

There were: 141 possible respondents.

	Question Text	N	RR	Avg	MATH Avg	MATH fl6	Div Avg	Div fl6	Sch Avg	Sch fl6						
Grp	Instructor Questions (MacArthur)			5.97	5.14	5.19	5.12	5.17	5.28	5.35						
Grp	Course Questions			5.88	5.03	5.08	4.99	5.00	5.15	5.30						
											Str Disagr	Disagr	Mild Disagr	Mild Agree	Agree	Str Agree
1	Objectives clearly stated	42	30%	5.86	5.14	5.23	5.11	5.16	5.23	5.30				2% (1)	10% (4)	88% (37)
2	Objectives met	42	30%	5.86	5.10	5.17	5.06	5.11	5.21	5.26				2% (1)	10% (4)	88% (37)
3	Content well-organized	42	30%	5.93	5.02	5.07	4.98	4.97	5.12	5.15					7% (3)	93% (39)
4	Course materials helpful	42	30%	5.86	4.94	4.96	4.92	4.92	5.11	5.15				2% (1)	10% (4)	88% (37)
5	Assignments & exams covered the course	42	30%	5.79	5.08	5.12	4.96	5.01	5.18	5.23				2% (1)	17% (7)	81% (34)
6	Learned great deal	42	30%	5.9	4.94	4.97	4.93	4.94	5.11	5.15					10% (4)	90% (38)
7	Overall effective course	42	30%	5.95	4.93	4.99	4.90	4.90	5.10	5.14					5% (2)	95% (40)
9	Instructor was organized (MacArthur)	41	29%	5.98	5.10	5.17	5.07	5.10	5.22	5.27					2% (1)	98% (40)
10	Instructor presented effectively (MacArthur)	41	29%	5.93	4.91	4.97	4.91	4.92	5.13	5.18				2% (1)	2% (1)	95% (39)
11	Instructor created respectful environment (MacArthur)	41	29%	6	5.21	5.31	5.19	5.28	5.34	5.43						100% (41)
12	Demonstrated thorough knowledge (MacArthur)	41	29%	6	5.32	5.38	5.30	5.39	5.43	5.49						100% (41)
13	Instructor encouraged questions/ opinions (MacArthur)	41	29%	6	5.17	5.16	5.15	5.17	5.34	5.40						100% (41)
14	Instructor available for student consultation (MacArthur)	41	29%	5.85	5.22	5.32	5.15	5.23	5.30	5.37				2% (1)	10% (4)	88% (36)
15	Overall effective instructor (MacArthur)	40	28%	6	5.03	5.09	5.02	5.05	5.23	5.29						100% (40)

Instructor	Text Responses
	Question: Comments on course effectiveness
	The progression of this class was perfect. I felt like every section was covered for the perfect amount of time. I always felt ready to move on to the next section and had a secure understanding of the concepts.
	Kelly gave every resource to do well in this course
	I like the switched class room and TA's and Kelly during class helping us to figure things out and answer questions.
	The only improvement I can think of would be the addition of more TA's during lectures. It felt like there just wasn't enough help around the room. That's no fault to Kelly, it's just a massive class for only one instructor and 1 TA.
	I liked the reverse classroom. Even though I wasn't always able to watch the videos before class, it was nice to have access to them in case I still didn't understand the examples being done in class, or if I needed a refresher.
	Great method of teaching the material doing problems in class. The lecture videos were very important to help learn the material and I would often watch them numerous times.
	Very challenging, yet rewarding. I reached out to classmates for help and it proved to be a great move.
	I really liked the flipped classroom structure as I had a rudimentary understanding before class which was solidified during lecture. I also liked having to be self-motivated to complete enough homework to understand concepts. This class was extremely fair.
	Kelly is the World's Reigning Champion when it comes to organizing course materials and making sure everything is where you need it, when you need it. Everything is incredibly well-organized, clearly-stated, and it all makes sense. I love the videos for this flip-it class, and even though I'm not able to take Calc 3 from her next semester, I'm planning on still utilizing her Calc 3 videos as part of my studies with the new teacher.
