MATH 1220-006 **A Survey of Calculus II** - Fall 2017

CGAS (13156)

INSTRUCTORS: **Echeverria Echeverria, Mariano (me3qr)**

Respondents: 19 / Enrollment: 34

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

	Results for MATH-1220-006, Echeverria Echeverria, Mariano	
1. Do you have comments/suggestions on the classwork problems? For example, were they easy, difficult, short, long? ~ Question Type: Short Answer ~ contributed by Echeverria Echeverria, Mariano (me3qr)	Total	Individual Answers
	19	*See below for Individual Results*

Classwork problems were easier than exam or homework problems

They were fair

they were good

I really liked classwork problems because he explained things step by step and always did the exceptions to rules/tricky problems in class too, which a lot of professors don't do. I found problems we did in class extremely helpful.

Classwork problems were helpful, but could be made more difficult to better mirror the exams.

Classwork was intuitive and useful.

Some of them were a little long and complicated, but my instructor effectively took us through it.

They were relatively difficult but I think that is probably a good thing, as long as they are still doable. I think it would've been helpful to go over the classwork in the next class after it is assigned.

The classwork problems were generally easy, which I enjoyed in the moment but think they gave me a skewed view of how much I actually knew. I think they would be more helpful if they were more in the style of the incredibly difficult exam questions.

Good length.

Classwork was often short but difficult

They varied in length and difficulty.

I liked the length of the problems and felt the difficult was right. But also that the problems were much harder than what we learned in class.

They were easy but I would have liked more variety.

Classwork was good and helped understand concepts we just learned. They were relatively easy and did not take much time.

I thought they were very fair, and I liked how if we didn't finish we could take them home.

They were good but they could have possibly been a bit harder

perfect

Some were to long to track at times

	Results for MATH-1220-006, Echeverria Echeverria, Mariano	
2. Which parts of the course did you find difficult? ~ Question Type: Short Answer ~ contributed by Echeverria Echeverria, Mariano (me3qr)	Total	Individual Answers
	18	*See below for Individual Results*

The exams felt like they did not have enough time and often required a much higher understanding of the material than classwork and homework would imply

I thought the exam in general was a bit more difficult than the harder problems we did in class. Some of homework problems were tricky.

The part of the course that we are going now taylor series and sequences and series

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	The exam problems were the most difficult, as I felt they came out of left field in terms of examples and practice problems offered on webassigns, in class and quizzes.
	Series, sequences and power series
	Exams
	Exams
	Some of the assignments on Webassign were very difficult and some of the classroom problems as well. The second exam was very difficult as well.
	test 2 material
	tests
	The exams
	Taylor and power series is quite difficult. I also had some trouble in the beginning of the course because I was relatively inexperienced with calculus and had some catching up to do.
	Double integrals
	The webassign problems and the exams. The lectures taught easy level problems but the webassigns were way harder than the ones from class and the textbook didnt help at all. The exam's difficulty was on a much higher level and I felt that the class lectures didnt prepare me enough for the exam. I wish we practiced questions relevant to thhe difficulty level of the exam.
	The first half and infinite series.
	taylor series
	Taylor polynomials
	The exams. They were so hard, and included things that I felt I hadn't been taught really.

3. Which parts of the course did you find easy?

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Question Type: Short Answer
~
contributed by Echeverria Echeverria, Mariano (me3qr)

Results for MATH-1220-006, Echeverria Echeverria, Mariano	
Total	Individual Answers
17	*See below for Individual Results*

	multivariable
	The homework and quizzes
	I found optimization and double integrals fairly easy compared to some of the other material.
	Probability Density
	The material on the first exam (derivatives, integrals, etc.)
	Webassign, HW, Classwork
	Trigonometry
	I wouldn't say easy, but classwork problems were most understandable since we did things step by step.
	Quizzes and classworl
	I found the material on the first two midterms very straightforward
	Webassign and classworks.
	it was all pretty hard material
	test 1 material
	quizzes
	Homework
	The first few weeks

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

	Most of the assignments on Webassign were fairly easy, as well as the classwork problems.

