

Spring 2016

Math213, Calculus II (n=9)

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.	2.89	0.33
2: I found the lectures to be mostly understandable.	2.44	0.53
3: I found most of the lectures to be enjoyable.	2.56	0.73
4: I thought the number of examples given in lectures was...	too many: 0% about right: 100% too few: 0%	
5: I thought the pace of this class was...	too fast: 33.3% about right: 66.7% too slow: 0%	
6: I thought this course was organized well.	2.67	0.71
7: I thought a reasonable amount of homework was being assigned.	1.78	0.83
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.	1.63	0.74
9: I think using WebWork is an effective way of doing homework for this class.	1.89	1.05
10: I thought the quizzes were at a reasonable level of difficulty.	2.44	0.53
11: I thought the exams were at a reasonable level of difficulty.	2.11	0.78
12: I found the pre-quiz discussion sessions to be beneficial to my learning.	2.89	0.33
13: I found the sample exam review sessions to be beneficial to my learning.	2.78	0.67
14: I thought the instructor had the appropriate level of enthusiasm and energy.	2.89	0.33
15: I found the instructor's responses to my questions to be helpful.	2.89	0.33
16: I found the instructor to be effective in teaching the subject matter.	2.78	0.44
17: I thought the instructor cared about my progress in the course.	2.67	0.71
18: The instructor clearly explained the concepts of the class.	2.56	0.73
19: The instructor was available outside the class to help me.	3.00	0.00
20: This course is what I expected it to be.	2.22	0.83
21: I felt like this course was relevant to my major.	2.22	0.83
22: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 88.9% a similar level of intellectual challenge: 11.1% 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.	2.44	0.88
24: Overall, I thought this was a good course.	2.67	0.50

25: I have a good idea of what my current grade in this class is.	2.56	0.53
26: I think my current grade in this class adequately represents my performance.	2.13	0.83

Representative Comments

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

- Attending lecture / help on hw outside of class
- Consistently doing the homework and making sure I actually understood the “why” of problems.
- Asking questions
- Taking notes, studying, participating in class

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

- It requires a lot of time/practice to understand the concepts
- Not doing the homework
- Not studying, not being comfortable enough with algebra/precalc
- Webworks took too long, usually spent 3-4 hours per assignment

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

- No, really enjoyed it
- Harder examples in class
- I have to say sometimes the nature of your problems seems so daunting sometimes students just give up

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

- Take notes / attend lecture
- Get in the habit of doing the homework
- Stick with it, tough course but manageable if participating
- Study more
- Make sure they are very comfortable,/brushed up on prerequisite material

31: Any additional comments?

-

Math247, Discrete Mathematics (n=15)

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 attended all or just about all of the lectures.	2.73	0.70
2: I found the lectures to be mostly understandable.	2.27	0.59
3: I found most of the lectures to be enjoyable.	2.07	0.73
4: I thought the number of examples given in lectures is...	too many: 0% about right: 93.3% too few: 6.7%	
5: I thought the pace of this class was...	too fast: 33.3% about right: 60% too slow: 6.7%	
6: I thought this course has been organized well.	2.27	0.80
7: I thought a reasonable amount of homework was assigned.	1.80	0.77
8: I thought the individual homework problems assigned are at a reasonable level of difficulty.	1.93	0.70
9: I found the homework days beneficial to my learning.	1.67	0.82
10: I found the written homework beneficial to my learning.	2.20	0.41
12: I thought the exams were at a reasonable level of difficulty.	2.29	0.73
13: I thought the instructor has the appropriate level of enthusiasm and energy.	2.80	0.41
14: I found the instructor's responses to my questions to be helpful.	2.27	0.59
15: I found the instructor to be effective in teaching the subject matter.	2.47	0.64
16: I thought the instructor cared about my progress in the course.	2.14	0.53
17: The instructor clearly explained the concepts of the class.	2.29	0.83
18: The instructor was available outside the class to help me.	2.43	0.51
19: What percentage of your studying (homework or otherwise) is done in a group?	0%: 40% 5-20%: 13.3% 25 - 50%: 0% 55 - 75%: 33.3% 80 – 100%: 13.3%	
20: This course is what I expected it to be.	1.87	0.64
21: I felt like this course was relevant to my major.	2.00	0.65
22: In comparison to other MATH courses I have taken, I found this course to be	a higher level of intellectual challenge: 26.7% a similar level of intellectual challenge: 53.3% a lower level of intellectual challenge: 20%	
23: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	2.14	0.86
24: Overall, I thought this was a good course.	2.00	0.76

Representative Comments

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

- Having oral, written, and review days to study
- Keeping up with all the homework and visiting office hours
- Attending lectures and doing the readings
- Oral homework days, even though the written homework was usually difficult, it definitely solidified the concepts.
- The combination of the website and the lectures

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

- The lecture was very fast.
- Not studying hard enough for exams
- The written homework
- I thought the exams were too long.
- Simply being a different “set” of math than I usually deal with.

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

- Some of the later topics should be taken at a slower pace
- I think maybe less frequent hw days. I think the course sometimes felt rushed b/c we sacrifice approximately 1 day a week for hw days.

28: What advice would you give to another student taking this course next time?