	This class was very well organized, thanks to professor MacArthur. The content was taught in a way that was effective and exciting for students.
	I really like the reverse class room setup of watching videos at home and practicing in class. The TA was super helpful and I would take a class from him.
	Loved the flipped structure and insightful lectures! The combination of daily quizzes and weekly assignments were very helpful in understand the content I needed to learn.
	Daily quizzes are super helpful to ensure you stay on top of the material. Friday's practice assignments were also extremely helpful.
	The class was very organized and the tests were very fair throughout the semester. Each assignment was meaningful and actually helpful for the student, didn't seem tedious. The lectures were very organized and stayed on topic and were easy to follow. The daily quizzes and weekly assignments helped you not fall behind on the material.

	I really liked the calculus videos, I only wish we could also learn the concepts in class rather than just going over problems because sometimes the videos aren't enough
	-Flipped classroom is very effective. -The class made one THINK!
	I have a really busy schedule and having to do daily busy work instead of being able to fit it in when I actually have time led to me missing a large portion of the homework and dropped me an entire letter grade. I think a little more freedom on due dates (letting people like me take quizzes on the weekend for example) would have helped immensely.
	the video is super effective!!
	1) the reverse class room at first seemed odd, but it turned out to provide a lot of valuable time going over problems and answering questions/misconceptions 2) daily quizzes required you to keep up on the information as you were learning it (less procrastination) 3) weekly assignments allowed us to study for the midterms along the way and were a great tool to ensure that we were understanding the material being presented. 4) exit tickets were nice since they were not graded, yet they would challenge our knowledge and learning to see if we truly understood the material being presented. It helped to gauge what was easily understood and what needed more focus during our studying.
	The videos for lectures were good. A good amount of time was spent on each subject
	I found the flipped classroom approach effective for the way I work The exams and grading in general seemed very fair
	The way the course was set up was very helpful (online lectures, weekly assignments, daily quizzes, etc) I don't know about the exit tickets.. while it was helpful to see people's most common mistakes, the class is already so short, I think it would have sometimes been more helpful to continue doing examples as a class.
	I really liked the class. The teacher was kind and helpful and was open to talk to you. She remembered everyone's name who goes a lot and would sit down and help you.
	The lectures could use a few more examples. The problems in the lectures tend to be easier (which is good at the start) and sometimes leave exceptions or modifications unmentioned.
	The online videos on Kelly MacArthur's website were great. I've even used them in previous calculus classes where she wasn't even my instructor. The daily quizzes were nice also, because they gave us an idea of what we should have learned in Calculus 2 by the end of the day.
	I liked that we watched videos for the lecture and used class time to practice problems. I also liked the daily quizzes and weekly assignments so that the whole grade wasn't about how well we do on the exams.
	The daily quizzes were a must for me. They solidified my understanding of the material and were easy to refer to for review as I would find the quizzes that I received low scores on. With the ability to redo questions within an hour, we were encouraged to improve and correct our mistakes, and the instructor would leave comments about what we were doing wrong which I really liked.
	Materials were awesome! I loved how challenging the weekly assignments were. I also loved that we had 4 days to complete it. I did most of my learning through the weekly assignments, but the exit tickets and daily quizzes made learning much easier as well.
	Professor MacArthur provided a recorded series of lectures on every topic in the course, presented in a well-organized fashion on her class website and matched to the course schedule, which was extremely helpful. The daily quizzes she assigned, just difficult enough to require thought but not difficult enough to be a source of stress, were a very good way to keep students engaging with the material a little bit every day.
	Organized online videos and pre-written notes; note taking was an ease, as we weren't frantically copying down problems, and the videos allowed us to pause and try things ourselves.
