

Course: MATH 317 101 - Calculus IV

Department: MATH

Responsible Faculty: Katherine Stange

Resp. Rec'vd / Expected: 55 / 88

Category Instructions: Based on a 5-point scale, where 1 = Strongly Disagree, 2 = Disagree, 3 = Neutral, 4 = Agree and 5 = Strongly Agree, please rate your instructor on the following:

University Module	Stange, Katherine										
	Responses					Individual					
	[SD]	[D]	[N]	[A]	[SA]	N/A	Med.	Mode	S.D.	N	Mean
Q1 The instructor made it clear what students were expected to learn.	0	1	5	24	25	0	4	5	.71	55	4.3
Q2 The instructor communicated the subject matter effectively.	0	0	4	22	29	0	5	5	.63	55	4.5
Q3 The instructor helped inspire interest in learning the subject matter.	0	3	3	15	32	0	5	5	.84	53	4.4
Q4 Overall, evaluation of student learning (through exams, essays, presentations, etc.) was fair.	1	4	7	22	20	0	4	4	.98	54	4
Q5 The instructor showed concern for student learning.	0	1	4	12	38	0	5	5	.71	55	4.6
Q6 Overall, the instructor was an effective teacher.	1	2	2	23	27	0	4	5	.85	55	4.3

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [N] Neutral=3 [A] Agree=4 [SA] Strongly Agree=5

Q7 - Enter comments below

Faculty: Stange, Katherine

Response Rate: 58.18% (32 of 55)

- I can't possibly ask for a better instructor.
- Some applications (mainly physics) were difficult for students not in the science faculty. Instructor required a bit too much precision in students' answers.
Oh well this course is difficult as everyone expects. Professor Stange is the best Math professor I have ever met. She is well-prepared for every class. She promotes us to study in the most effective way. However, I think the homework assignment is a bit too long.
- Your lectures were very clear and thorough, and my understanding was solidified in doing the homework each week. The office hours were great, though I could only attend 1 session each week, but I especially liked the night-time sessions before the midterms.
- She was really good
- please dont do the quiz die anymore, it really stresses us out
- Great professor, one of the best that I have had! Shows genuine interest in the subject, enthusiasm and care for student learning.
- very good-! u r one of my faviorate prof
Made the subject material fun and exciting, with lots of computerized demos that made visualizing what we were learning a lot easier.
- Also just a really fun professor.
And had lots of office hours! And would answer questions quickly and thoroughly by email / virtual office hours (particularly liked the virtual office hours and her whole class website set up).
- Very well taught course all around.
- She is very helpful, holding quite a lot of office hours. I like her!
Kate is without a doubt the best instructor I have ever had. She is thorough, fair, effective and most importantly, she loves what

- she does, and her enthusiasm is contagious. She gives great examples, is very detailed in how to solve them, and instead of just pushing through the required material like many other instructors, she takes care in making sure we really understand all the concepts. She even brings props to class!
- She did a really awesome job of making the course real through specific applications of the concepts covered in lectures.
- She made the course a lot of fun and really encouraged me to engage in class. She did very well in ensuring we knew what we needed to learn and that we actually learned it.

might be better if the amount of assignments is more balanced over-time. I remember that there was one week when there was a monstrous amount of assignments... it made it very difficult for me to finish my assignments in other course that week, especially when i had other midterms at the same time.

- Very effective teaching.
- This class has been excellent. Well explained, interesting, and at the right level of difficulty where it was possible to excel with the right level of work put in.
- The textbook made the topics feel a little disconnected, but the explanations in lecture helped to clear it up. Also, the dice system for homework/quizzes was very effective, as it made sure we both finish our homework, as well as study it for a potential quiz.
- Kate is a very nice professor who is willing to give enough help to students, for instance, she provided extra office hours the night before midterms. Thanks for coming and helping us out.

Kate cares very much about her students. Very helpful explanations in office hours, but some of them (intuitive explanation for stokes/divergence theorem) would have been helpful to hear in class. Midterms also differed greatly from the homework, so the large assignments were largely irrelevant in terms of preparation for the midterm.

Explaining more what div and curl were when you introduced them would also have been helpful- knowing that they're derivatives makes stokes and divergence theorems much easier to understand!

I feel like there was way to much work given for this course. e.g. assignments were still expected to be handed in even though it was a midterm week. This made me dislike the course as I couldn't catch up when I fell behind. The time I wanted to use in catching up and revising for midterms had to be spent on completing my assignment due days before the mt.

