 33 | I went into the class thinking it was going to be boring and really hard math skills but it ended up being really interesting and the math was really just plugging numbers into equations. I really enjoyed the class and thought the Instructors made it challenging yet fun and exciting.   | 12/12/2013 3:22 PM  |
| 34 | It proved that it wasn't *all* lame  | 12/12/2013 2:26 PM  |
| 35 | I used to think Physics was a dry, borin subject, but PHYS1001 has changed my conception of that   | 12/12/2013 2:18 PM  |

**Q11 At the beginning of the semester, we told you our goal was to teach you how to "Think like a Physicist." Do you understand what we meant, and do you feel that this goal was achieved in you? Please elaborate below -**

Answered: 42 Skipped: 6

| #  | Responses   | Date               |
|----|---|--------------------|
| 1  | I think I did not achieve the goal because sometimes I always focused on the answer, not the procedure. I still need to improve.  | 2/18/2014 8:18 AM  |
| 2  | I believe that i understand the meaning behind thinking like a physicist, and i believe that i am now better at thinking in an analytical and scientific manner.  | 2/10/2014 1:04 PM  |
| 3  | Yes, I now analyse all my experiments using the knowledge, and use estimations and extrapolations of those to help with my other subjects.  | 1/21/2014 2:10 PM  |
| 4  | Yeah, definitely. I am not a mastermind now in any sense of the word, but doing the course has made me a lot better at rationalising through a question and learning to be creative with what is given to you. I used to be spooked by questions that required a lot of innovation and lateral thinking but now such questions, no matter how hard, seem possible and I find it a lot easier to work through the questions and complete them. | 1/18/2014 10:11 PM |
| 5  | can't remember sorry :(   | 1/15/2014 8:31 AM  |
| 6  | I feel [Foundations of Physics] focused strongly on learning and understanding for yourself why and how things worked. Throughout the course, the emphasis was on discovering and hypothesising for yourself why something worked, and learning the basic concepts through examples. The key question was why. I now focus in everything I do on learning why something happens, instead of accepting provided answers.                       | 1/14/2014 5:30 PM  |
| 7  | Yes. I learned estimating something using general knowledge.  | 1/14/2014 12:32 PM |
| 8  | One interesting idea was the emphasis on estimation. I see physics now as requiring an appreciation of this, with a desire to check out the estimates in a consistent way - as rigorously as possible. However, at this point as far as I have got is to be more confident in estimation based on an understanding of logical connections.  | 1/14/2014 11:22 AM |
| 9  | Yes, i guess it was about your critical thinking and how to estimate an answer to a question or think about whats going on in the world on a physical level.  | 1/14/2014 11:05 AM |
| 10 | I think you taught people how to 'think like a physicist' as much as is possible in a 13-week introductory course.  | 1/14/2014 11:01 AM |
| 11 | Can't really remember this..  | 1/14/2014 9:23 AM  |
| 12 | "Think like a Physicist" is the ability to identify and understand physical processes. Although I think for me this had not changed much by the end of the course, I did improve in area such as report writing and organizing experiments. These are important skills to a physicist so it probably made me a "Better Physicist".  | 1/11/2014 10:31 AM |
| 13 | Yes I understand what you meant, however I don't always 'think like a physicist'. The idea can be useful as mentioned above when trying to extrapolate an answer from a question you don't completely understand.   | 1/8/2014 2:43 AM   |
| 14 | i may not think like a physicist but the course did help develop my thinking skills   | 1/3/2014 1:38 PM   |
| 15 | No to think like a physicist takes years and deep understanding that I don't have but the course shows this and why you would want to do the years.   | 12/26/2013 9:25 PM |
| 16 | yeah i think it was, i definately understand what you mean now anyway   | 12/23/2013 9:24 AM |
| 17 | Yes, I developed greater analytical and problem solving skills  | 12/22/2013 6:25 PM |
| 18 | Definitely, especially with Nick coming up with clever questions/problems to start off each lecture and the responses recorded on those iPads, I felt the change in terms of forcing myself to 'Think like a Physicist'. Despite Nick having a unique style of teaching, he did succeed in getting our brains in action and helping us reach the crucial objective of the course of being able to 'Think like a Physicist'.                   | 12/21/2013 9:34 PM |