4. How did you prepare for the exams? (for example, you could mention if you had a tutor, read Tan's book or solved the exercises on the study guides)
~
Question Type: Short Answer
~
contributed by Echeverria Echeverria, Mariano (me3qr)

Results for MATH-1220-006, Echeverria Echeverria, Mariano	
Total	Individual Answers
19	*See below for Individual Results*

Class notes, Practice exams, Study Guide, briefly looked over quizzes/webassign

Study guide

practice problems

I took the practice tests and I reviewed my notes.

I read the study guides and solved some problems.

I had a tutor I met with for 2-3 hours a week, along with using the Math tutoring center for 2-3 hours a week and attending Mariano's office hours. Additionally, I went through each practice exam in a real exam setting and completed all webassigns.

I studied for a few days before, did practice exams, and ran Tan's book.

I solved the exercises on the study guides, went over the notes from class, practiced with past exam problems

Study guides, office hours, gilmer tutoring

redid homeworks, did old exams.

Did homework problems and old exams

I used the study guides and practice exams

I read the study guides and did a lot of practice with the old exams (which were extremely helpful to have available.

I read Tan, reviewed classwork and quiz corrections, and got help from a tutor after the first exam.

read notes and did practice exams

I used the great study guides and practice tests provided to me

I used the study guides, the practice tests, and Webassign

I read over class notes, study guides and mostly solved again old tests and class examples.

Study guide, practiced problems, class notes

5. What changes would you like to see on this course?
~
Question Type: Short Answer
~
contributed by Echeverria Echeverria, Mariano (me3qr)

Results for MATH-1220-006, Echeverria Echeverria, Mariano	
Total	Individual Answers
18	*See below for Individual Results*

I found the in-class quizzes to be the most similar to the test, but time was often too short for me to confidently complete them. I think example questions like those on the quizzes worked by the instructor would be helpful.

I wouldn't really change anything about the course

Exam grade distribution

A better preparation for the exams. A better correspondence between the exams, quizzes, WebAssign problems and the class. The study guides couldve been more informative instead of being just a set of problems.

More hard examples, like the exam, gone over in class.

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I would like to see the exams be more fair
	don't lecture the whole time
	I think more time needs to be spent on series
	I think the exam questions are much more difficult than the classwork and the web assigns. I think they could be a little less challenging and still effectively measure one's understanding of the course material.
	Make web assign less complicated.
	Perhaps less multi and more taylor series.
	More time for the exams; I think just fifteen minutes more would really help
	I would want to see material in class closer to the abstract problems we got on the exams.
	Harder in class problems
	The tests are so much harder than anything that we do in class or at home. We also need more examples in class
	more test practice problems
	I think the tests shouldn't be as hard as they are, but I understand that this is supposed to be a weed out class.
	More practice examples

6. Do you have any comments/suggestions on the quizzes? For example, do you think they should be less/more frequent, shorter/longer, less/more difficult?
~
Question Type: Short Answer
~
contributed by Echeverria Echeverria, Mariano (me3qr)

Results for MATH-1220-006, Echeverria Echeverria, Mariano	
Total	Individual Answers
17	*See below for Individual Results*

I think they should happen once a week, like they do. I like that they are not difficult but I think that it would be more helpful in preparing for the exams if they were more difficult. I also think longer quizzes would be more helpful.

I think they were fair; I liked how there was an opportunity for bonus points

they are good

I think the quizzes are fine the way they are.

nothing to say.

The quizzes were good and helped me stay on top of my learning

The quizzes were good review of what was taught and a good level of difficulty.

The quizzes were good

They were a good measuring stick

The frequency and the length are fine. But they couldve been more difficult.

Less frequent but worth more

For my class I liked the weekly quizzes and level of difficulty, but I've heard other classes are different.

They should really be given more time

Quizzes were good. Weekly allows students to be tested on current material and they did not take very long. Similar to classwork so students knew what they could expect.