	Question: Instructor Comments
MacArthur	Kelly is the most amazing professor I have ever had in my life. She was so organized - you watch the videos before class, come to class and go over problems, then take a quiz after class. I always knew what to expect, and I really liked that. Also, Kelly is very good at communicating. She sends out weekly emails with all the information we need for the next week and gives us a little inspirational quote (which I really enjoyed reading each week) and was very quick at responding to emails. Kelly - you are truly an incredible professor and person and I feel lucky to have learned from you. Thank you for being such an inspiration to women in mathematics and for creating such a community within our classroom. It meant the world to me that you tried to learn everyone's name. I could tell you cared for your students and that is very, very rare at such a large university. Thank you for everything. You're amazing.
MacArthur	Hands down the best math teacher I've ever had and probably the best teacher I have had in any subject, I will now compare all other teachers to her.
MacArthur	Kelly encourages students by building a strong student-professor bond. She loves what she does.
MacArthur	The weekly assignments bullied me sometimes, but I powered through them. This course was challenging because I had to watch every lecture video and take careful notes, which made each video take about 2 hours.
MacArthur	Kelly was experimenting with a new Friday format, which started out as group assignments? That didn't seem as useful to me as if we'd spent that time reviewing what we'd gone over Mon-Wed so that it would solidify the lessons, and people could ask questions about anything they were confused on. Other than that (and that's probably being nitpicky), everything was amazing. Kelly's tests are very fair. Honestly my only regret with Kelly is that she can't time travel back and teach me Math every year from Kindergarten on. I would probably be a lot better at fractions and long division right now, haha. Kelly is one of the best teachers I've ever had in my whole life. I find her love of math and big abstract concepts contagious, her emails of life lessons and encouragements to the class (the kind of thing which usually would make me cringe if someone was doing that) in this case felt entirely sincere and kind, and on many occasions when I was feeling really stressed out about grades/tests were very touching and helpful. She's not only a great teacher, but seems like a truly good person, and I feel lucky to have gotten to take two classes with her.
MacArthur	I benefited from Kelly having two times for office hours a week, but never utilized Franco as he was not familiar with calculus II material. I wish the Math Department did not utilize PhD. students as TAs as they are far removed from the course material.
MacArthur	Can't sing enough praises about Kelly. Won't take calc III until a semester that she's teaching it. She is a great teacher and really cares about the student's success.
MacArthur	I loved how Kelly was able to go around the class room and help small pockets of people. I was also very impressed that she knew everyone's name despite it being a huge class. I felt that she really cared about the students and wanted them to understand and learn. Overall she is an amazing teacher.
MacArthur	I have now had Professor MacArthur for two semesters and she is an absolutely amazing professor. She goes out of her way to learn every student's name in a class of more than one hundred students. She gets to know every student individually and works with them to see how they learn. She is honest, fair, and puts her all into her teaching. She is able to teach in a way that is effective, yet fun!
MacArthur	Kelly made it very easy to reach outside of class and always responded so quickly. She learned each student's names and showed that she genuinely cared about each student's success. She has by far been my favorite teacher at the U. She didn't rush material that student's found hard even though she had allotted so many days for the subject. She wrote each test very carefully and tried to allot a reasonable amount of time to complete it. Kelly is an amazing teacher and truly passionate about math.
MacArthur	-I truly believe she is the best teacher on campus. She was always very helpful and clear in answering and explaining questions and concepts. - She should just keep doing what she's doing.
MacArthur	Good at asking questions, good at answering them also
MacArthur	I love her passion!! she is so inspiring! not only academic wise but also live wise!! her way of teaching is also super unique and creative and effective!!

MacArthur	She was excited and enjoyed teaching the subject material so it made it more enjoyable to learn as a student. I liked how she offered extra credit opportunities because the material isn't easy to understand.
MacArthur	The instructor's teaching method was great. She was very clear when she unfolded new subjects and did little re-caps on past topics in order to teach the new topic. At the end of each section she gave an in conclusion portion that did very well at providing key information about the section, information/principles that were invaluable to the section.
