

Detailed Statistics Summary: end-of-course-survey

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Title	N	Frequency						Mean	SD	Median	Mode
		-	1	2	3	4	5				
F1-01. Background - end of course survey	20	0	0	2	3	4	11	4.20	1.06	5.0	5
F1-02. expected grade	20	0	0	0	3	8	9	4.30	0.73	4.0	5
F1-02. tutorial attendence	20	0	3	3	1	5	8	3.60	1.54	4.0	5
F2-01. review of past courses	20	0	0	1	10	4	5	3.65	0.93	3.0	3
F2-02. amount	20	0	0	2	3	11	4	3.85	0.88	4.0	4
F2-03. interesting material	20	0	0	2	4	8	6	3.90	0.97	4.0	4
F2-04. text	20	0	0	2	8	5	5	3.65	0.99	3.5	3
F2-05. supplementary texts	20	0	1	6	10	3	0	2.75	0.79	3.0	3
F2-06. library resources	17	3	1	3	11	0	2	2.94	0.97	3.0	3
F2-07. assignment problem interest	20	0	0	1	12	5	2	3.40	0.75	3.0	3
F2-08. assignment problem usefulness	20	0	0	0	2	8	10	4.40	0.68	4.5	5
F2-09. assignment grading	20	0	0	0	1	9	10	4.45	0.60	4.5	5
F2-10. term test length	20	0	0	0	0	6	14	4.70	0.47	5.0	5
F2-10a. term test appropriateness	19	1	1	0	2	8	8	4.16	1.01	4.0	4,5
F2-11. term test grading	20	0	0	0	1	8	11	4.50	0.61	5.0	5
F2-12. assignment number	20	0	3	4	9	3	1	2.75	1.07	3.0	3
F2-13. tutorial usefulness	20	0	0	5	4	6	5	3.55	1.15	4.0	4
F2-14. tutorial number	20	0	0	0	3	8	9	4.30	0.73	4.0	5
F2-15. computing resources	19	1	2	3	9	4	1	2.95	1.03	3.0	3
F3-01. Laboratories interest	20	0	1	0	3	11	5	3.95	0.94	4.0	4
F3-02. laboratories usefulness	20	0	3	3	6	4	4	3.15	1.35	3.0	3
F3-03. lab report grading	20	0	0	0	2	7	11	4.45	0.69	5.0	5
F3-04. lab report comments	20	0	0	3	8	5	4	3.50	1.00	3.0	3
F3-05. lab demonstrator rating	20	0	0	0	0	5	15	4.75	0.44	5.0	5
F3-05b. lab demonstrator effectiveness	20	0	0	0	0	6	14	4.70	0.47	5.0	5
F4-01. new material introduction speed	20	0	0	3	4	10	3	3.65	0.93	4.0	4
F4-02. key concepts	20	0	0	2	10	6	2	3.40	0.82	3.0	3
F4-03. encourage questions	20	0	0	0	0	4	16	4.80	0.41	5.0	5
F4-04. related materials	20	0	0	2	7	9	2	3.55	0.83	4.0	4
F4-05. presentation of material	20	0	1	4	7	6	2	3.20	1.06	3.0	3
F4-06. instructor availability	20	0	0	1	4	8	7	4.05	0.89	4.0	4
F4-07. instructor helpfulness	17	3	0	1	5	7	4	3.82	0.88	4.0	4
F4-07. stimulation of interest	20	0	0	2	5	9	4	3.75	0.91	4.0	4
F4-09. Course rating	20	0	0	0	5	9	6	4.05	0.76	4.0	4
F4-10. Instructor rating	20	0	0	2	6	8	4	3.70	0.92	4.0	4

More Detailed Statistics Summary: end-of-course-survey

Question: F1-01. Background - end of course survey

This is the end of course survey for this physics course. Please let me know if there are any problems. I have put this together from two different survey sources, one mandated by CUPE for sessional instructors, and one used by the Department of Physics for Physics courses, so there might be some repetition of some types of questions.

I have assigned "grades" to each of the survey answers in order to aid in tracking responses. Any "score" you might receive for completing the survey IS NOT recorded as part of your course grades. This survey is anonymous and the results are returned to the instructor only in aggregate form, along with all free response comments.