Less Frequent

I thunk they are fine the way they are, they are very fair

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	perfect

7. How would you compare the problems on Webassign with the problems we did in class and the problems you had on the exam? **Did you find the Webassign hints useful?** ~ Question Type: Short Answer ~ *contributed by Echeverria Echeverria, Mariano (me3qr)*	Results for MATH-1220-006, Echeverria Echeverria, Mariano

Total	Individual Answers
19	*See below for Individual Results*

There s no comparison because all of them were very different. I found the WebAssign problems to be very hard and irrelevant to what we did in class. The textbook chapters also had no relevance to the WebAssign problems and I felt the textbook was useless. The problems we did in class were much easier than the ones we did in WebAssign and the ones on the exam. They didn't prepare us for higher difficult problems. The webassign hints were VERY useful becasue without them I wouldnt know how to approach them at all. But I felt the hints coulve been more clear and explanatory.

The Webassign problems weren't nearly as difficult as the problems on the exam. I did find the webassign hints useful because they helped me get the correct answers, but I think they actually hurt me because I used them to get the right answers, not necessarily to solve and understand the problems.

Webassign hints are useful and help learn concepts but do not correlate to problems on exam.

class problems <_ webassign <_ exam problems webassign hints were useful (the ones given by our teacher)

The web assign problems do not correlate to the difficulty or type of problems on the exam

The webassigns were good in terms of difficulty, but were often more a lot more straightforward than the harder exam questions.

The webassign questions are easier than the exam

I think they are harder than the problems we did in class but way easier than the exam questions. The hints were extremely helpful.

I think the Webassign problems were harder, but the hints were useful

Webassign hints were useful. Webassign problems were similar to the ones in class but some of them were much more complicated.

yes, hints were helpful

Webassign more difficult than classwork, but hints helped tremendously.

webassign is harder sometimes, hints are helpful

Some webassign problems were difficult.

I think the webassign problems were of quite a different format

Webassigns hints were very useful. I found most of the web assign problems to be easier than the exam problems.

The webassign problems were probably harder and some were irrelevant/redundant

Much harder on web assign.Hints helped

They were not similar at all. Exam questions required a much higher level of understanding of the material

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

8. I learned a lot in this course.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.11	0.74	0 (0.00%)	0 (0.00%)	4 (21.05%)	9 (47.37%)	6 (31.58%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1644	3.97	1.01	50 (3.04%)	142 (8.64%)	144 (8.76%)	783 (47.63%)	525 (31.93%)

9. The content of the course was good.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	3.84	0.90	0 (0.00%)	2 (10.53%)	3 (15.79%)	10 (52.63%)	4 (21.05%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1639	3.94	0.98	49 (2.99%)	126 (7.69%)	169 (10.31%)	824 (50.27%)	471 (28.74%)

10. At this point, I feel that this course has been or will be of value to me.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	3.79	1.13	1 (5.26%)	2 (10.53%)	2 (10.53%)	9 (47.37%)	5 (26.32%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1642	3.76	1.15	88 (5.36%)	191 (11.63%)	231 (14.07%)	657 (40.01%)	475 (28.93%)

11. The course was interesting.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	3.32	1.11	0 (0.00%)	5 (26.32%)	7 (36.84%)	3 (15.79%)	4 (21.05%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1643	3.48	1.20	114 (6.94%)	273 (16.62%)	323 (19.66%)	577 (35.12%)	356 (21.67%)

12. Compared to other courses, this one has been a good one.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
18	3.33	1.24	2 (11.11%)	2 (11.11%)	5 (27.78%)	6 (33.33%)	3 (16.67%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1635	3.35	1.24	159 (9.72%)	277 (16.94%)	340 (20.80%)	543 (33.21%)	316 (19.33%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

13. Please rate the course. (A = Excellent to E = Very Poor)
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
19	4.11	0.74	6 (31.58%)	9 (47.37%)	4 (21.05%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
1643	3.87	1.02	501 (30.49%)	636 (38.71%)	348 (21.18%)	107 (6.51%)	51 (3.10%)

14. The instructor showed a scholarly grasp of the course material.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.79	0.42	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (21.05%)	15 (78.95%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1642	4.41	0.85	26 (1.58%)	50 (3.05%)	89 (5.42%)	532 (32.40%)	945 (57.55%)

