Spring 2014

Math212, Calculus I (n=21)

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.	2.71	0.46
2: I found the lectures to be mostly understandable.	2.14	0.65
3: I found most of the lectures to be enjoyable.	1.81	0.87
4: I thought the number of examples given in lectures was...	too many: 0% about right: 71.4% too few: 28.6%	
5: I thought the pace of this class was...	too fast: 26.3% about right: 73.7% too slow: 0%	
6: I thought this course was organized well.	2.05	0.67
7: I thought a reasonable amount of homework was being assigned.	2.10	0.44
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.	1.70	0.47
9: I thought the Homework Days were beneficial to my learning	2.16	0.76
10: I thought the quizzes were at a reasonable level of difficulty.	1.86	0.57
11: I found the sample exam review sessions to be beneficial to my learning.	2.24	0.77
12: I thought the exams were at a reasonable level of difficulty.	1.45	0.83
13: I thought the instructor had the appropriate level of enthusiasm and energy.	2.30	0.57
14: I found the instructor's responses to my questions to be helpful.	1.95	0.83
15: I found the instructor to be effective in teaching the subject matter.	2.00	0.77
16: I thought the instructor cared about my progress in the course.	1.50	0.83
17: The instructor clearly explained the concepts of the class.	2.00	0.71
18: The instructor was available outside the class to help me.	2.05	0.51
19: This course is what I expected it to be.	1.67	0.73
20: I felt like this course was relevant to my major.	1.67	0.97
21: What percentage of your studying (homework or otherwise) is done in a group?	0%: 23.8% 5-20%: 33.3% 25 - 50%: 23.8% 55 - 75%: 14.3% 80 – 100%: 0%	
22: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 70% a similar level of intellectual challenge: 20% a lower level of intellectual challenge: 10%	

23: If a friend of mine asked me about this instructor, I would recommend taking a class from him.	2.05	0.97
24: Overall, I thought this was a good course.	1.86	0.79
25: I have a good idea of what my current grade in this class is.	2.14	0.48
26: I think my current grade in this class adequately represents my performance.	1.86	0.91

Representative Comments

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

- Talking to the instructor
- The MAC. Getting one on one help there saved my butt.
- Homework Day and Sample exam
- S2I and MAC sessions
- Coming to lectures and doing the homework

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

- The exams were much harder than the sample exams

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

- Harder examples in class to better prepare for HW & tests
- Have easier problems
- Try to slow down a bit
- Not as many homework days

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

- Attend ALL lectures
- Go to the MAC!
- Do all of the homework and go to S2I for help doing it.
- Go to class and ask questions!

31: Any additional comments?

- Sometimes the homework assigned was a little too much (amount-wise)
- Most student only need Calc I, so have easier problems
- Professor Errthum is fantastic! He knows what he's talking about and makes class fun.
- Loved the enthusiasm in the instructor.
- Loved this class!

- I thought the connections and explanations of the concepts were very good and not only focused on procedures.

Math213, Calculus II (n=13)

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.	2.77	0.60
2: I found the lectures to be mostly understandable.	2.54	0.52
3: I found most of the lectures to be enjoyable.	2.31	0.48
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: 23.1% about right: 76.9% too slow: 0%	
6: I thought this course was organized well.	2.46	0.52
7: I thought a reasonable amount of homework was being assigned.	1.92	0.49
8: I thought the individual homework problems assigned were at a reasonable level of difficulty.	1.77	0.73
9: I think using WebAssign is an effective way of doing homework for this class.	1.85	0.99
10: I thought the quizzes were at a reasonable level of difficulty.	1.92	0.49
11: I thought the exams were at a reasonable level of difficulty.	1.83	0.58
12: I found the pre-quiz discussion sessions to be beneficial to my learning.	2.69	0.48
13: I found the sample exam review sessions to be beneficial to my learning.	2.54	0.52
14: I thought the instructor had the appropriate level of enthusiasm and energy.	2.69	0.48
15: I found the instructor's responses to my questions to be helpful.	2.58	0.51
16: I found the instructor to be effective in teaching the subject matter.	2.62	0.65
17: I thought the instructor cared about my progress in the course.	2.31	0.63
18: The instructor clearly explained the concepts of the class.	2.31	0.63
19: The instructor was available outside the class to help me.	2.38	0.51
20: This course is what I expected it to be.	2.15	0.55
21: I felt like this course was relevant to my major.	2.00	0.91
22: In comparison to other courses I have taken, I found this course to be	a higher level of intellectual challenge: 84.6% a similar level of intellectual challenge: 15.4% 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.	2.67	0.65
24: Overall, I thought this was a good course.	2.15	0.55
25: I have a good idea of what my current grade in this class is.	2.38	0.51
26: I think my current grade in this class adequately represents my performance.	2.00	0.82