Please answer each survey question/statement with a response from one to five, with higher numbers representing agreement. I have tried to structure each statement so that "good" responses correspond with large numbers, so some of the statements may be worded a little strangely. Any questions that are not relevant to your particular situation can just be left blank.

I think that you can hit the "save answer" button after each question and stop at any time to return to the survey later. If you hit the "finish" button, you will not be able to complete any survey questions that you did not answer, so make sure you are completely finished before hitting the "finish" button! However, none of your answers are submitted to me until the "finish" button is pressed, so make sure that you do submit all the answers before the date when the survey will be closed.

The first few questions deal with background information:

What percentage of the lectures did you attend?

1. 0-20% 2. 20-40% 3. 40-60% 4. 60-80% 5. 80-100%

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.20	1.06	5.0	5	0	0	2	3	4	11
					0.0%	0.0%	10.0%	15.0%	20.0%	55.0%

Question: F1-02. expected grade

What final grade do you expect to achieve in this course?

1. F 2. D 3. C 4. B 5. A

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.30	0.73	4.0	5	0	0	0	3	8	9
					0.0%	0.0%	0.0%	15.0%	40.0%	45.0%

Question: F1-02. tutorial attendance

What percentage of the tutorials did you attend?

1. 0-20% 2. 20-40% 3. 40-60% 4. 60-80% 5. 80-100%

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.60	1.54	4.0	5	0	3	3	1	5	8
					0.0%	15.0%	15.0%	5.0%	25.0%	40.0%

Question: F2-01. review of past courses

The next few questions deal with course content:

An appropriate amount of time was spent on review of material from previous courses.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.65	0.93	3.0	3	0	0	1	10	4	5
					0.0%	0.0%	5.0%	50.0%	20.0%	25.0%

Question: F2-02. amount

The amount of material covered during the course was appropriate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.85	0.88	4.0	4	0	0	2	3	11	4
					0.0%	0.0%	10.0%	15.0%	55.0%	20.0%

Question: F2-03. interesting material

The class material was very interesting.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.90	0.97	4.0	4	0	0	2	4	8	6
					0.0%	0.0%	10.0%	20.0%	40.0%	30.0%

Question: F2-04. text

The text was very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.65	0.99	3.5	3	0	0	2	8	5	5
					0.0%	0.0%	10.0%	40.0%	25.0%	25.0%

Question: F2-05. supplementary texts

The supplementary texts were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	2.75	0.79	3.0	3	0	1	6	10	3	0
					0.0%	5.0%	30.0%	50.0%	15.0%	0.0%

Question: F2-06. library resources

The library resources were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
17	2.94	0.97	3.0	3	3	1	3	11	0	2
					15.0%	5.0%	15.0%	55.0%	0.0%	10.0%

Question: F2-07. assignment problem interest

The assignment problems were very interesting.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.40	0.75	3.0	3	0	0	1	12	5	2
					0.0%	0.0%	5.0%	60.0%	25.0%	10.0%

Question: F2-08. assignment problem usefulness

The assignment problems were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.40	0.68	4.5	5	0	0	0	2	8	10
					0.0%	0.0%	0.0%	10.0%	40.0%	50.0%

Question: F2-09. assignment grading

The assignment problems were graded fairly.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.45	0.60	4.5	5	0	0	0	1	9	10
					0.0%	0.0%	0.0%	5.0%	45.0%	50.0%

Question: F2-10. term test length

The time allowed for term tests was appropriate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.70	0.47	5.0	5	0	0	0	0	6	14
					0.0%	0.0%	0.0%	0.0%	30.0%	70.0%

Question: F2-10a. term test appropriateness

The term tests provided an accurate evaluation of my understanding of the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
19	4.16	1.01	4.0	4,5	1	1	0	2	8	8
					5.0%	5.0%	0.0%	10.0%	40.0%	40.0%

Question: F2-11. term test grading

The term tests were graded fairly.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.50	0.61	5.0	5	0	0	0	1	8	11
					0.0%	0.0%	0.0%	5.0%	40.0%	55.0%