15. The instructor was well-prepared for class.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.79	0.42	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (21.05%)	15 (78.95%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1638	4.26	0.95	32 (1.95%)	89 (5.43%)	117 (7.14%)	579 (35.35%)	821 (50.12%)

16. The instructor was confident in front of the class.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.16	1.07	0 (0.00%)	2 (10.53%)	3 (15.79%)	4 (21.05%)	10 (52.63%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1640	4.18	0.98	27 (1.65%)	118 (7.20%)	153 (9.33%)	582 (35.49%)	760 (46.34%)

17. The instructor made good use of examples and illustrations.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.63	0.50	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (36.84%)	12 (63.16%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1640	3.99	1.08	48 (2.93%)	171 (10.43%)	165 (10.06%)	625 (38.11%)	631 (38.48%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

18. The instructor showed a genuine interest in teaching the course.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.89	0.32	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (10.53%)	17 (89.47%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1640	4.24	0.99	42 (2.56%)	83 (5.06%)	144 (8.78%)	539 (32.87%)	832 (50.73%)

19. A positive environment was provided for student questions.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.74	0.56	0 (0.00%)	0 (0.00%)	1 (5.26%)	3 (15.79%)	15 (78.95%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1641	4.23	0.94	34 (2.07%)	76 (4.63%)	155 (9.45%)	590 (35.95%)	786 (47.90%)

20. Students' questions were handled well.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.58	0.61	0 (0.00%)	0 (0.00%)	1 (5.26%)	6 (31.58%)	12 (63.16%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1636	4.08	1.01	40 (2.44%)	126 (7.70%)	156 (9.54%)	647 (39.55%)	667 (40.77%)

21. Lectures were clear and well organized.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.26	0.93	0 (0.00%)	1 (5.26%)	3 (15.79%)	5 (26.32%)	10 (52.63%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1641	3.79	1.16	75 (4.57%)	211 (12.86%)	224 (13.65%)	603 (36.75%)	528 (32.18%)

22. I could usually understand the lectures.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.21	0.71	0 (0.00%)	0 (0.00%)	3 (15.79%)	9 (47.37%)	7 (36.84%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1638	3.67	1.19	89 (5.43%)	263 (16.06%)	195 (11.90%)	642 (39.19%)	449 (27.41%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

23. The instructor seemed to be aware of whether the class was following the presentation.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.16	1.01	0 (0.00%)	2 (10.53%)	2 (10.53%)	6 (31.58%)	9 (47.37%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1638	3.64	1.17	81 (4.95%)	250 (15.26%)	275 (16.79%)	600 (36.63%)	432 (26.37%)

24. Please rate the instructor. (A = Excellent to E = Very Poor)
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
19	4.68	0.58	14 (73.68%)	4 (21.05%)	1 (5.26%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
1642	4.17	0.99	784 (47.75%)	510 (31.06%)	235 (14.31%)	76 (4.63%)	37 (2.25%)

25. Tests were graded and returned promptly.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	4.32	0.75	0 (0.00%)	0 (0.00%)	3 (15.79%)	7 (36.84%)	9 (47.37%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1641	4.18	0.94	36 (2.19%)	81 (4.94%)	139 (8.47%)	676 (41.19%)	709 (43.21%)

26. The grading was consistent and fair.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
19	3.89	0.99	0 (0.00%)	3 (15.79%)	1 (5.26%)	10 (52.63%)	5 (26.32%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1639	3.92	1.11	70 (4.27%)	159 (9.70%)	192 (11.71%)	634 (38.68%)	584 (35.63%)

27. The tests were a fair measure of the course material.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
18	3.00	1.14	1 (5.56%)	7 (38.89%)	2 (11.11%)	7 (38.89%)	1 (5.56%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1638	3.59	1.23	109 (6.65%)	279 (17.03%)	209 (12.76%)	612 (37.36%)	429 (26.19%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

