Course Evaluation Instructor Detail Report for term 1211, MATH 20A-2 MULTI-VARIABLE CALCULUS (Youngmin Park)

Instructor: Youngmin Park
Course: MATH 20A-2 MULTI-VARIABLE CALCULUS
Term: 1211
Home Department: Mathematics

Raters	Students
Responded	40
Invited	48
Response Ratio	83.3%

Key: # = Total Responses; 1 = Strongly Disagree; 2 = Disagree; 3 = Neutral; 4 = Agree; 5 = Strongly Agree; N/A = Not Applicable

Course Structure and Grading

General Structure

	#	1	2	3	4	5	N/A	Median	Mean	SD
The course syllabus was comprehensive, clear, and accurate.	40	0	0	1	11	28	0	5.00	4.68	0.53
The learning goals were clearly stated in the syllabus.	40	0	0	1	9	30	0	5.00	4.73	0.51
Classes started and ended on time.	40	0	0	1	9	30	0	5.00	4.73	0.51

Grading

	#	1	2	3	4	5	N/A	Median	Mean	SD
Content of tests and assignments was consistent with content of lectures and/or reading.	40	0	2	0	15	23	0	5.00	4.48	0.75
Assignments and/or exams were returned promptly.	40	0	0	0	10	30	0	5.00	4.75	0.44
The grading policies were clear and consistently followed.	40	0	0	2	10	28	0	5.00	4.65	0.58
The graded assignments allowed me to demonstrate what I learned in the course.	40	0	1	2	9	28	0	5.00	4.60	0.71

Content and Workload

	#	1	2	3	4	5	N/A	Median	Mean	SD
The content covered in this course was challenging.	40	0	0	4	17	19	0	4.00	4.38	0.67
This course requires a lot of work.	40	0	0	4	17	19	0	4.00	4.38	0.67

Student Responsibilities

	#	1	2	3	4	5	N/A	Median	Mean	SD
I completed the course readings.	39	0	0	3	13	20	3	5.00	4.47	0.65
I kept up with work as it was assigned.	40	0	2	1	9	28	0	5.00	4.58	0.78

Instructor Responsibilities and Skills

	#	1	2	3	4	5	N/A	Median	Mean	SD
The instructor was effective as a lecturer and/or class leader.	40	0	1	2	14	23	0	5.00	4.48	0.72
The instructor's presentations were clear and organized.	38	0	2	0	13	23	0	5.00	4.50	0.76
The instructor stimulated interest in the subject.	40	0	1	4	15	20	0	4.50	4.35	0.77

Responsiveness of the Instructor

	#	1	2	3	4	5	N/A	Median	Mean	SD
The instructor was available and helpful to students outside the class.	40	0	0	0	13	25	2	5.00	4.66	0.48
The instructor respected students' ideas.	40	0	0	1	14	25	0	5.00	4.60	0.55
The instructor was concerned about student learning and development.	40	0	0	0	12	28	0	5.00	4.70	0.46
I received feedback that helped me see ways in which I could improve my learning and understanding.	40	0	1	3	13	23	0	5.00	4.45	0.75

Overall Instructor Rating

Question	Course Average		
	Response Count	Mean	Median
The instructor was effective as a lecturer and/or class leader.	40	4.48	5.00
The instructor's presentations were clear and organized.	38	4.50	5.00
The instructor stimulated interest in the subject.	40	4.35	4.50
The instructor was available and helpful to students outside the class.	38	4.66	5.00
The instructor respected students' ideas.	40	4.60	5.00
The instructor was concerned about student learning and development.	40	4.70	5.00
I received feedback that helped me see ways in which I could improve my learning and understanding.	40	4.45	5.00
Overall	-	4.53	-

Contribution to Learning

	#	1	2	3	4	5	N/A	Median	Mean	SD
The stated learning goals for the course were met.	40	0	0	4	14	22	0	5.00	4.45	0.68
This course improved my writing ability.	40	1	2	7	3	11	16	4.00	3.88	1.23
This course improved my oral communication skills.	40	1	2	5	4	12	16	4.50	4.00	1.22
This course improved my quantitative skills.	40	0	0	0	10	30	0	5.00	4.75	0.44
This course helped me develop my creative abilities.	40	0	0	5	10	13	12	4.00	4.29	0.76
This course helped me to analyze, interpret and synthesize information.	40	0	0	2	17	20	1	5.00	4.46	0.60
This course helped me to reason better and to think more critically about its subject matter.	40	0	0	2	13	22	3	5.00	4.54	0.61
This course helped me to consider alternative perspectives on complex issues.	40	0	0	0	10	21	9	5.00	4.68	0.48

Overall Quality of the Course

	#	1	2	3	4	5	N/A	Median	Mean	SD
The overall quality of this course was excellent.	40	0	2	4	11	23	0	5.00	4.38	0.87

Student Demographics

Your class standing?

#	First Year	Sophomore	Junior	Senior	Master's	Doctoral
40	20	15	3	2	0	0

What is your school of major?

#	SCI	SocSCI	HUM	ART	Undecided
40	24	4	1	1	10

Why did you choose this course?

#	University req.	Major req.	Minor req.	Interest
40	2	25	1	12

Course and Instructor Comments

Please identify those aspects of the course you found most useful or valuable for learning.