Question: F2-12. assignment number

The number of assignments was appropriate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	2.75	1.07	3.0	3	0	3	4	9	3	1
					0.0%	15.0%	20.0%	45.0%	15.0%	5.0%

Question: F2-13. tutorial usefulness

The tutorials were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.55	1.15	4.0	4	0	0	5	4	6	5
					0.0%	0.0%	25.0%	20.0%	30.0%	25.0%

Question: F2-14. tutorial number

The number of tutorials was appropriate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.30	0.73	4.0	5	0	0	0	3	8	9
					0.0%	0.0%	0.0%	15.0%	40.0%	45.0%

Question: F2-15. computing resources

The computing resources available were adequate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
19	2.95	1.03	3.0	3	1	2	3	9	4	1
					5.0%	10.0%	15.0%	45.0%	20.0%	5.0%

Question: F3-01. Laboratories interest

The next few questions deal with laboratories:

The laboratories for this course were very interesting.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.95	0.94	4.0	4	0	1	0	3	11	5
					0.0%	5.0%	0.0%	15.0%	55.0%	25.0%

Question: F3-02. laboratories usefulness

The laboratories were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.15	1.35	3.0	3	0	3	3	6	4	4
					0.0%	15.0%	15.0%	30.0%	20.0%	20.0%

Question: F3-03. lab report grading

The lab reports were graded fairly.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.45	0.69	5.0	5	0	0	0	2	7	11
					0.0%	0.0%	0.0%	10.0%	35.0%	55.0%

Question: F3-04. lab report comments

Comments on lab reports were very useful in helping me understand the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.50	1.00	3.0	3	0	0	3	8	5	4
					0.0%	0.0%	15.0%	40.0%	25.0%	20.0%

Question: F3-05. lab demonstrator rating

My overall rating of the lab demonstrator is:

1 = Poor 5 = Excellent

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.75	0.44	5.0	5	0	0	0	0	5	15
					0.0%	0.0%	0.0%	0.0%	25.0%	75.0%

Question: F3-05b. lab demonstrator effectiveness

The lab deomonstrators were very effective.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.70	0.47	5.0	5	0	0	0	0	6	14
					0.0%	0.0%	0.0%	0.0%	30.0%	70.0%

Question: F4-01. new material introduction speed

The next few questions deal with the instructor and in-class presentation:

The speed of introduction of material was appropriate.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.65	0.93	4.0	4	0	0	3	4	10	3
					0.0%	0.0%	15.0%	20.0%	50.0%	15.0%

Question: F4-02. key concepts

Key concepts were explained very well.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.40	0.82	3.0	3	0	0	2	10	6	2
					0.0%	0.0%	10.0%	50.0%	30.0%	10.0%

Question: F4-03. encourage questions

The instructor encouraged the asking of questions in class.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.80	0.41	5.0	5	0	0	0	0	4	16
					0.0%	0.0%	0.0%	0.0%	20.0%	80.0%

Question: F4-04. related materials

The instructor related the material to other areas of physics.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.55	0.83	4.0	4	0	0	2	7	9	2
					0.0%	0.0%	10.0%	35.0%	45.0%	10.0%

Question: F4-05. presentation of material

The in-class presentation of material was done very well.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.20	1.06	3.0	3	0	1	4	7	6	2
					0.0%	5.0%	20.0%	35.0%	30.0%	10.0%

Question: F4-06. instructor availability

The instructor was very available to students outside class.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.05	0.89	4.0	4	0	0	1	4	8	7
					0.0%	0.0%	5.0%	20.0%	40.0%	35.0%

Question: F4-07. instructor helpfulness

When available outside of class, the instructor was very helpful.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
17	3.82	0.88	4.0	4	3	0	1	5	7	4
					15.0%	0.0%	5.0%	25.0%	35.0%	20.0%

Question: F4-07. stimulation of interest

The instructor greatly stimulated my interest in the course material.

1 = Disagree Strongly 5 = Agree Strongly

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.75	0.91	4.0	4	0	0	2	5	9	4
					0.0%	0.0%	10.0%	25.0%	45.0%	20.0%

Question: F4-09. Course rating

My overall rating of the course is:

1 = Poor 5 = Excellent

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	4.05	0.76	4.0	4	0	0	0	5	9	6
					0.0%	0.0%	0.0%	25.0%	45.0%	30.0%

Question: F4-10. Instructor rating

My overall rating of the instructor of the course is:

1 = Poor 5 = Excellent

1. 2. 3. 4. 5.