28. My effort in this course compared to other courses was:
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	Much More Challenging (5)	More Challenging (4)	About the Same (3)	Less Challenging (2)	Much Less Challenging (1)
19	4.11	0.88	7 (36.84%)	8 (42.11%)	3 (15.79%)	1 (5.26%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Much More Challenging (5)	More Challenging (4)	About the Same (3)	Less Challenging (2)	Much Less Challenging (1)
1644	3.78	0.99	427 (25.97%)	624 (37.96%)	423 (25.73%)	139 (8.45%)	31 (1.89%)

29. The grade I expect to receive in this course.
~
Question Type: Likert
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Mean	Std Dev	A (4)	B (3)	C (2)	D (1)	F (0)
18	3.00	0.69	4 (22.22%)	10 (55.56%)	4 (22.22%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	A (4)	B (3)	C (2)	D (1)	F (0)
1633	3.20	0.81	666 (40.78%)	692 (42.38%)	224 (13.72%)	40 (2.45%)	11 (0.67%)

30. Your comments on the course:
~
Question Type: Short Answer
~
contributed by Department of Mathematics

Results for MATH-1220-006

Total	Individual Answers
13	*See below for Individual Results*

the lectures get boring

the math department in general makes the tests more difficult than anything we are doing in class and because of that I dislike the course. The tests should mirror what we learn in class. We should also be given more examples that are like the questions on the test. The only reason this class is worthwhile is if it is a requirement.

The course moves very fast and it is pretty hard. But I think it is pretty well designed, and I found most of the material interesting.

The course was very hard and had different standards. The class lectures would have easy examples and taught us to do easy problems but then the homework would be on a much higher level where there is no correspondence to the lectures. And the exams are the ultimate because they were the highest difficulty and had minimal connection to tests and hw.

Exam grade distribution too high

It was hard.

Interesting and challenging

I think this class is unnecessarily hard because of the exams. I don't think I will be able to get a C+ in this class, which I would need to be an Econ major, even though I am doing so much work outside of class to prepare. The tests are weighted so heavily that it is virtually meaningless how hard I work on everything else, because when I get to the test and inevitably get a D+ my final grade will not reflect how hard I worked.

Tough course

I think my class moved a little slow compared to other classes but I prefer that

challenging

As the second or third easiest math course offered at UVA I dont see the necessity to make the exams as difficult and different from problems done in class and on the homeworks. Almost everyone in this course is doing it as a pre-req for the Economics or a different major. As such, the difficult of these exams should not prevent people from being able to major in what they want to because of a math class.

Course was well organized, some topics felt rush because here were more to cover in them compared to other topics.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

31. Your comments on the instructor:
~
Question Type: Short Answer
~
contributed by Department of Mathematics

Results for MATH-1220-006	
Total	Individual Answers
15	*See below for Individual Results*

Fantastic. 10/10. Nothing negative to say whatsoever.

helpful outside of class and willing to sit down and explain concepts, fairly good lecturer

Mariano was a very good instructor and taught the material well. In office hours he was also really helpful.

I found it hard to understand what the instructor was teaching. I wish he was a bit more clear and concise in the lectures. He was undoubtedly a nice person but i would've definetly preferred a better instructor who could effectively teach the subject,

very approachable and understanding

Mariano is very nice and is very helpful during his office hours. In lecture he sometimes spends a little too much time on the easier aspects of a concept, but he goes through a lot of examples and explains everything thoroughly.

He was great and he did everything he could do to help me.

Mariano is a great person and clearly cares about teaching and his students. He is accessible and helpful in and outside of class.

Professor Echeverria seemed genuinely excited and well prepared to teach. He was kind and patient when answering questions and fostered a great learning environment. I felt I was learning valuable material each class. He was really great at teaching, in both understanding the content himself and explaining in words that students learning it can understand.

Really liked Prof. Lectures were effective and he was very open and understanding to questions/problems students had.

He did a great job, I would definitely recommend him or take a course with him in the future

I loved my instructor, one of the best professors I've had at UVA

I love Mariano, he seems so passionate about math and is extremely approachable

Loved the instructor didn't like the course.

