Report: Survey Results

Dear Instructor BLANCO-SILVA,

This email contains results for ELEM DIFFERENTIAL EQUAT:

The global indicators are listed first, followed by the individual average values, consisting of the following scales:
- INSTRUCTOR EVALUATION (Part I)
- INSTRUCTOR OVERALL
- STUDENT OUTCOME (PART II)
- COURSE EVALUATION (Part III)
- OVERALL COURSE EVALUATION (PART IV)
- MISCELLANEOUS INSTRUCTOR QUESTIONS

In the second part of the analysis the average values of all individual questions are listed.
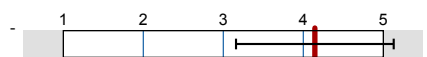
FRANCISCO BLANCO-SILVA
ELEM DIFFERENTIAL EQUAT (MATH 242 003)
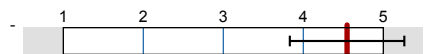### No. of responses = 23

Overall indicators

Global Index

	1	2	3	4	5	

av.=4.14
dev.=0.99

2. INSTRUCTOR EVALUATION (Part I)

av.=4.55
dev.=0.72

3. INSTRUCTOR OVERALL

av.=4.22
dev.=1.09

4. STUDENT OUTCOME (PART II)
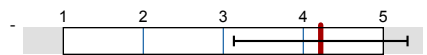
av.=3.87
dev.=1.17
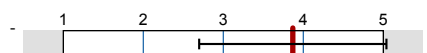
5. COURSE EVALUATION (Part III)

av.=4.13
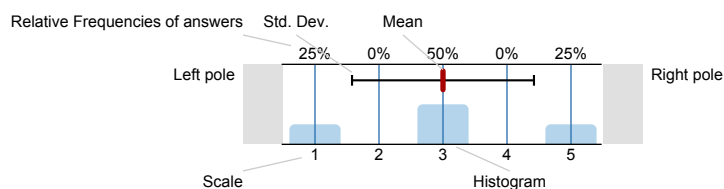dev.=0.98

6. OVERALL COURSE EVALUATION (PART IV)
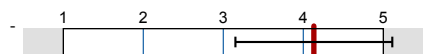
av.=3.96
dev.=0.98

Survey Results

Legend

Question text

Relative Frequencies of answers   Std. Dev.   Mean

25%   0%   50%   0%   25%

Left pole   Right pole

Scale   Histogram

1   2   3   4   5

n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention

1. DEMOGRAPHICS

1.1) Classification:

Freshman	13%	n=23
Sophmore	60.9%	
Junior	13%	
Senior	13%	

1.2) Cumulative GPR?
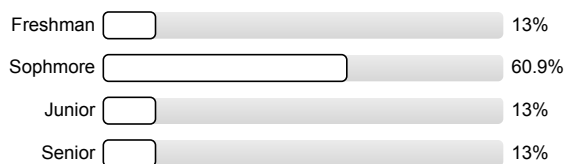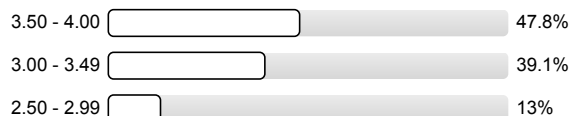
3.50 - 4.00	47.8%	n=23
3.00 - 3.49	39.1%	
2.50 - 2.99	13%	

1.3) Is this course required?

Yes	86.4%	n=22
Yes, but I had a choice	4.5%	
No	9.1%	
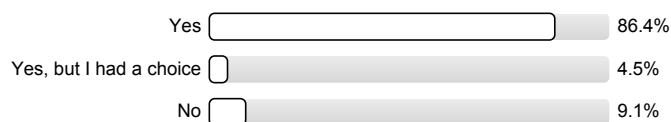
1.4) Anticipated grade in this course?

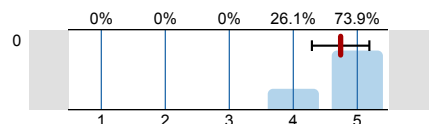|		
A	26.1%	n=23
B	21.7%	
C	39.1%	
D	13%	
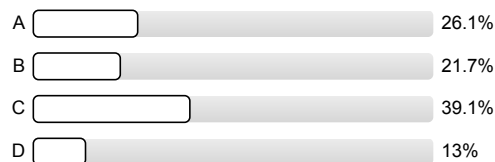
2. INSTRUCTOR EVALUATION (Part I)

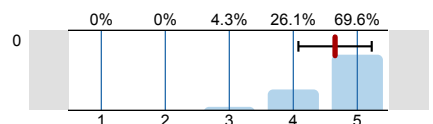**2.1)** The instructor clearly stated the instructional objectives of the course.