MacArthur	Maybe I'm reading in-between the lines, but it seemed like Kelly was taking advantage of the Acquiescence Effect. Repeatedly saying do you agree that... which tends to encourage agreement. I think that was probably more effective on students than telling us to just believe what she said. Math professors can often tell you something is because it is, and that you'll learn why later; and don't take care to anchor your thoughts to a reason. Memorization of facts or principles isn't very effective if there is no reason behind it. Using do you agree that.. sort of softens us up to the idea because we have the illusion of choice of whether or not the information is true, the way the question is posed tends towards agreement and since we've already been softened we accept it more readily, and it is usually followed by an answer (even a vague one) which links our minds to the material fairly concretely.
MacArthur	She was nice, willing to always help and keep in contact with the class.
MacArthur	You can tell she really knows the material, she's also aware that this is a difficult subject for a lot of people, and genuinely cares if you're struggling to grasp concepts. She's good at presenting difficult concepts in a way that's relatively easy to understand. Overall, a great teacher.
MacArthur	She took the time to interact with us through weekly emails and individually in class She encouraged participation in class
MacArthur	1) Her manner of teaching made a class of ~150 feel like a class of 20-30 2) Even though the class was large, we were encouraged to meet new people and compare ideas 3) She memorized nearly every students name (CRAZY! Yet it made such a connection with each of us). 4) Her student to teacher/helper/grader ratio is higher than some of my other classes, yet she is more effective and prompt at returning assignments and tests. 5) She works very hard to ensure that she is doing her best to help us and provide us with resources that allow us to succeed...yet she also expects a lot out of us. 6) She makes the classroom a lively yet studious environment which creates an energy and enthusiasm for learning.
MacArthur	loved coming to class, Kelly was a fantastic instructor that I would recommend to anyone taking the class.
MacArthur	She demonstrated complete knowledge of the subject, and was able to go over the problems step by step with the class, enabling us to follow along. She also took the time to walk about the class and assist personally when we were trying to solve problems ourselves.
MacArthur	Was very interested and took student feedback as a chance to improve. Was fair in every aspect, and never once did I feel like my question ever went unanswered.
MacArthur	The instructor truly cared about our success, learned every person individually and helped all of her students that learn in many different ways. I felt this was the most personal teacher I've had. My only suggestion is about the weekly assignments having too strict of a policy, I feel that partial credit and grading for late assignments encourages improvement, and it was hard to improve upon (completed) assignments that were never reviewed and graded because I was ten minutes late to class.
MacArthur	Kelly is a really good teacher with a lot of enthusiasm.
MacArthur	Great teacher. My only critique is that she tries to be so fair, that it's unfair. By this, I mean that she doesn't accept work even if it's turned in 30 seconds late. Maybe it's just me, and I never turned an assignment in late, but I just didn't appreciate that. Apart from that, one of the best professors I've had.
MacArthur	Keep on keepin on Kelly! It was an excellent class. Thank you.
MacArthur	Kelly was very enthusiastic and passionate about the subject she teaches. She made us question concepts and such, and learn from common mistakes. If someone was confused on a concept or questioned one of the answers, Kelly would patiently help that student, and make sure the rest of the class understood as well. She constantly challenged us. Kelly was a wonderful instructor and it makes it so much more exciting to learn when our professor is excited to teach. I really appreciate everything she does for her classes and her students. She made her classroom a great learning experience, and made me look forward to going to math every day.
MacArthur	No criticisms. An equally challenging, engaging, and fair course. Everytime someone asks me who to take math from there isn't even a debate. Kelly is the best.
MacArthur	Professor MacArthur is so nice and great at what she does. She makes going to class enjoyable, and really pushes students to learn the material while still caring about their success.
MacArthur	Professor MacArthur still lectured not just on formulas and calculations, but primarily on the underlying logic of mathematics as it related to the specific concepts under study, constantly encouraging students to propose arguments and talk through their thought processes -- in other words, she actually taught math, not how to pretend to be a calculator. Professor MacArthur still also went above and beyond to create a supportive and encouraging environment, setting the right tone to keep students from being discouraged by the inevitable mistakes they make when explaining their logic or presenting mathematical arguments. This section is identical to the one *directly* above it in the form, which baffles me.