Really passionate prof. Just seeing your passion in math made me want to learn more instead of just memorizing formulas. Super willing to help students who are having difficulties.

- I don't think using James Stewart is the best way to teach this course. I find the textbook completely misses the point of connections in math. There is little about how the theorems relate or why your doing them. I also really dislike many medium difficulty problems. Its elementary to mindlessly solve a bunch of problems consecutively and doesn't foster an understanding of the material. I would much prefer around 5 hard questions that test my understanding, to many (16 for HW 6, for example).

really cares for the students.

patient.

effective teacher.

tries different approaches.

very enthusiastic.

energetic.

- classes were a lot of fun (it's a math class, so that's saying something).

good be a little more sympathetic when marking midterms.

made time to answer questions.

good teacher overall.

a little too much homework.

the homework, i think, did not always prepare us for her beloved conceptual exam questions.

- In a few years, you will be department head Dr Stange. You are an amazing prof who knows what you are doing and you truly like to help us to succeed. Keep us the good work. My only concern is that sometimes you are too quick, perhaps it will be good to slow down somewhat when you are writing on the board to give us time to ponder

Professor Stange is a great professor. She shows concern for her students. She shows her humorous and friendly side very

- often. She has office hours and replies to emails promptly. Although her exams are a little lengthy and hard conceptually, she's a great professor. Also, the homework are sometimes very long and takes a lot of time to finish, so if it were shorter that would be better. Otherwise, Professor Stange is a great and effective professor.
- Definitely the best math professor I ever had in terms delivering the materials and getting students to be interested in the subject.
- Obviously dedicated to her responsibilities as an educator. Her clarity in lectures and concern for student's understanding was very appreciated.
- Very energetic and fun!

I feel like she is a very interesting prof! inspired me with open ended questions that were answerable haha. BUT she taught out of the textbook.. and that's why some students didn't show up to class. she teaches straight out of the textbook but yet still asks us questions about materials that are sometimes outside the box and hard to answer with the knowledge given. and technology as sage never worked for me nor did i know how to use it, trying to figure it out took forever and i gave up so other peers who got it working had advantage over others who didn't. VERY interesting and inspiring prof; however, i would have liked to see more examples that were not in the textbook that were doable and more related to the midterm. I feel like she could be an awesome prof for a research course in mathematics or maybe even physics! and again, I really enjoyed her as a prof, her interests were initiated other thoughts about math, and her jokes in class were funny hehe, and very enthusiastic in class. I had moments where I felt like I was finally in a lecture that was a movie scene(my life dream to feel like this in lecture <3). Later, if i do my masters in a mathematical research related subject, I wish she was my prof.

Is one of the best teachers I've ever had in post secondary education.

She obviously loves math and teaching and her enthusiasm is contagious.

- I love/hate the homework dice, I have to say I didn't study the material as well on the last homework because I knew there wasn't going to be a quiz... so I guess they are an effective teaching tool.

Maybe an overview sheet at the beginning of class the displays the big picture of what we're learning...and then letting us know where we are on the chart as we progress through the class would be beneficial.

I thoroughly enjoy this course mainly because I had an awesome teacher...Thanks!

- Very well organized professor. Cares very much about her students' learning and well-being. Homework was a bit on the "too-much" side, especially nearing the end of the course where each question requires at least half a page or more of work in order to get the solution.

Dr. Stange is an outstanding professor. I would love to have her in the future for another math course. She is very enthusiastic about teaching and genuinely cares about the progress of her students.

Dr. Stange is definitely one of the best instructors I have ever had. She made going to class a pleasure.

MATH 317 - 101

Faculty of Science Module

		Responses					Course				
		[SD]	[D]	[N]	[A]	[SA]	Med.	Mode	S.D.	N	Mean
Q8	My academic background provided sufficient preparation for this course.	0	3	9	33	10	4	4	.75	55	3.9
Q9	This course promoted conceptual understanding.	1	2	4	28	20	4	4	.85	55	4.2
Q10	The learning activities helped me to succeed in this course.	0	1	12	26	16	4	4	.76	55	4
Q11	The workload for this course was appropriate.	0	11	9	25	10	4	4	1	55	3.6
Q12	I received sufficient feedback on my progress during this course.	0	3	9	23	20	4	4	.86	55	4.1

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [N] Neutral=3 [A] Agree=4 [SA] Strongly Agree=5