0% 0% 0% 39.1% 60.9%
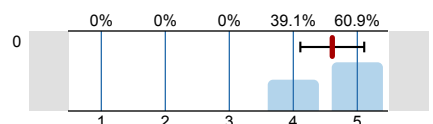
n=23
av.=4.61
dev.=0.5

2.2) The instructor clearly stated the method by which your final grade would be determined.
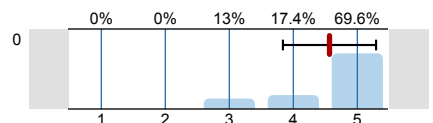
0% 0% 0% 26.1% 73.9%

n=23
av.=4.74
dev.=0.45

2.3) The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.
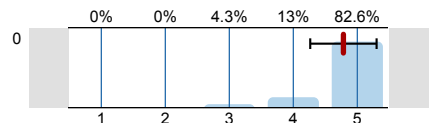
0% 0% 4.3% 26.1% 69.6%

n=23
av.=4.65
dev.=0.57

2.4) The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.

0% 0% 13% 17.4% 69.6%

n=23
av.=4.57
dev.=0.73

2.5) The instructor met the class regularly and at the scheduled times.

0% 0% 4.3% 13% 82.6%

n=23
av.=4.78
dev.=0.52

2.6) The instructor scheduled a reasonable number of office hours per week.

0% 0% 4.3% 17.4% 78.3%
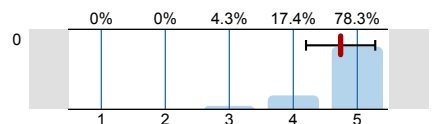
n=23
av.=4.74
dev.=0.54

2.7) Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face interaction as well as via telephone, e-mail, fax and other means)

0% 0% 0% 26.1% 73.9%

n=23
av.=4.74
dev.=0.45

2.8) If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course.

0% 9.5% 28.6% 33.3% 28.6%
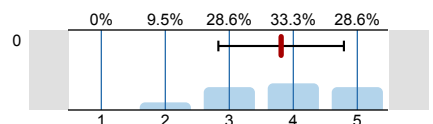
n=21
av.=3.81
dev.=0.98

2.9) displays a clear understanding of the subject matter and course topics.

	0%	0%	0%	13.6%	86.4%	
0	1	2	3	4	5	4

n=22
av.=4.86
dev.=0.35

2.10) motivates me to learn the subject.

	0%	8.7%	17.4%	17.4%	56.5%	
0	1	2	3	4	5	4

n=23
av.=4.22
dev.=1.04

2.11) gives clear and helpful responses to student questions.

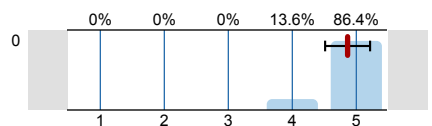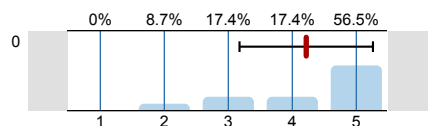|	4.3%	0%	0%	17.4%	78.3%	
0	1	2	3	4	5	4
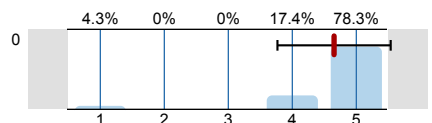
n=23
av.=4.65
dev.=0.88

2.12) is concerned that students learn the material.

	4.3%	0%	4.3%	17.4%	73.9%	
0	1	2	3	4	5	4
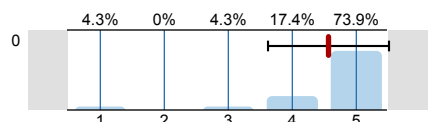
n=23
av.=4.57
dev.=0.95

2.13) treats students with respect.

	0%	4.3%	0%	21.7%	73.9%	
0	1	2	3	4	5	4
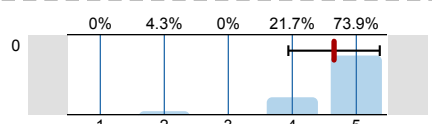
n=23
av.=4.65
dev.=0.71

2.14) grades fairly.

