

# MATH 1210-014 Applied Calculus I - Fall 2014

CGAS (15408)

INSTRUCTORS: Echeverria Echeverria, Mariano (me3qr)

Respondents: 25 / Enrollment: 39

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~						
<p><b>1. 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)</b></p> <p>Question Type: Short Answer</p> <p>contributed by Echeverria Echeverria, Mariano (me3qr)</p>	<table border="1"> <thead> <tr> <th colspan="2" style="background-color: #4f81bd; color: white;">Results for MATH-1210-014, Echeverria Echeverria, Mariano</th> </tr> <tr> <th style="width: 50%;">Total</th> <th style="width: 50%;">Individual Answers</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">25</td> <td style="text-align: center;"><i>See below for Individual Results</i></td> </tr> </tbody> </table>	Results for MATH-1210-014, Echeverria Echeverria, Mariano		Total	Individual Answers	25	<i>See below for Individual Results</i>
Results for MATH-1210-014, Echeverria Echeverria, Mariano							
Total	Individual Answers						
25	<i>See below for Individual Results</i>						
	<p>solved all of the practice problems, did the previous exams, did the homework</p> <p>Solved the problems in the study guides and worked on old exams</p> <p>Solved exercises on study guides</p> <p>Solved exercises on the study guides</p> <p>Took practice tests, quizzes, and homework</p> <p>i studied</p> <p>I read the book and used the study guides.</p> <p>I studied the exercises from previous exams. I also used weassign assignments and study guides and exercises posted on the Collab site. Furthermore, I went to as many office hour sessions as possible.</p> <p>Used study guides, Khan Academy.</p> <p>I read the book and solved the exercises on the study guide. I also referred to online resources.</p> <p>Practice Tests</p> <p>Solved exercises on study guides, read Tan's book, looked over homework problems.</p> <p>study guides</p> <p>Solved problems from study guides and went to office hours</p> <p>I went to office hours and studied the review guides.</p> <p>Mostly study guides</p> <p>I would take practice exams and quizzes.</p> <p>I did the practice problems given to us.</p> <p>Looked at my notes from last year</p> <p>I had a tutor, solved exercises on the study guides, reviewed with peers</p> <p>I solved problems on study guides that were well-prepared by the instructor.</p> <p>Did the practice problems that my teacher sent out in the study guide and reread my notes.</p> <p>I did practice exams and went over the notes taken in class. For me, this was the most time effective and beneficial manner to study.</p> <p>I did the homeworks and practiced the old exams.</p> <p>Study guides and old exams</p>						
<p><b>2. Which parts of the course did you find easy?</b></p> <p>Question Type: Short Answer</p> <p>contributed by Echeverria Echeverria, Mariano (me3qr)</p>	<table border="1"> <thead> <tr> <th colspan="2" style="background-color: #4f81bd; color: white;">Results for MATH-1210-014, Echeverria Echeverria, Mariano</th> </tr> <tr> <th style="width: 50%;">Total</th> <th style="width: 50%;">Individual Answers</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">25</td> <td style="text-align: center;"><i>See below for Individual Results</i></td> </tr> </tbody> </table>	Results for MATH-1210-014, Echeverria Echeverria, Mariano		Total	Individual Answers	25	<i>See below for Individual Results</i>
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Total	Individual Answers						
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Derivatives

Modes of derivatives were quite simple and straightforward, requiring memorization more than anything.

The homework

I found the diagnostic quiz easy.

All of them

Completing homework on time, in class lectures, and class quizzes were easy.

Preparing for quizzes and completing homework

The beginning

Derivatives and basic integrals.

Integrals and derivatives.

Most of the content was familiar to me from a course i took in high school so applying the derivative and integral rules were easy.

homework and quizzes

derivatives

In class examples

Derivatives

The beginning, when we learned derivatives

I found the simple equations, as in non-applied problems, to be quite simple.