N	Mean	SD	Median	Mode	-	1	2	3	4	5
20	3.70	0.92	4.0	4	0	0	2	6	8	4
					0.0%	0.0%	10.0%	30.0%	40.0%	20.0%

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Question: F2-z. Further comments about course content/resources

What further comments do you have about the course content and/or available resources?

Responses

User ID	Response
1	
2	I thought that the number of assignments we were given was ok, but I think that the length of those assignments was too large. We only had a week to do them plus we have responsibilities in our other classes for assignments and the like.
3	I would have liked the course material to be a bit more focused, rather than spread out over a range of ideas on quantum physics. Rather, if we had done fewer topics but covered them for longer, with COMPLETE examples done in class to follow.
5	Very interesting course but it could be overwhelming at times.
6	More library resources would be nice, or even just to be made aware of any available resources there.
7	I'm disappointed that I didn't get more out of the course. .. but then, I'm mostly disappointed that I didn't put more into the course.
8	none
9	
10	I think that although there were a lot of assignments, they were yseful in keeping me on top of the material. Though I do think that some weeks the assignments got to be a little long. The textbook by Eisberg and Resnick was extremely difficult to understand. Perhaps some reading notes (similar to those provided in Phys 100) would have helped in reducing the reading down to the main important parts.
11	assignment during exam period is inconvenient - I had a week off, went home not sticking around to hand in assignment halfway through that. I need to study more than I need to do assignments (got one from Calculus too). you can test comprehension of that one last section on the exam.
12	course very interesting in itself
13	Maybe less assignment is better, 12 is a lot of work
14	Eisberg was a good textbook resource, however Crowell wasn't as useful. Perhaps it seemed this way because most of the assignment questions focussed on material from Eisberg.
16	the only comment that i have about the course material is that the assignments should be worth more of our final grade.
17	Very well structured course content and the availability of resources made the course much more interesting and easier to keep up.
18	

Detail Summary: end-of-course-survey

Question: F3-05a. lab demonstrators names

What was(were) the name(s) of the lab demonstrator(s)?

Responses

User ID	Response
1	Dave Marshall
2	Dave Marshall
3	David Marshall
4	Dave Marshall
5	David Marshall, Taylor Scott (Velocity of light)
6	Dave Marshall
7	Dave Marshall
8	dave marshall
9	Dave Marshall
10	Dave Marshall
11	Dave Marshall
12	Dave Marshal
13	David Marshall
14	Dave Marshall (also Taylor S.)
15	dave marshall
16	Dave Marshall
17	Dave Marshall
18	Dave
20	Dave Marshall

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Question: F3-z. Further comments Laboratories

What further comments do you have about the Laboratories?

Responses

User ID	Response
1	mabye update them?
2	The instructor was great but there was not very many comments as to what you did wrong on lab reports. It would be nice to know where to spend the most focus when writing the report. And also I dont think it is necessary to do a write up for most of the labs. Maybe cut back to only doing 1 or 2 full write ups.
3	Dave was very helpful in and outside of the laboratory classroom. He was always available if we had questions, and was reasonable with the due dates for the laboratories.
4	I found that writing up full lab reports for all the labs was very time consuming and it really didnt help me learn the material.
5	They were very interesting in the way that it was the method that first determined a fundamental equation, concept or value.
6	Difficult to complete given the amount of assignments
7	I enjoyed the 'historical context' of the labs.
8	none
9	It would have been nice if the lab topics matched those being discussed in class (ie. the relativity lab was done at the very beginning of the term when it was covered in lecture).
10	I think that it would have been more useful had there been more comments written on the lab reports to see where we went wrong. Otherwise I thought the labs were evaluated ver well. However, the experiments themselves did not really help at all in my understanding of the course material.
11	I didnt see much relation between course material and labs. The labs were more of a stress to me than an aid. covering things that we learned in highschool, and that proved less than doable (speed of light: achieved number 1000x smaller than expected, and millikan oildrop)
12	they should be few full write ups
13	no comment
14	The laboratory writeups were far too much work for the grade weighting they were given in the course. I would suggest more half-writeups for the labs, since the understanding of the material in the lab does not decrease, and more time is made available for reading and understanding other course material.
16	There should not be as many full lab write ups
17	On top of reading prior to labs; detailed explanations especially of mistakes to avoid, should be given to students to avoid incorrectly performed labs which lead to incorrect lab report. As an example, I would use my Millikan Oil Drop experiment whereby the oil drops charge had to vary during the course of its observation; but unfortunately my data was not accurate enough to represent the required results due to this slight oversight.
18	Good labs, maybe equipment a bit outta date