Comments
I think the lecture and practice problems are really useful for learning.
1. The use of digital notes during class. The handwritten digital notes are very clear and promotes understanding. 2. The homework problems help me gain mastery of the math content.
Analyzing examples to better illustrate the knowledge.
Quantitative skills
Muti–variable calculus is worth to learn.
I found most useful the fact that lectures were uploaded almost immediately and the long breaks and how the professor provided an unjudgemental space to ask questions. Such a space, and the availability to make office hour appointments to ask questions for confusion made it easy to and the previous factors I believe were what I believe is what allowed for a very fun class.
The recorded lectures and notes that were posted after each class session were helpful in reviewing. I didnt use them much at all but certainly see the usefulness.
You were a fantastic teacher. Not only were you extremely fair and understanding with all of your grading policies (which helped remove some level of grade–related stress from our plates), but your lectures were all extremely well planned out. As you went through the curriculum, you were extremely available for any questions, even encouraging interruptions.
He is available to students for any questions and very considerable. It was so nice that he doesn't count grades against students but rather excuses some of them to help us do better overall.
This course able to provide me the skill of multi variable calculus, and these material is going to be used in many of my class I am currently enrolled in.
– Analysis of line integrals for a path through a vector field – integration in multiple coordinate systems
The copious examples in class along with extremely relevant homework. All the work I did for this class had a purpose.
Questions to focus on before an exam.
the lecture was zoom recorded
Using the professor's office hours to help with the most difficult parts of the homework problems was very useful for learning
I think that this course challenged me because it helped me get used to the rigor of college math.
The notes of Professor Park are very clear and useful for the review.
Practice problems and homework. Having formula sheets and practice problems for exams. Going over examples in class. The way he re–evaluated the way the course works after the first course was admirable and I felt a lot better about how it was going after.
I think the instructor did a good job at explaining the course material and significance behind it. I found going through the examples in–class from the book helped a lot with the homework and the exams.
NA
all the info learned in class was very informative and I can now see their applications into the real world
The practice problems are very helpful.
the math concepts and tools
Learning these topics will be crucial for my future courses/career in physics
Having full disclosure of curves and grading was helpful for gauging the effectiveness of studying. Flexibility in assignment due dates and removing bad grades were also helpful for mitigating singular bad scores.

What suggestions would you make to the instructor Youngmin Park for improving the course?

Comments
I hope the difficulty of exams can be consistent with the midterm one because I think the questions in midterm one is more interesting. Maybe the difficulty of homework can be improved a little so the difficulty of the exam will not be surprising.
I hope that course pace can be a little quicker so that we can fully cover the multi–variable calculus content.
Lowereing the difficulty of the exams since average is very low.
The assignments are way harder than the examples went over in class and some topics are not explained clearly. The lectures go over one topic only once without reviewing old ones.
I select disagree for the quality of the course because Park mistakenly designed our first midterm be too hard. And that impact negatively on my faith in learning math.
No suggestions :)
Give some feedback on the exams and homeworks on what you did wrong so the student can improve. Perhaps he did somewhere and I did not see it, in that case nevermind.
I honestly can't think of anything.
Overall is really good, I really like the teaching style professor provides. One suggestion for improvement is sort of providing a bit more opportunity for office hour(more office hours) because some of the materials is really hard and it really need explanation from professor.
– Please take the time to prepare a lesson plan that is different than what the textbook says! – Do a weekly review session outside of class; or a recitation session for the class. – Cover less material that was relevant to the first trimester of the class. Most students need this class to learn about Greene and Stokes theorem and solve partial differential equations. The timing for this semester did not permit that and I don't feel I got as much out of multi as I expected. – try changing the class structure to encourage student participation in solving problems. This will be crucial because you can directly work with students and see how they interpret the problem and work through a mistake that might be common to the material. – assign more physics/engineering themed problems – please make TA's have a similar role to TAs in physics and other science classes where they are more available to students and involved in the classroom.
Allow students to think of the problem before writing the solution.
if we could please have TAs, and go ov4r problems more relevant ti the tests
Teaching directly from the textbook is dull and decreasing your reliance on it will improve student receptiveness to your teaching. Additionally, as you have already acknowledged, the first midterm was excessively hard, so watching out for that in order to prevent it from happening in the future would be a good idea.
TAs would have helped give more support to students and different strategies for solving and thinking about problems.
The homework pictures Professor Park took were a little bit dark and not easy to recognize the texts. I hope in the future he can post the scans of homework on Latte.
Doing what you did after the first exam for the whole course. After the changes the course was almost perfect. Still lots of practice problems for the exams, especially for the non–cumulative final.
I think the structure of the course was overall very good, especially after the first midterm, and does not need significant improvement.
NA
add more activities to spark interest of students
well done already.
maybe you can add some problems that are not from textbooks in class
I always love the format of your notes (concept and then an example).
Sometimes, topics were introduced with minimal background, so we understood how to do the problems but not exactly why they are important.

If you feel that the instructor Youngmin Park should be considered for a teaching award, please explain why.

Comments
The instructor is very dedicated in his teaching. He explained the math contents concisely and clearly. He offered a lot help after class.
no
Youngmin Park definitely deserves a teaching award. From his syllabus, to his lectures, and his overall positive attitude towards learning, he creates a challenging and engaging mathematic environment.
Professor Park is good at drawing pictures to help us visualize the problem, and his lesson is quite clear and easy to follow.
The way that he took responsibility for our poor performance the first exam and made improvements showed that he really cared about our learning and I never had that experience before. The improvements worked and I was able to enjoy the course and learn a lot more after the changes.
NA
He is patient and experienced