Quizzes

Quizzes

The entire beginning.

Finding simple derivatives and basic intergration

I found the quizzes to be very easy and most of the homework.

pre-calculus.

I found the information from the first exam relatively easy, such as lines and limits and derivatives.

everything before related rates

**3. Which parts of the course did you find difficult?**

Question Type: Short Answer

contributed by Echeverria Echeverria, Mariano (me3qr)

Results for MATH-1210-014, Echeverria Echeverria, Mariano	
Total	Individual Answers
25	See below for Individual Results

The tests

None of them

integrals

I found some of the word problems involving implicit differentiation and related rates the most difficult, but I didn't particularly struggle too much with them.

Optimization and related rates.

I found the second test to be the most difficult. I don't think that we were taught very well the related rate problem that was put on the test.

The geometry and application problems could be tricky. I was never good at geometry.

Exams

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

Exams  
 Exams  
 Logarithms  
 related rates, logs  
 The information from the last midterm was very difficult, especially the word problems (optimization).  
 related rates  
 Some of the more complicated integral things and a few of the application questions.  
 The exams  
 I found integrals difficult.  
 I was thrown off by the tests  
 The exams and some homework problems were difficult.  
 Logarithmic integration and differentiation. Related rates were difficult.  
 Everything else. Especially optimization, graph analysis, interest rates, any type of word problem.  
 the exams  
 Integrals in general. I really had to do my own work to explain how to solve them.  
 I struggled throughout the course in the applied, real-life problems. For example, related rates and optimization proved to be very challenging for me.  
 Integrals, pre-calculus

**4. I learned a lot in this course.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.68	0.80	0 (0.00%)	2 (8.00%)	7 (28.00%)	13 (52.00%)	3 (12.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1526	3.94	1.09	68 (4.46%)	130 (8.52%)	145 (9.50%)	659 (43.18%)	524 (34.34%)

**5. The content of the course was good.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.84	0.69	0 (0.00%)	1 (4.00%)	5 (20.00%)	16 (64.00%)	3 (12.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1516	3.96	0.97	57 (3.76%)	78 (5.15%)	163 (10.75%)	785 (51.78%)	433 (28.56%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**6. 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-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.52	0.87	0 (0.00%)	4 (16.00%)	6 (24.00%)	13 (52.00%)	2 (8.00%)

  

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1522	3.78	1.14	81 (5.32%)	165 (10.84%)	202 (13.27%)	629 (41.33%)	445 (29.24%)

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

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.28	0.98	1 (4.00%)	3 (12.00%)	12 (48.00%)	6 (24.00%)	3 (12.00%)

  

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1521	3.47	1.17	103 (6.77%)	239 (15.71%)	313 (20.58%)	568 (37.34%)	298 (19.59%)

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

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.52	1.05	1 (4.00%)	4 (16.00%)	4 (16.00%)	13 (52.00%)	3 (12.00%)

  

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1519	3.41	1.20	128 (8.43%)	245 (16.13%)	312 (20.54%)	545 (35.88%)	289 (19.03%)

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

Results for MATH-1210-014							
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
25	3.68	1.14	6 (24.00%)	10 (40.00%)	6 (24.00%)	1 (4.00%)	2 (8.00%)

  

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
1523	3.92	1.00	486 (31.91%)	604 (39.66%)	297 (19.50%)	92 (6.04%)	44 (2.89%)

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

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.48	0.65	0 (0.00%)	0 (0.00%)	2 (8.00%)	9 (36.00%)	14 (56.00%)

  

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1518	4.37	0.95	44 (2.90%)	59 (3.89%)	73 (4.81%)	451 (29.71%)	891 (58.70%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**11. The instructor was well-prepared for class.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.68	0.48	0 (0.00%)	0 (0.00%)	0 (0.00%)	8 (32.00%)	17 (68.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1515	4.29	0.98	44 (2.90%)	69 (4.55%)	103 (6.80%)	494 (32.61%)	805 (53.14%)