	8.7%	8.7%	13%	21.7%	47.8%	
0	1	2	3	4	5	4

n=23
av.=3.91
dev.=1.35

2.15) well-utilized class time, either by lecture, group work, student presentations or other activities.

	0%	0%	13%	8.7%	78.3%	
0	1	2	3	4	5	4

n=23
av.=4.65
dev.=0.71

3. INSTRUCTOR OVERALL

3.1) OVERALL, considering all aspects, I rate the overall performance of my instructor as:

	4.3%	4.3%	8.7%	30.4%	52.2%	
0	1	2	3	4	5	4
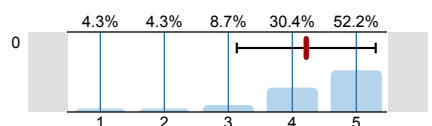
n=23
av.=4.22
dev.=1.09

4. STUDENT OUTCOME (PART II)

4.1) Gaining factual knowledge of this subject (terminology, methods, skills).

	0%	8.7%	13%	30.4%	47.8%	
0	1	2	3	4	5	4

n=23
av.=4.17
dev.=0.98

4.2) Learning fundamental principles, theories or generalizations.

	4.5%	4.5%	22.7%	22.7%	45.5%	
0	1	2	3	4	5	4

n=22
av.=4
dev.=1.15

4.3) Improving my oral and written communication skills.

	21.7%	13%	26.1%	13%	26.1%	
0	1	2	3	4	5	4

n=23
av.=3.09
dev.=1.5

4.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.

0%	8.7%	21.7%	21.7%	47.8%
1	2	3	4	5

n=23
av.=4.09
dev.=1.04

4.5) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:

4.3%	8.7%	13%	30.4%	43.5%
1	2	3	4	5

n=23
av.=4
dev.=1.17

5. COURSE EVALUATION (Part III)

5.1) Exams assess and reflect course material accurately.

4.3%	13%	21.7%	21.7%	39.1%
1	2	3	4	5

n=23
av.=3.78
dev.=1.24

5.2) Specified objectives for this course were achieved.

0%	4.3%	8.7%	39.1%	47.8%
1	2	3	4	5

n=23
av.=4.3
dev.=0.82

5.3) Text was clear, readable and useful.

8.7%	13%	21.7%	26.1%	30.4%
1	2	3	4	5

n=23
av.=3.57
dev.=1.31

5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.

0%	4.3%	4.3%	26.1%	65.2%
1	2	3	4	5
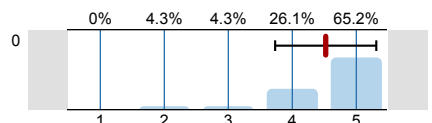
n=23
av.=4.52
dev.=0.79

5.5) The departmental prerequisite courses were adequate preparation for this course.
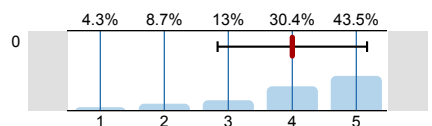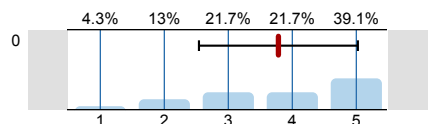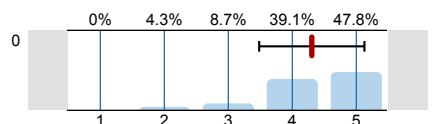
0%	0%	13.6%	22.7%	63.6%
1	2	3	4	5

n=22
av.=4.5
dev.=0.74

6. OVERALL COURSE EVALUATION (PART IV)

6.1) OVERALL, considering all of the above aspects, I rate this course as:

0%	8.7%	21.7%	34.8%	34.8%
1	2	3	4	5
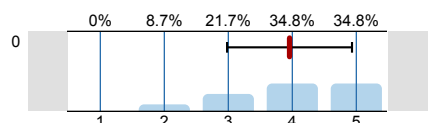
n=23
av.=3.96
dev.=0.98

7. COURSE EVALUATION (PART V)

7.1) Related to my other courses, the material covered was:

17.4%	43.5%	30.4%	4.3%	4.3%
1	2	3	4	5
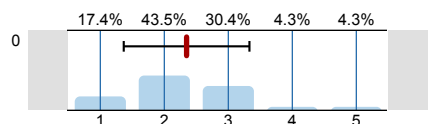
n=23
av.=2.35
dev.=0.98

7.2) Related to my other courses, the workload was:

9.1%	36.4%	40.9%	9.1%	4.5%
1	2	3	4	5

n=22
av.=2.64
dev.=0.95

8. MISCELLANEOUS INSTRUCTOR QUESTIONS

8.1) Miscellaneous #1   The evaluation will not be displayed due to low response rate.