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Question: F4-z. Further comments about instructor and in-class presentation

What further comments do you have about the instructor and in-class presentation?

Responses

User ID	Response
1	
2	I think more time should be spent on actually teaching the class and not doing "The agenda" at the beginning of every class. We already know what we are there to learn each day so he doesnt have to tell us. (We were given a week by week schedule of our readings). Sometimes it was hard to get the readings done for the thursday class so I would go into it knowing nothing so the lesson would make no sense to me. He teaches assuming that everyone has read the material and he should teach it thinking that no one has read the material. Some people are too scared to ask questions in class so the instructor should cover everything from the readings and most of the time only things that are asked about are covered.
3	Johann tried very hard to give us as much help as possible, and was very interested in improving the way the course is taught. I greatly admire professors who are willing to change and reevaluate how they do things according to what would be best for the students.
4	I think that allowing us as students to ask questions in leacture is great, but it first required you to do the readings first and there are some days that things get a little crazy and you dont have time to do the readings and so the "student-led-teacher-directed" discussions that the lectures are based on are not necessarily worth going to. I think that maybe there should have been more structure in the lectures.
5	There should be more presentation of the course rather than reading and asking question about grey areas. We are talking about Quantam physics, not grade 10 algebra. There should also be more examples. Which would create a better understanding of the material, rather than strugglinbg through the assignments which are graded.
6	More preparation needs to be done for the presentation of material in class. It seems that the material was lacking direction given that the class format was usually outlined by students at the beginng of the class.
7	Thanks, Johann!
8	good class!
9	
10	I think the course was well presented, but it depended way too much on having completed the readings prior to class. Since on many occasions I didn't have the time to complete the readings before class, the lectured didn't benefit me as much as I would have liked. I also would have liked to have seen a few more example problems done in class.
12	in class presentation should be elaborated with more illustrative examples. good thing, toward the end ot the course the instructor

actaully conformed with the class needs, he did a great job by actually doing more examples and involving the students more.

13	no comment
14	Johann did an excellent job making the course material interesting and easy to understand.
17	Keep up the good work!!
18	Classes were always interesting and helped with the understanding of the material (at least the ones attended)
20	johann clearly paid attention to the comments of the midyear survey. there were a lot more examples to work through in class during the second half. thanks.

Detail Summary: end-of-course-survey

Question: Fz. Further comments about the course overall

What further comments do you have about the course overall?

Responses

User ID	Response
1	A very good introduction to quantum but man am i getting tired of this whole "everything you know is wrong" idea that keeps on coming up in physics
2	I think it is a good course, but the use of a third year textbook is kinda hard. I am finding trouble understanding the text sometimes because it is so technical. We should have a textbook that we can understand.
3	
5	The course was interesting, but became too much at times, with an assignment and a lab due every week. But if the material was presented in class a little more with some examples the assignments would be better, because the students would have more of an understanding of the material. If there was anything that struggled the student the texts and other sources are there to remind or aid.
7	I still don't get it.
8	good class!!
9	I really enjoyed this class, and I feel like I've learned a lot.
10	Nothing really...overall it was a good course, just a lot of work.
11	I enjoyed the course material, not so much on the labs and the last assignment during exams
12	course is very interesting
13	no comment
14	No further comments.
16	it was a really interesting course overall
17	To perform some practical applications of Quantum physics in Labs rather than investigate or prove the quantum nature of energy in all labs.
18	Lectures and labs were run really well, material was interesting - good course!