Representative Comments

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

- Examples while in lecture
- Studying and asking questions
- Homework review days before quizzes
- Doing the homework, attending <u>all</u> lectures, sample exams
- The lectures were presented in a way that I understood and enjoyed.

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

- The quizzes, not fully understanding, not having all the formulas memorized
- Procrastinating on webassign and cramming for exams
- The pace, it was a little too fast for me
- Not knowing pre-calc stuff
- WebAssign is a pain in the ass. Sometimes too little time was spent on more difficult subjects.

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

- Maybe for exams allow a note card or small note sheet for the formulas
- Have some paper homework that is due at times throughout the semester.

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

- Do the PSP's & study for the exams & quizzes. Also ask any questions may have. Do it before the night before
- Study series, understand series
- Study for the final continuously throughout the course
- Attend <u>every</u> lecture, do webassign on time, pace yourself, don't cram
- Don't skip class, <u>study!</u>

31: Any additional comments?

- Good, challenging course. Frustrating at times but a great intellectual challenge.
- Professor is a great teacher just an extremely hard course

Math462, Introduction to Topology (n=7)

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.	2.29	1.11
2: I found the lectures to be mostly understandable.	2.43	0.53
3: I found most of the lectures to be enjoyable.	2.43	0.53
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: 28.6% about right: 71.4% too slow: 0%	
6: I thought this course has been organized well.	2.57	0.53
7: I thought a reasonable amount of homework is being assigned.	1.86	0.38
8: I thought the individual homework problems assigned are at a reasonable level of difficulty.	2.00	0.00
9: I thought the Activity days beneficial to my learning.	2.71	0.49
10: I thought the quizzes were at a reasonable level of difficulty.	2.14	0.69
11: I found the exam review sessions to be beneficial to my learning.	1.86	0.38
12: I thought the exams were at a reasonable level of difficulty.	2.43	0.53
13: I thought the instructor has the appropriate level of enthusiasm and energy.	2.57	0.53
14: I found the instructor's responses to my questions to be helpful.	2.57	0.53
15: I found the instructor to be effective in teaching the subject matter.	2.71	0.76
16: I thought the instructor cared about my progress in the course.	2.29	0.49
17: The instructor clearly explained the concepts of the class.	2.43	0.53
18: The instructor was available outside the class to help me.	2.57	0.53
19: This course is what I expected it to be.	1.57	0.53
20: This course increase my appreciation of mathematics	2.14	0.69
21: What percentage of your studying (homework or otherwise) is done in a group?	0%: 57.1% 5-20%: 28.6% 25 - 50%: 14.3% 55 - 75%: 0% 80 – 100%: 0%	
22: In comparison to other MATH courses I have taken, I found this course to be	a higher level of intellectual challenge: 100% a similar level of intellectual challenge: 0% 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.	2.71	0.76
24: Overall, I thought this was a good course.	2.29	0.49

Representative Comments

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

- Asking questions during office hours
- The quizzes helped a lot and also the activities. Both showed me what I know and don't know.
- Overall your enthusiasm and energy with the topic.
- Attending most of the lectures

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

- Me not showing up to class
- The book was difficult to understand at times.
- Mornings.
- The topic itself, not necessarily how it was present but abstracting from certain theorems, etc.
- Sleeping through a couple of lectures

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

- Not so fast pace
- The format was great.
- If anything try to incorporate more examples whether from the homework or questions from the book, but that's about it.
- Finding a way to motivate class participation

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

- Study, study, study
- Keep up with the work.
- Really stay focused on the material and conceptualize it.
- Go to class

29: Any additional comments?

- I liked how Chapter 7 was interspersed.