

Fall 2013

Math140, Applied Calculus (n=22)

For each question (except those as noted), the choices were:

(3) Strongly Agree, (2) Agree, (1) Disagree, (0) Strongly Disagree.

Question	Mean Response	Standard Deviation
1: I have attended all or just about all of the lectures.	2.64	0.49
2: I found the lectures to be mostly understandable.	2.05	0.58
3: I found most of the lectures to be enjoyable.	1.76	0.70
4: I thought the number of examples given in lectures was...	too many: 0% about right: 72.7% too few: 27.3%	
5: I thought the pace of this class was...	too fast: 38.1% about right: 61.9% too slow: 0%	
6: I thought this course was organized well.	2.14	0.47
7: I thought a reasonable amount of homework was being assigned.	2.19	0.60
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.	1.76	0.70
9: I thought the homework assignments were at a reasonable level of difficulty.	1.55	0.51
10: I thought the projects were beneficial to my learning.	1.63	0.76
11: I thought the projects assigned were at a reasonable level of difficulty.	1.35	0.81
12: I thought the quizzes were at a reasonable level of difficulty.	2.05	0.58
13: I thought the exams were at a reasonable level of difficulty.	1.57	0.81
14: I found the previous exams helpful in my studying.	1.52	0.60
15: I thought the instructor had the appropriate level of enthusiasm and energy.	2.32	0.48
16: I found the instructor's responses to my questions to be helpful.	2.19	0.60
17: I found the instructor to be effective in teaching the subject matter.	2.10	0.62
18: I thought the instructor cared about my progress in the course.	1.90	0.54
19: The instructor clearly explained the concepts of the class.	1.86	0.65
20: The instructor was available outside the class to help me.	2.29	0.46
21: This course is what I expected it to be.	1.68	0.72
22: I felt like this course was relevant to my major.	1.62	0.92
23: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 72.7% a similar level of intellectual challenge: 22.7% a lower level of intellectual challenge: 4.5%	
24: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	2.05	0.60

25: Overall, I thought this was a good course.	1.80	0.62
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Representative Comments

24: What do you think most contributed to your success in this class?

- The homework and the textbook examples
- Spending time studying
- Studying the notes from lecture and tutoring
- Multiple examples in lectures
- Going to the tutor center to get help.

25: What do you think most contributed to any troubles you had in this class?

- Homework examples were not covered in class; exams very unfamiliar to quizzes
- The projects were tough
- The fact that math is not my best subject and no calc background
- A lack of explanation from the instructor.

26: Do you have any suggestions for the instructor that may be helpful for the next time this course is taught?

- Please do give examples that will come up in the homework
- Sometimes you get going really fast, there was some homework that was hard to understand
- Don't use examples on tests we have never seen in class
- Projects that are easier to understand
- Keep up the good work, we can tell you love math and it shows in your instructing

27: Do you have any advice you would give to students in the first week/day of this class in future semesters?

- Study / ask questions / do no procrastinate
- Start projects early!
- Don't be lazy
- Go to every class
- Do the homework
- If you are having problems, see a tutor!
- Go to all lectures; he is a great teacher; the HW is deceptively easier
- Put in the work, put in the time. You need to!

28: Any additional comments?

- Decently hard class
- Thanks for being enthusiastic – makes a class I didn't want to take much more bearable
- Great class, wish I did better
- I enjoyed the class. It tests my knowledge and intelligence and few classes have done that to me.
- Course is a good intro to calculus

Math212, Calculus I (n=23)

For each question (except those as noted), the choices were:

(3) Strongly Agree, (2) Agree, (1) Disagree, (0) Strongly Disagree.

Question	Mean Response	Standard Deviation
1: I have attended all or just about all of the lectures.	2.87	0.34
2: I found the lectures to be mostly understandable.	2.13	0.63
3: I found most of the lectures to be enjoyable.	2.05	0.72
4: I thought the number of examples given in lectures was...	too many: 4.3% about right: 87.0% too few: 8.7%	
5: I thought the pace of this class was...	too fast: 47.6% about right: 52.4% too slow: 0%	
6: I thought this course was organized well.	2.22	0.52
7: I thought a reasonable amount of homework was being assigned.	2.04	0.64
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.	1.61	0.66
9: I thought the Homework Days were beneficial to my learning	2.26	0.62
10: I thought the quizzes were at a reasonable level of difficulty.	1.82	0.59
11: I found the sample exam review sessions to be beneficial to my learning.	2.43	0.59
12: I thought the exams were at a reasonable level of difficulty.	1.87	0.63
13: I thought the instructor had the appropriate level of enthusiasm and energy.	2.57	0.51
14: I found the instructor's responses to my questions to be helpful.	2.17	0.65
15: I found the instructor to be effective in teaching the subject matter.	2.26	0.69
16: I thought the instructor cared about my progress in the course.	1.86	0.64
17: The instructor clearly explained the concepts of the class.	1.95	0.74
18: The instructor was available outside the class to help me.	2.05	0.58
19: This course is what I expected it to be.	2.00	0.60
20: I felt like this course was relevant to my major.	2.05	0.65
21: What percentage of your studying (homework or otherwise) is done in a group?	0%: 39.1% 5-20%: 26.1% 25 - 50%: 8.7% 55 - 75%: 21.7% 80 - 100%: 4.3%	
22: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 69.6% a similar level of intellectual challenge: 30.4% a lower level of intellectual challenge:	

	0%	
23: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	1.96	0.82
24: Overall, I thought this was a good course.	2.13	0.55
25: I have a good idea of what my current grade in this class is.	2.00	0.44
26: I think my current grade in this class adequately represents my performance.	1.91	0.68

Representative Comments

27: What do you think most contributed to your success in this class?