## Foundation of Physics Past Students

|    |  |                     |
|----|--|---------------------|
| 19 | Yes, I felt that the labs were very much in accordance to this statement as we had to first understand the concepts and THEN, figure out how to prove.   | 12/20/2013 8:03 AM  |
| 20 | Yes as being a physicist is not just reading through the books and learning the concepts but also exploring the intricate details of the concepts that interest you and to understand the different perspectives related to the course   | 12/18/2013 9:51 PM  |
| 21 | Yes, I think I understood what was meant, and I think I probably was thinking more like a physicist after completing the course - I think my problem solving skills improved, for example.   | 12/18/2013 10:56 AM |
| 22 | Yes, it has been achieved. Why, why, why is the question to ask.   | 12/17/2013 8:52 PM  |
| 23 | Not really considering I dropped physics after the course...   | 12/16/2013 8:12 AM  |
| 24 | -  | 12/14/2013 12:58 PM |
| 25 | I guess I see things differently and appreciate how the things around us work together in a complex manner   | 12/14/2013 2:41 AM  |
| 26 | When solving a specific problem, it will be hard to get the solution directly. So, we should find the factors which affect the problem. Then ignore some of them to simplify the problem. This is kind of estimate and we can get an answer though it may be not so close to the real answer. Followed by adding some factors and estimating again and again. It will make the answer more and more accurate. That's how Physicist solve physics problem.  | 12/14/2013 1:26 AM  |
| 27 | Sorry, I'm still looking for the answer. "How to think like a professional?" I didn't achieve this goal, the more i learn the less confident i am.   | 12/13/2013 11:52 PM |
| 28 | Yes! To apply approximations and basic physical principles to complex situations! Even though it was hard to intuitively grasp different concepts sometimes..  | 12/13/2013 6:45 PM  |
| 29 | Not as much as I probably should but this course was 3 years ago for me so I've forgotten things that haven't been directly relevant to my current studies.  | 12/13/2013 1:43 PM  |
| 30 | Yes, I learnt important things such as making an estimate.   | 12/13/2013 9:54 AM  |
| 31 | Maybe. Yes, to a certain extent I think. I have to think about biology in mathematical sense.  | 12/13/2013 9:36 AM  |
| 32 | My interpretation of "Think like a Physicist." is to do what we did in class which was to estimate, guess and perform trial and error practicals.  | 12/13/2013 9:14 AM  |
| 33 | Initially in the course, im not quite sure if i understood what was meant by this phrase. However through the completion of the course, and my ongoing education in engineering, i feel as though its meaning has become less illusive. In my mind thinking like a physicist is to observe the world around us, to attempt to understand this world through models and well founded assumptions and to then predict outcomes based on these assumptions. We are encouraged to question that which we see and determine the underlying principles that govern the universe as we know it. | 12/13/2013 9:06 AM  |
| 34 | I believe so. What I learned in this course helped in the life physics course. I think learning how to approach questions logically and in many ways allowed us to understand how things can work. I think this happened many times in the practicals.   | 12/12/2013 10:33 PM |
| 35 | yes, i actually understood concepts of physics, it was my biggest weakness in college  | 12/12/2013 7:50 PM  |
| 36 | Yes to an extent, learned new scientific practices.  | 12/12/2013 5:44 PM  |
| 37 | Yep.   | 12/12/2013 4:53 PM  |
| 38 | Yes and no. I did start thinking like a physicist but it was 2 years ago so i started thinking like a biologist after so many (20 subjects to be exact) biology courses.   | 12/12/2013 4:42 PM  |
| 39 | Yes, I learned to apply my knowledge from the entire semester to singular problems   | 12/12/2013 3:42 PM  |
| 40 | Yes, I finally understand what you meant after saying it every single class period! I think it means that when faced with a challenging question, approach it and try and solve it by using everything you've learned and past knowledge to think like a true Physicist would.   | 12/12/2013 3:22 PM  |
| 41 | YES! It isn't just thinking like a physicist for me, its more of a way of expanding your knowledge and to have the ability to think outside of the box. To get a concept and really understand the intuition behind it rather than rote leaning.   | 12/12/2013 2:26 PM  |
| 42 | I think so   | 12/12/2013 2:18 PM  |