8.2) Miscellaneous #2   The evaluation will not be displayed due to low response rate.

8.3) Miscellaneous #3   The evaluation will not be displayed due to low response rate.

8.4) Miscellaneous #4   The evaluation will not be displayed due to low response rate.

8.5) Miscellaneous #5   The evaluation will not be displayed due to low response rate.

Profile

2. INSTRUCTOR EVALUATION (Part I)

#	Question	Scale (0–4)	n	av.
2.1)	The instructor clearly stated the instructional objectives of the course.		n=23	av.=4.61
2.2)	The instructor clearly stated the method by which your final grade would be determined.		n=23	av.=4.74
2.3)	The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.		n=23	av.=4.65
2.4)	The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.		n=23	av.=4.57
2.5)	The instructor met the class regularly and at the scheduled times.		n=23	av.=4.78
2.6)	The instructor scheduled a reasonable number of office hours per week.		n=23	av.=4.74
2.7)	Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face		n=23	av.=4.74
2.8)	If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course.		n=21	av.=3.81
2.9)	displays a clear understanding of the subject matter and course topics.		n=22	av.=4.86
2.10)	motivates me to learn the subject.		n=23	av.=4.22
2.11)	gives clear and helpful responses to student questions.		n=23	av.=4.65
2.12)	is concerned that students learn the material.		n=23	av.=4.57
2.13)	treats students with respect.		n=23	av.=4.65
2.14)	grades fairly.		n=23	av.=3.91
2.15)	well-utilized class time, either by lecture, group work, student presentations or other activities.		n=23	av.=4.65

3. INSTRUCTOR OVERALL

#	Question	Scale (0–4)	n	av.
3.1)	OVERALL, considering all aspects, I rate the overall performance of my instructor as:		n=23	av.=4.22

4. STUDENT OUTCOME (PART II)

#	Question	Scale (0–4)	n	av.
4.1)	Gaining factual knowledge of this subject (terminology, methods, skills).		n=23	av.=4.17
4.2)	Learning fundamental principles, theories or generalizations.		n=22	av.=4
4.3)	Improving my oral and written communication skills.		n=23	av.=3.09

4.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.

n=23
av.=4.09

4.5) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:

n=23
av.=4

5. COURSE EVALUATION (Part III)

5.1) Exams assess and reflect course material accurately.

n=23
av.=3.78

5.2) Specified objectives for this course were achieved.
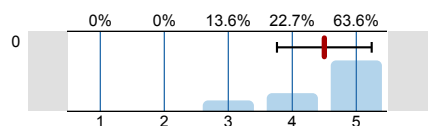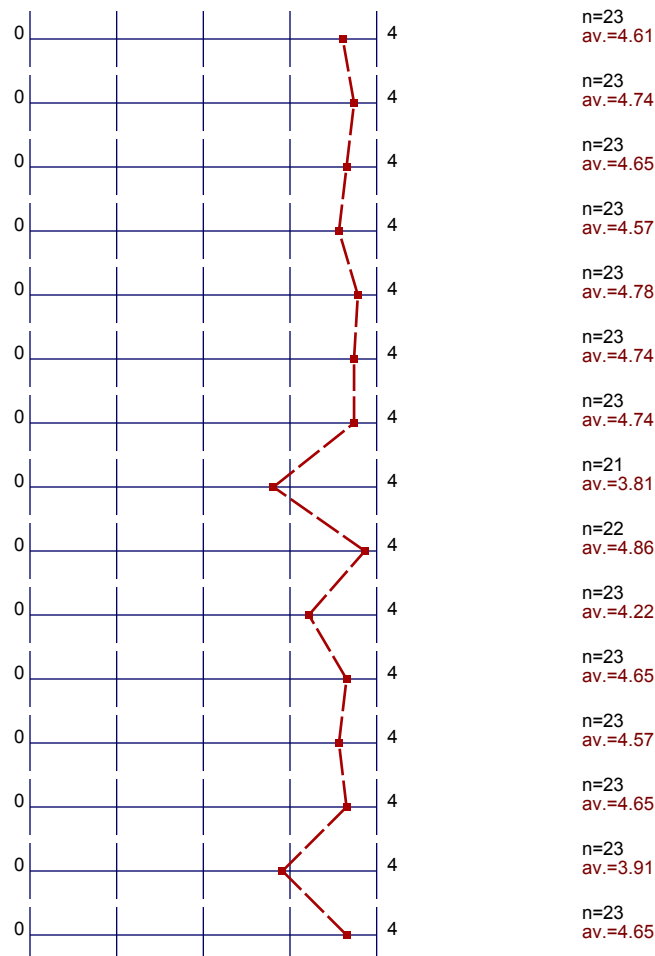
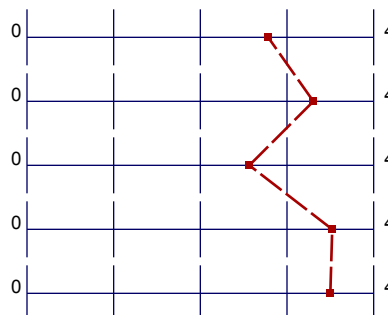n=23
av.=4.3