- Seeing the examples given in lecture and the homework days
- The practice exams was one thing that really helped my grade.
- S2I sessions
- Lectures
- Studying in a group

28: What do you think most contributed to any troubles you had in this class?

- My precalc is weak
- The fast pace of the course
- Too much homework assigned and the professor did not go over any examples of problems we had to do on our homework
- Chapter 3 on D2L, wasn't the same as looking in the book for examples
- Content and the way they were explained were done poorly.
- The variable difficulty in problems

29: Do you have any suggestions that may be helpful for the next time this course is taught?

- Possibly go slower
- Harder examples with optimization (4.7) more useful on exams then.
- Spend more time discussing homework problems

30: Do you have any advice to give to students in the first week of this class in future semesters?

- Do your homework and the sample exams.
- Ask questions if you don't know something
- Go to class, study, go to S2I

31: Any additional comments?

- Really liked the way the material was shown. Great job!
- I liked Errthum's enthusiasm
- Fun class & fun teacher
- I thought you did a good job with the class

Math213, Calculus II (n=17)

For each question (except those as noted), the choices were:

(3) Strongly Agree, (2) Agree, (1) Disagree, (0) Strongly Disagree.

Question		Mean Response	Standard Deviation
1: I have attended all or just about all of the lectures.		2.88	0.33
2: I found the lectures to be mostly understandable.		2.47	0.51
3: I found most of the lectures to be enjoyable.		2.24	0.44
4: I thought the number of examples given in lectures was...		too many: 5.9% about right: 88.2% too few: 5.9%	
5: I thought the pace of this class was...		too fast: 26.7% about right: 73.3% too slow: 0%	
6: I thought this course was organized well.		2.50	0.52
7: I thought a reasonable amount of homework was being assigned.		2.06	0.56
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.		1.65	0.61
9: I think using WebAssign is an effective way of doing homework for this class.		1.59	0.87
10: I thought the quizzes were at a reasonable level of difficulty.		2.29	0.59
11: I thought the exams were at a reasonable level of difficulty.		2.12	0.60
12: I found the pre-quiz discussion sessions to be beneficial to my learning.		2.41	0.51
13: I found the sample exam review sessions to be beneficial to my learning.		2.53	0.51
14: I thought the instructor had the appropriate level of enthusiasm and energy.		2.71	0.47
15: I found the instructor's responses to my questions to be helpful.		2.53	0.51
16: I found the instructor to be effective in teaching the subject matter.		2.41	0.51
17: I thought the instructor cared about my progress in the course.		2.24	0.56
18: The instructor clearly explained the concepts of the class.		2.41	0.51
19: The instructor was available outside the class to help me.		2.47	0.51
20: This course is what I expected it to be.		2.06	0.75
21: I felt like this course was relevant to my major.		2.12	0.78
22: In comparison to other courses I have taken, I found this course to be		a higher level of intellectual challenge: 64.7% a similar level of intellectual challenge: 35.3% a lower level of intellectual challenge: 0%	
23: If a friend of mine asked me about this instructor, I would recommend taking a class from him.		2.29	0.59
24: Overall, I thought this was a good course.		2.29	0.59
25: I have a good idea of what my current grade in this class is.		2.35	0.49
26: I think my current grade in this class adequately represents my performance.		2.06	0.56

Representative Comments

27: What do you think most contributed to your success in this class?

- Staying on top of the homework, coming to class everyday, and weekly quizzes made me stay prepared throughout the course.
- The homework and his examples were very helpful
- How well the professor taught and the amount of work assigned was great but there were many chances to get points in the class.
- Trying to understand the math behind everything
- Sample exams
- Having already taken the course in high school
- Errthum's in-depth coverage of everything as well as pointing out where common mistakes happen

28: What do you think most contributed to any troubles you had in this class?

- The course requires a lot of time to learn some of the topics, sometimes I was busy
- The pace is faster than any I have ever taken, but I enjoyed the challenge
- Not doing the work
- Not going in for extra help on material that I did not understand
- Remembering previous Calc I or pre-calc knowledge
- Lots of concepts that I didn't fully understand, making little mistakes that turned into big problems

29: Do you have any suggestions that may be helpful for the next time this course is taught?

- Do the same thing!
- Some day there were an excessive number of examples
- Really describe how to do Taylor series and what is happening each step.
- Hammer out the geometry more.
- Spend a little extra time on the section involving work => lots of variables
- No WebAssign
- A little more time between quizzes
- Give more difficult examples in class

30: Do you have any advice to give to students in the first week of this class in future semesters?

- Stay on top of the homework, do the PSP's, quizzes are your best friend, good luck with Taylor series
- If you want to increase your math knowledge, stay in this class.
- Pace yourself on the homework. Don't just do it all before the quizzes.

- Take Errthum and learn the geometry.
- Take advantage of the E.C. opportunities & show up to class.
- Make sure to know Calc I

31: Any additional comments?

- Loved the class! Thanks so much!
- Examples in-class and teaching style made it easier to learn.
- Ditch WebAssign and drop Stewart