- Come to every class, information is important
- The written homework is going to seem like a pain, but work through it & don't be afraid to go to office hours for help!
- Do the readings before class; Don't think the class is easy because you might be wrong; Practice problems at home
- Do the online work – you know what to pay attention to, and it makes life easier

29: Any additional comments?

- Enjoyed class
- Generally, great class
- Cut out ebook
- Professor is very helpful. Makes the content easy to understand in class.
- Although this class wasn't closely related to my major it helped me understand a broader range of math concepts & improved my critical thinking.

Math347, Number Theory (n=12)

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 attended all or just about all of the lectures.	2.83	0.39
2: I found the lectures to be mostly understandable.	2.17	0.39
3: I found most of the lectures to be enjoyable.	1.75	0.75
4: I thought the number of examples given in lectures is...	too many: 0% about right: 83.3% too few: 16.7%	
5: I thought the pace of this class was...	too fast: 16.7% about right: 75% too slow: 8.3%	
6: I thought this course has been organized well.	2.25	0.45
7: I thought a reasonable amount of homework is being assigned.	2.08	0.67
8: I thought the individual homework problems assigned are at a reasonable level of difficulty.	1.83	0.58
9: I found the homework days beneficial to my learning.	2.17	0.83
10: I found the written homework beneficial to my learning.	2.00	0.74
11: I thought the quizzes were at a reasonable level of difficulty.	2.09	0.70
12: I thought the exams were at a reasonable level of difficulty.	2.08	0.51
13: I thought the instructor has the appropriate level of enthusiasm and energy.	2.50	0.52
14: I found the instructor's responses to my questions to be helpful.	2.00	0.60
15: I found the instructor to be effective in teaching the subject matter.	2.25	0.62
16: I thought the instructor cared about my progress in the course.	1.92	0.79
17: The instructor clearly explained the concepts of the class.	2.25	0.62
18: The instructor was available outside the class to help me.	2.42	0.51
19: What percentage of your studying (homework or otherwise) is done in a group?	0%: 16.7% 5-20%: 16.7% 25 - 50%: 50% 55 - 75%: 8.3% 80 – 100%: 8.3%	
20: This course is what I expected it to be.	1.83	0.72
21: I felt like this course was relevant to my major.	2.33	0.65
22: In comparison to other MATH courses I have taken, I found this course to be	a higher level of intellectual challenge: 83.3% a similar level of intellectual challenge: 8.3% a lower level of intellectual challenge: 8.3%	
23: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	2.08	0.67
24: Overall, I thought this was a good course.	2.17	0.58

Representative Comments

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

- Studying
- Oral homework days
- Reading the book & other outside sources
- Going to lecture & asking for help outside of class

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

- Poor attendance
- Moving fast in lectures sometimes
- Not being able to complete homework assignments
- Not fully understanding the material and quizzes and exams being something different than what we learned.

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

- Assign more homework, especially oral ones
- Spend more time on the last chapter
- If oral is eliminated, many more days for lecture.
- None, thought the course was great

34: What advice would you give to another student taking this course next time?

- Don't read the book. It gets somewhat confusing most of the time.
- Don't be afraid to be wrong
- Start your homework right away & ask questions
- Just stick with it. The first few weeks are rough but it gets a lot more fun.
- Start out strong. Don't let yourself get behind. He gives you a calendar on when to work on something. Do it! Keep up, once behind you will stay behind.

35: Any additional comments?

- Put in more stuffs!
- More applications to real world, why do we care? Maybe emphasize more on other number systems & norms as well.
- I found this class to be very challenging and although I struggled through a good amount of it, I found that I learned quite a bit.

Math395, Calculus II (n=9)
(co-taught with Chris Malone, cross-listed as STAT395)

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.	2.67	0.50
2: I found the lectures to be mostly understandable.	2.78	0.44
3: I found most of the lectures to be enjoyable.	2.11	0.33
4: I thought the pace of this class was...	too fast: 0% about right: 100% too slow: 0%	
5: I thought this course was organized well.	2.25	0.71
6: I thought a reasonable amount of homework was being assigned.	1.67	0.50
7: I thought the individual homework problems assigned were at a reasonable level of difficulty.	2.22	0.44
8: I thought the instructor had the appropriate level of enthusiasm and energy.	2.56	0.53
9: I found the instructor's responses to my questions to be helpful.	2.33	0.50
10: I found the instructor to be effective in teaching the subject matter.	2.44	0.53
11: I thought the instructor cared about my progress in the course.	2.44	0.53
12: The instructor clearly explained the concepts of the class.	2.11	0.60
13: The instructor was available outside the class to help me.	2.38	0.52
14: This course is what I expected it to be.	2.11	0.60
15: I felt like this course was relevant to my major.	2.78	0.44
16: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 25% a similar level of intellectual challenge: 62.5% a lower level of intellectual challenge: 12.5%	
17: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	2.22	0.44
18: Overall, I thought this was a good course.	2.22	0.67

Representative Comments

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

- Feedback on our speeches
- The 3 presentations really helped improve skills, especially getting to watch ourselves

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

- 8am

- Not timing my speeches when practicing

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

- Organize dates on the online calendar in a more timely manner
- More time on building resume and feedback on it.
- Be more organized.

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

- Listen, ask questions, don't skip classes.
- This class is very helpful. Paying attention will pay off in the future.
- Don't procrastinate the poster or paper.

23: Any additional comments?

-