5.3) Text was clear, readable and useful.

n=23
av.=3.57

5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.

n=23
av.=4.52

5.5) The departmental prerequisite courses were adequate preparation for this course.

n=22
av.=4.5

6. OVERALL COURSE EVALUATION (PART IV)

6.1) OVERALL, considering all of the above aspects, I rate this course as:

n=23
av.=3.96

7. COURSE EVALUATION (PART V)

7.1) Related to my other courses, the material covered was:

n=23
av.=2.35

7.2) Related to my other courses, the workload was:
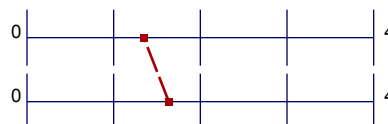
n=22
av.=2.64

8. MISCELLANEOUS INSTRUCTOR QUESTIONS

8.1) Miscellaneous #1 (*)

n=0

8.2) Miscellaneous #2 (*)

n=0

8.3) Miscellaneous #3 (*)

n=0

8.4) Miscellaneous #4 (*)

n=0

8.5) Miscellaneous #5 (*)
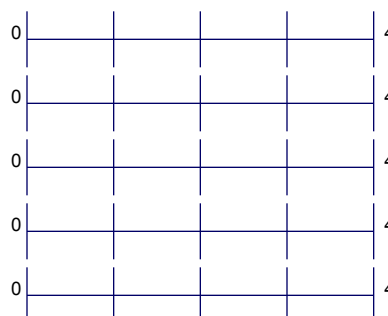
n=0

(*) Note: If the number of responses to a question is too low the evaluation will not be displayed in the profile line.

Profile
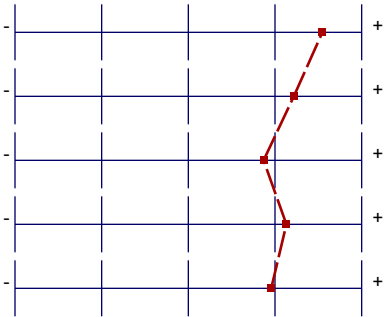
2. INSTRUCTOR EVALUATION (Part I)	av.=4.55
3. INSTRUCTOR OVERALL	av.=4.22
4. STUDENT OUTCOME (PART II)	av.=3.87
5. COURSE EVALUATION (Part III)	av.=4.13
6. OVERALL COURSE EVALUATION (PART IV)	av.=3.96

Comments Report

7. COURSE EVALUATION (PART V)

7.3) Please comment on what you feel are the positive and negative aspects of your instructor and his/her teaching outlook:

he does very good board work

By far one of the most helpful and just overall best prof. I've had at USC. Really want[...] [...] to [...] correct and [...] [...] or help outside of [...]

I loved the lectures, they were both entertaining and useful to what we were tested on. the tests were difficult but that came with the class.

The instructor was concerned that ~~the material~~ w students learn the material. The instructor explained well and made was available for questions. However, the only feedback us far as "getting it" were the tests, as the homework was often ~~even~~ manipulated greatly. Quizzes would help greatly in this sort of class.

The class atmosphere was very helpful to learning and compliments the style of ~~the~~ teaching. The methodolgy and way of teaching can be somewhat confusing at times when rushed and also during problems that have a long solution process. Lastly the grading as a whole is a bit harsh in my oppinion, if a student completes the diff. eq. proof correctly he shouldn't be penalized as harshly if he makes simple math errors. All together these are minor details in a well run class where students will truely master material upon completion.