**12. The instructor was confident in front of the class.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.08	0.91	0 (0.00%)	1 (4.00%)	6 (24.00%)	8 (32.00%)	10 (40.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1516	4.10	1.13	69 (4.55%)	121 (7.98%)	121 (7.98%)	485 (31.99%)	720 (47.49%)

**13. The instructor made good use of examples and illustrations.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.28	0.84	0 (0.00%)	1 (4.00%)	3 (12.00%)	9 (36.00%)	12 (48.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1514	4.00	1.13	74 (4.89%)	127 (8.39%)	141 (9.31%)	559 (36.92%)	613 (40.49%)

**14. The instructor showed a genuine interest in teaching the course.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.64	0.49	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (36.00%)	16 (64.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1519	4.24	1.02	53 (3.49%)	66 (4.34%)	141 (9.28%)	463 (30.48%)	796 (52.40%)

**15. A positive environment was provided for student questions.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.48	0.71	0 (0.00%)	1 (4.00%)	0 (0.00%)	10 (40.00%)	14 (56.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1519	4.13	1.08	57 (3.75%)	110 (7.24%)	119 (7.83%)	520 (34.23%)	713 (46.94%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**16. Students' questions were handled well.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.40	0.76	0 (0.00%)	0 (0.00%)	4 (16.00%)	7 (28.00%)	14 (56.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1518	3.96	1.15	73 (4.81%)	147 (9.68%)	158 (10.41%)	529 (34.85%)	611 (40.25%)

**17. Lectures were clear and well organized.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.08	0.91	0 (0.00%)	2 (8.00%)	3 (12.00%)	11 (44.00%)	9 (36.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1517	3.91	1.16	83 (5.47%)	142 (9.36%)	175 (11.54%)	543 (35.79%)	574 (37.84%)

**18. I could usually understand the lectures.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.92	1.12	1 (4.00%)	2 (8.00%)	4 (16.00%)	9 (36.00%)	9 (36.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1515	3.78	1.15	88 (5.81%)	175 (11.55%)	150 (9.90%)	666 (43.96%)	436 (28.78%)

**19. 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-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.76	1.13	0 (0.00%)	4 (16.00%)	7 (28.00%)	5 (20.00%)	9 (36.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1517	3.60	1.16	95 (6.26%)	197 (12.99%)	277 (18.26%)	593 (39.09%)	355 (23.40%)

**20. Please rate the instructor. (A = Excellent to E = Very Poor)**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
25	4.36	0.81	14 (56.00%)	6 (24.00%)	5 (20.00%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
1522	4.13	1.08	746 (49.01%)	425 (27.92%)	210 (13.80%)	82 (5.39%)	59 (3.88%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**21. Tests were graded and returned promptly.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.76	0.52	0 (0.00%)	0 (0.00%)	1 (4.00%)	4 (16.00%)	20 (80.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1512	4.19	1.01	47 (3.11%)	85 (5.62%)	115 (7.61%)	555 (36.71%)	710 (46.96%)

**22. The grading was consistent and fair.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	4.24	1.13	1 (4.00%)	2 (8.00%)	1 (4.00%)	7 (28.00%)	14 (56.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1519	4.07	1.02	50 (3.29%)	98 (6.45%)	147 (9.68%)	618 (40.68%)	606 (39.89%)

**23. The tests were a fair measure of the course material.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
25	3.44	1.04	0 (0.00%)	6 (24.00%)	6 (24.00%)	9 (36.00%)	4 (16.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
1518	3.78	1.13	79 (5.20%)	170 (11.20%)	199 (13.11%)	631 (41.57%)	439 (28.92%)