Mariano was awesome. He was very knowledgeable and he clearly enjoyed teaching the course and cared a lot for the students.

32. Your comments on the textbook, readings, and tests:
~
Question Type: Short Answer
~
contributed by Department of Mathematics

Results for MATH-1220-006	
Total	Individual Answers
12	*See below for Individual Results*

pretty fair

The textbook couldve been way better as I felt that the homework from the book had no connections to the chapter's information. It was very disconnected and I felt that the textbook was useless. The test's difficulty was way harder than the class hw and quizzes. I felt that the class had not prepared me for exams at all. While the difficulty level of the class and what level we difficulty we were prepared for was 2 out of 5, 5 being the hardest, the exams on the othher side was a 5.

Unnecessary textbook, very difficult tests

I didn't really use the textbook. I feel as thought the tests were much harder than any problems we ever did in class or even on the practice exams.

no need for textbook

Haven't used the textbook once

Tan is helpful and so are the examples, although I wish I had access to more solved practice problems to compare my work to. I think the tests were unnecessarily hard, probably to get the certain grade distribution that solidifies this class as a weed out.

Tan textbook was not helpful or used.

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

Difficult

Test problems were much more abstract and tricky than homework and classroom problems. Since students with different professors take the same test, whoever is making it needs to be more aware of that.

Did not use textbook mainly class notes. Tests were overall fair, but could typically expect one of two questions completely out of the blue that had huge impact on grade.

I found the textbook difficult to understand and use online. The tests were difficult.

33. The average number of hours per week I spent outside of class preparing for this course was:
~
Question Type: Multiple Choice
~
contributed by Office of the Provost

Results for MATH-1220-006

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
19	0 (0.00%)	6 (31.58%)	9 (47.37%)	4 (21.05%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1638	31 (1.89%)	578 (35.29%)	715 (43.65%)	236 (14.41%)	78 (4.76%)

34. I learned a great deal in this course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
19	4.05	0.85	6 (31.58%)	9 (47.37%)	3 (15.79%)	1 (5.26%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1629	3.88	0.97	451 (27.69%)	734 (45.06%)	284 (17.43%)	122 (7.49%)	38 (2.33%)

35. Overall, this was a worthwhile course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for MATH-1220-006

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	3.72	0.83	3 (16.67%)	8 (44.44%)	6 (33.33%)	1 (5.56%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1630	3.77	1.09	448 (27.48%)	659 (40.43%)	285 (17.48%)	168 (10.31%)	70 (4.29%)

36. The course's goals and requirements were defined and adhered to by the instructor.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for MATH-1220-006, Echeverria Echeverria, Mariano

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
19	4.74	0.45	14 (73.68%)	5 (26.32%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1630	4.30	0.78	748 (45.89%)	696 (42.70%)	130 (7.98%)	47 (2.88%)	9 (0.55%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

37. The instructor was approachable and made himself/herself available to students outside the classroom.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for MATH-1220-006, Echeverria Echeverria, Mariano

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
19	4.89	0.32	17 (89.47%)	2 (10.53%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1641	4.42	0.80	937 (57.10%)	532 (32.42%)	115 (7.01%)	45 (2.74%)	12 (0.73%)

38. Overall, the instructor was an effective teacher.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for MATH-1220-006, Echeverria Echeverria, Mariano

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
19	4.58	0.77	13 (68.42%)	5 (26.32%)	0 (0.00%)	1 (5.26%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2017

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1638	4.04	1.07	702 (42.86%)	519 (31.68%)	249 (15.20%)	119 (7.26%)	49 (2.99%)

39. Please make any overall comments or observations about this course:
~
Question Type: Short Answer
~
contributed by Office of the Provost

Results for MATH-1220-006

Total	Individual Answers
4	*See below for Individual Results*

Good material. Prof. was effective in understanding concepts. Exams weighted heavily.

I shouldn't have taken this class and it will wreck my GPA. Definitely good practice in dealing with impossible things though, and taught me a lot. Mariano was very helpful and I'm glad I took this class with him.

I greatly appreciated the curves.

It was a great course