Blanco-Silva is a very good professor in regards to his personal knowledge of Diffeq. This translation to the students becomes a tad watered down. He moves quick, but will slow down if asked. I'm not a fan of his teaching style, but would take him for an audit course, because he is a great man.

Great professor, one to have. Really breaking it down.

Will move a little to fast, and test are extremely hard.

[unreadable] lower are also easier

I feel like the test did not assess my knowledge on the subject well. A formula sheet in this class is a must in my opinion, otherwise you're just memorizing formulas and spending little time on their derivation and meaning. This critically hindered my outcome.

Excellent in conveying ideas and lessons to the class. Incorporates great world applicable examples in almost all of his lessons and keeps subject material interesting. His strong point is that he is very level-headed and can identify w/ his students. The only improvement I could think of is to write slower — My hands always hurt by the end of his class!

I like that he is very to-the-point with what he wants you to learn, discussing the topic and doing examples is an effective way to teach the course. With this course, I feel that he went too quickly through the curriculum, it was difficult having the second exam only a couple of weeks after the first, and a month between the third and final.

With only exams as a fuel, the class is made a little harder

He is a great teacher in lecture, answers questions well in office hours, but tests are incredibly unfair, not a good representation of students' knowledge of the material. Always puts a question that screws everybody over, and has so few questions worth so many points that if you get caught up on the hard question, the best you can get is an 80. Tests need to reflect students' knowledge. Other students in different sections all have much better tests.

the exams don't reflect the HW. they reflect the practice exams given, but w/ no experience from HW w/ those types of problems, they're tough to understand. I might fail the class but Francisco is the man.

Offer a tad bit more partial credit if a student makes a careless error but follows through correctly.

Excellent Professor. He helped us improve our problem solving skills and how to use differential equations in real life.
Very organized; has his own website for the class.
Grades fairly. ~~and Very~~
He really wants students to learn the material; cares a lot.

One of the best/hardest classes I have taken. Dr. Blanco Silva, emulated the practical side of diff equ and our other material well. Best teacher I have had at Carolina

He makes the material seem interesting and important. He goes through some topics too quickly.

He is a wonderful teacher, one of my favorite @ the university. He knows so much & is really good @ bringing it down to our level. It would be nice to have a little bit more extra credit! or a curve, considering how many kids dropped the class!

One of the best math professors I have had. Keeps class entertaining and provides excellent problems and practice materials to prepare for exams. Forces us to think about right answers.

goes through lecture way 2 fast.

Positive - He gave plenty real life instances where we could use the material learned

Negative - Not really a negative but occasionally go over a homework problem you feel is representative of the test problems even if students don't ask for a specific problem

Instructor is very passionate and knowledgeable of subject. Not very generous with giving partial credit

7.4) Comment on what you feel are the positive and negative aspects of this course:

tests are much too long and there is lots of memorization of trivial formulas that is required

childs word.

This course is a very difficult course, a positive note would be that by learning this not high level of math, it shows one's ability to do well in ther major

This class is interesting - it is a math course that shows why math is useful. However, other applications beyond physics would be useful/ make the course more interesting.

Class should only be taught on TTh, because exams are hard to cram in only 50 minutes. Very bad textbook. Not all that helpful when trying to learn from it.

____ grading is insane. We are not math majors, we are engineering majors, our integrity does not have to be spot on everytime.

When of approaching the instructor concerning this, he didn't do much. I showed him I knew the material (somewhat) but I don't think there was much he could do out of fairness. I wish these instructors were more able/willing to use their own + judgement when evaluating students and not just exam grades.

The class is amazing in allowing you to have the powerful tools that give you the ability to solve complex problems. Of course, the problems associated with that is that the material can be complex to understand. Overall, this was a tremendously helpful and enlightening class.

The material was difficult, but manageable. It may be helpful to have homework due in order to receive feedback

I did not like the textbook at all. I find it difficult to follow, and important concepts seem to be presented much too fast without in depth explanation. I have had to rely entirely on notes to learn the material. If the professor was not as good as he is leading students through problems step-by-step, I probably would fail this course miserably.

I thought that the material was a little difficult

Very challenging course.

There is so much material to learn in a short amount of time. The material learned in this course makes sense and is applicable to many things

The tests reflected the optional HW + practice exam more than the material covered in class, which made the tests challenging to prepare for.

Not enough practice work. He gives us problems to do but provides no solutions so if we don't get an answer we have nothing to refer to.