**24. My effort in this course compared to other courses was:**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	Much More Challenging (5)	More Challenging (4)	About the Same (3)	Less Challenging (2)	Much Less Challenging (1)
25	3.08	0.91	2 (8.00%)	5 (20.00%)	11 (44.00%)	7 (28.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Much More Challenging (5)	More Challenging (4)	About the Same (3)	Less Challenging (2)	Much Less Challenging (1)
1524	3.62	0.97	290 (19.03%)	579 (37.99%)	461 (30.25%)	167 (10.96%)	27 (1.77%)

**25. The grade I expect to receive in this course.**

Question Type: Likert

contributed by Department of Mathematics

Results for MATH-1210-014							
Total	Mean	Std Dev	A (4)	B (3)	C (2)	D (1)	F (0)
24	3.29	0.69	10 (41.67%)	11 (45.83%)	3 (12.50%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	A (4)	B (3)	C (2)	D (1)	F (0)
1509	3.28	0.76	676 (44.80%)	616 (40.82%)	190 (12.59%)	25 (1.66%)	2 (0.13%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**26. Your comments on the course:**

~  
Question Type: Short Answer  
~

contributed by Department of Mathematics

Results for MATH-1210-014	
Total	Individual Answers
16	See below for Individual Results

Good material, a little boring but necessary

Not a very hard course, study a couple hours before the exam and you should be fine. Pretty much what i expected.

The course was interesting, but quite repetitive. We went over some topics for quite a while.

This was a good course that allowed me to better grasp the concepts of calculus

Good solid introduction to basic calculus concepts that was pretty easy if you took calc in high school. Very doable and fair, but I did feel it was useful.

fair

Course was very useful and I learned a lot.

For a math class it was one of the best.

good course

It was a very tough math course for me, but I was able to learn a lot.

Terrible experience in this course. I spent so much time working in this course and knew that I knew the material but did not get a good grade because I took a make up exam where I felt there were two mistakes on the exam that made it basically impossible to solve without a calculator and had to ask for the TA's help during the test. When I later went to talk to him about it being unfair he said it was not unfair because technically they were mistakes but they just made the problems not make sense and very hard to do. This is ridiculous that I was given an exam that needed a calculator in a non calculator course. The exam should have been fixed before I had taken it.

Good lectures; examples were in class were helpful

Lectures were pretty much useless, I would come out of class more confused than when I arrived

I appreciated the fact that material focused only on math that was easily applicable to professional situations, but I would have preferred to see examples related to other subjects (economics, biology etc.) rather than just examples of moving objects.

The book was never used and it was a complete waste of money. I feel like other teachers taught better because I wasn't aware that some things would be on the test.

I am not a math-talented individual, but the course was very doable.

**27. Your comments on the instructor:**

~  
Question Type: Short Answer  
~

contributed by Department of Mathematics

Results for MATH-1210-014	
Total	Individual Answers
19	See below for Individual Results

Mariano was an excellent TA. Very good to talk with and is always willing to help.

Love him!

Mariano is a kind and approachable instructor who made plenty of time for helping his students outside of class. He will be a very effective professor in the future.

Very nice guy, very approachable, but did not make anything clear in lectures and was hard to understand

Good at explaining content and was very accessible for students

I thought my TA was a good teacher and he was relatively helpful.

great !!!!

Mariano was very very nice and extremely receptive to questions or students needing help. He taught well and made the concepts clear and I felt well prepared for tests and quizzes.



Professor Echeverria was such a nice and accepting teacher. Although it was sometimes difficult to understand what he was saying, he always offered time before and after class to clarify ANY questions.

He was nice, but maybe too nice. There was no structure all the assignments are due on the last day.

Instructor was good at explaining concepts and answering student questions. Sometimes explanations were a little unclear, but overall helpful.

My instructor was very engaged in class and made tough concepts seem easy to understand.

Good and fair

Very approachable and knowledgeable. Tests were returned very fast and grading was fair.

He is a great teacher and is always willing to help.

The instructor was hard to understand at times.

My instructor, Mariano Echevierra was excellent. He genuinely seems to love the subject matter and was very enthusiastic in class. Professor Echevierra is very dedicated to his students. Often, he would come to class early to help students and his office hour sessions were frequent as well as very helpful. He always came to class prepared with examples and diagrams and alternative methods to solve problems so as to appeal to different learning styles. Although we covered a lot of information, Professor Echeverria always made a point of stopping after complex problems in order to answer any questions.

Nice, very helpful, worked hard to make sure students understood concepts

He has very good intentions but does not know how to teach calculus very well. He's a little all over the place and does explain things in full. We wasted a lot of time going over terminology and less on example problems. However the study guides he provided are very helpful.

**28. Your comments on the textbook, readings, and tests:**

Question Type: Short Answer

contributed by Department of Mathematics

**Results for MATH-1210-014**

Total	Individual Answers
18	See below for Individual Results

Helpful for tests/quizzes

Never really used the textbook or did readings. Webassign was helpful, and tests were pretty fair. Some of the questions were unnecessarily challenging though.

The book is not needed for this class.

The textbook wasn't that useful in digital form. I like tangible learning materials. The tests were also more difficult than the examples reviewed in class, and I feel like they should be a bit more similar in difficulty.

I didn't use the textbook at all

Make clear to new students NOT to purchase a hard copy of the text book. I purchased a hard copy of the book while unaware that I needed to purchase an account to Webassign, which includes an online version of the textbook. So essentially I paid for the same book twice, and I've never even opened the hard copy.

I did not read the textbook; however, the information I received from my instructor was very clear.

Didn't ever use the textbook or do any reading. Tests were somewhat challenging but very fair and very doable with moderate studying.

Textbook pointless and the tests don't even relate to the quizzes.

Readings were helpful

Tests were much harder than the material covered in class.

Not a fan of online textbooks. Tests were fair.

The textbook was not used much. Tests were often harder than the study guides.

fine

Textbooks and readings were fine, tests questions often much harder than in class quizzes or in-class examples.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																
<p>Eh</p> <p>The textbook was frustratingly unhelpful</p> <p>We didn't use the textbook.</p>																																																	
<p><b>29. The average number of hours per week I spent outside of class preparing for this course was:</b></p> <p>Question Type: Multiple Choice</p> <p>contributed by Office of the Provost</p>	<table border="1"> <thead> <tr> <th colspan="6">Results for MATH-1210-014</th> </tr> <tr> <th>Total</th> <th>Less than 1 (NA)</th> <th>1 - 3 (NA)</th> <th>4 - 6 (NA)</th> <th>7 - 9 (NA)</th> <th>10 or more (NA)</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>0 (0.00%)</td> <td>19 (76.00%)</td> <td>5 (20.00%)</td> <td>1 (4.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="6">Results for Mathematics Courses - Fall, 2014</th> </tr> <tr> <th>Total</th> <th>Less than 1 (NA)</th> <th>1 - 3 (NA)</th> <th>4 - 6 (NA)</th> <th>7 - 9 (NA)</th> <th>10 or more (NA)</th> </tr> </thead> <tbody> <tr> <td>1514</td> <td>48 (3.17%)</td> <td>599 (39.56%)</td> <td>614 (40.55%)</td> <td>192 (12.68%)</td> <td>61 (4.03%)</td> </tr> </tbody> </table>	Results for MATH-1210-014						Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)	25	0 (0.00%)	19 (76.00%)	5 (20.00%)	1 (4.00%)	0 (0.00%)	Results for Mathematics Courses - Fall, 2014						Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)	1514	48 (3.17%)	599 (39.56%)	614 (40.55%)	192 (12.68%)	61 (4.03%)												
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<p><b>30. I learned a great deal in this course.</b></p> <p>Question Type: Likert</p> <p>contributed by Office of the Provost</p>	<table border="1"> <thead> <tr> <th colspan="8">Results for MATH-1210-014</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>3.48</td> <td>0.77</td> <td>2 (8.00%)</td> <td>10 (40.00%)</td> <td>11 (44.00%)</td> <td>2 (8.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="8">Results for Mathematics Courses - Fall, 2014</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>1514</td> <td>3.89</td> <td>0.97</td> <td>440 (29.06%)</td> <td>640 (42.27%)</td> <td>298 (19.68%)</td> <td>104 (6.87%)</td> <td>32 (2.11%)</td> </tr> </tbody> </table>	Results for MATH-1210-014								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	25	3.48	0.77	2 (8.00%)	10 (40.00%)	11 (44.00%)	2 (8.00%)	0 (0.00%)	Results for Mathematics Courses - Fall, 2014								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	1514	3.89	0.97	440 (29.06%)	640 (42.27%)	298 (19.68%)	104 (6.87%)	32 (2.11%)
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<p><b>31. Overall, this was a worthwhile course.</b></p> <p>Question Type: Likert</p> <p>contributed by Office of the Provost</p>	<table border="1"> <thead> <tr> <th colspan="8">Results for MATH-1210-014</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>3.64</td> <td>0.81</td> <td>3 (12.00%)</td> <td>12 (48.00%)</td> <td>8 (32.00%)</td> <td>2 (8.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="8">Results for Mathematics Courses - Fall, 2014</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>1513</td> <td>3.82</td> <td>1.06</td> <td>439 (29.02%)</td> <td>612 (40.45%)</td> <td>279 (18.44%)</td> <td>123 (8.13%)</td> <td>60 (3.97%)</td> </tr> </tbody> </table>	Results for MATH-1210-014								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	25	3.64	0.81	3 (12.00%)	12 (48.00%)	8 (32.00%)	2 (8.00%)	0 (0.00%)	Results for Mathematics Courses - Fall, 2014								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	1513	3.82	1.06	439 (29.02%)	612 (40.45%)	279 (18.44%)	123 (8.13%)	60 (3.97%)
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~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**33. 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-1210-014, Echeverria Echeverria, Mariano							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
24	4.75	0.44	18 (75.00%)	6 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1512	4.32	0.91	817 (54.03%)	469 (31.02%)	149 (9.85%)	51 (3.37%)	26 (1.72%)

**34. Overall, the instructor was an effective teacher.**

Question Type: Likert

contributed by Office of the Provost

Results for MATH-1210-014, Echeverria Echeverria, Mariano							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
25	4.24	0.93	12 (48.00%)	9 (36.00%)	2 (8.00%)	2 (8.00%)	0 (0.00%)

Results for Mathematics Courses - Fall, 2014							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1515	4.02	1.13	664 (43.83%)	479 (31.62%)	181 (11.95%)	125 (8.25%)	66 (4.36%)

**35. Please make any overall comments or observations about this course:**

Question Type: Short Answer

contributed by Office of the Provost

Results for MATH-1210-014	
Total	Individual Answers
9	See below for Individual Results

Once again, my instructor, Mariano Echeverria, was excellent. He is very dedicated to his students, often coming to class early or extending his office hour sessions in order to address student questions. In class, he incorporates a lot of diagrams and alternative methods in order to appeal to different learning styles which was very helpful. Mariano Echeverria always came to class prepared with notes and examples and diagrams.

It was a mistake to take this course I didn't learn anything new.

Definitely the most interesting math course I have taken.

Tests were very tough, but the course taught me a lot about mathematics and other concepts relating to numbers.

Overall good class; course content was clear and I learned calculus a little more clearly

Mariano is extremely available for help. He is great because he makes it clear that he wants everyone to understand the material and do well in the course.

Pretty easy, simple intro course to calculus. Good pathway into applied calc 2, good option for pre-med students.

I'm going to miss Mariano!

The course was solidly organized. I just really think that more examples should be covered in class and the examples should be of greater difficulty.