## University of Utah

## Fall 2019, MATH 2270 Linear Algebra Section 5

Instructor: MacArthur, Kelly (Primary)



There were: 44 possible respondents.

	<b>Question Text</b>	N	RR	Avg	MATH Avg	MATH F19	Div Avg	Div F19	Sch Avg	Sch F19						
Grp	Course Questions			5.86	5.04	5.11	4.99	5.02	5.17	5.21						
Grp	Instructor Questions (MacArthur)			5.97	5.16	5.24	5.11	5.16	5.30	5.38						
											Str Disagree	Disagree	Mild Disagree	Mild Agree	Agree	Str Agree
1	Objectives clearly stated	16	36%	5.88	5.17	5.28	5.13	5.20	5.24	5.32	Disagree		Disagree	715100	13% (2)	88% (14)
2	Objectives met	16	36%	5.88	5.13	5.23	5.08	5.15	5.22	5.29					13% (2)	88% (14)
3	Content well-organized	16	36%	5.88	5.04	5.10	4.98	4.97	5.12	5.16					13% (2)	88% (14)
4	Course materials helpful	16	36%	5.88	4.97	5.05	4.92	4.95	5.12	5.16					13% (2)	88% (14)
5	Assignments & exams covered the course	16	36%	5.88	5.11	5.14	4.98	5.02	5.19	5.24				6% (1)		94% (15)
6	Learned great deal	16	36%	5.69	4.96	4.99	4.94	4.96	5.12	5.14			6% (1)		13% (2)	81% (13)
7	Overall effective course	16	36%	5.94	4.95	4.99	4.90	4.92	5.11	5.13					6% (1)	94% (15)
9	Instructor was organized (MacArthur)	16	36%	5.94	5.12	5.20	5.07	5.08	5.23	5.30					6% (1)	94% (15)
10	Instructor presented effectively (MacArthur)	16	36%	5.88	4.94	4.98	4.91	4.92	5.14	5.21				6% (1)		94% (15)
11	Instructor created respectful environment (MacArthur)	16	36%	6	5.25	5.34	5.21	5.31	5.37	5.46						100% (16)
12	Demonstrated thorough knowledge (MacArthur)	16	36%	6	5.35	5.43	5.31	5.42	5.44	5.53						100% (16)
13	Instructor encouraged questions/ opinions (MacArthur)	16	36%	6	5.19	5.23	5.15	5.20	5.35	5.42						100% (16)
14	Instructor available for student consultation (MacArthur)	16	36%	6	5.25	5.37	5.18	5.23	5.31	5.4						100% (16)

15	Overall effective instructor (MacArthur)	16	36%	6	5.06	5.12	5.04	5.06	5.24	5.31		100% (16)
----	--	----	-----	---	------	------	------	------	------	------	--	--------------

Instructor	Text Responses
	Question: Comments on course effectiveness
	The resources that were provided in the course were above any i'd ever seen. The instructor carved out a lot of time to make sure that the students had all the information needed to succeed.
	Kelly's notes and lectures are some of the best that I've had at the U. The interactive nature of the class makes it much more enjoyable than purely lecture based classes and helps build a strong class community.
	It sounds dumb but I didn't like having notecards for the exams. That allowed the instructor going off limits with the exams, especially on the final.
	Kelly's lecture notes are really helpful both for taking notes in class and for studying. I feel like the structure of the FFT's could be improved, perhaps by discussing them as a class or something.
	Working in groups was very effective for me. I loved being able to immediately talk about the topics in the classroom setting and get immediate feedback. I also enjoyed being able to do plenty of examples. This helped me really solidify the information throughout the course.
	The only improvement I can think of is setting more deadlines for the group projects so some people donand39.t have to rush. For example reports were due then projects had to be done in 2 days which I did not feel was enough.
	Organization of materials and the amount of material we were expected to learn was outstanding. Assignments and exams were fair and did not feel like busy work. They all covered material from the course in a reasonable manner.
	Great class, wish it was two levels though.
	Lectures were very helpful, low stress environment helped me learn
	Notes made concepts very easy to understand The way the class was set up with projects and midterms helped me understand the applications of linear algebra and how it worked with what we were currently learning, and the group/solo midterms eased a lot of stress knowing I had more time to show what I had learned in the class and work with other students.
	enjoyed the great group portions and the examples on FFT's
	Question: Instructor Comments
	Nothing bad to say here. Kelly is an amazing professor that really cares about the success of her students. She makes time to post the notes of the book and gives out extra assignments that heavily aid in the understanding of a particular section of the material. She posts in-depth reviews to the exams and finals so that students can easily prepare for a test. I will miss her.
MacArthur	I wish that Kelly taught every math class at the U. Her lectures are perfectly paced and she is thoughtful, kind, and an amazing female role model for all.
MacArthur	I'm just going to say that UofU is stupid for letting her go.
MacArthur	Kelly was extremely organized with all her material. She also knew the material extremely well was always well equipped to answer student questions with detail—if she did not know the answer she lets the students know and proceeds to research it.
MacArthur	I really love Kelly's teaching style she is excellent at explaining sometimes difficult concepts. I felt like the organization for this course was just a bit less 'thorough' as for Calc II and III, which makes sense given that Kelly hasn't taught this subject for many years. Nevertheless, Kelly was really effective at teaching Linear Algebra.

MacArthur	Very clear. You actually taught rather than writing examples and calling it good.
MacArthur	I really liked how the professor was open and made everyone feel included. The professor was also able to connect our concepts to the real world through projects.
MacArthur	Kelly is a really great instructor. I will be very sad not to take a class from her next term! Her office hours were especially helpful to me.
MacArthur	She was very inclusive and respectful of all students. Kelly brings out the best in everyone an helps them to love math even more than they did. Her excitement for the subject excites her students, but it doesn't carry her too far to where the students don't understand the subject anymore.
MacArthur	Portions of tests where group. This was great to help solidify theory before going into solo work. Many small misunderstandings can propagate through the year and lead to failure. Second, Food For Thought Fridayand39.s helped me immensely. Helped solidify what we learned that week and kept me engaged.
MacArthur	Kelly is great at explaining the material and is really in tune with her students. If the students don't understand the material well enough she will slow down and make sure we all understand it. I loved how fast the material was graded and returned, that was really helpful for understanding what I do and don't know.
MacArthur	Very respectful and helpful, which was very influential to my positive experience in the class. Very good at explaining difficult topics and helping students during and after class.
MacArthur	Having the slides mostly filled out in advance was detrimental to my learning, personally. It was hard to learn when a lot of the steps were skipped often.
MacArthur	Very nice professor, great classroom environment
MacArthur	Kelly's teaching style is very well informed and helpful
	Question: Feelings about math
MacArthur	This experience was very beneficial to my learning, however it did not change my views on math. Math is used everywhere. Anyone who says other wise or says when will i ever use this? is cheating themselves out of a successful career in any mathematical field.
MacArthur	It makes me wish I was majoring in math
MacArthur	I think after taking this class, I can more clearly see a future for myself in math, or in a STEM field. Kelly showed me that mathematics is a collaborative, communicative endeavor.
MacArthur	My attitude has become even more positive towards mathematics.
MacArthur	My attitude towards mathematics has changed because of the professor. I decided to pursue a mathematics major after this semester and the professor let me know of all the opportunities in math.
MacArthur	Greatly improved. If you were my professor for all my math classes I would at the very least double major in math and CS.
MacArthur	Kelly has only affirmed my love for math, and strengthen it.
MacArthur	I'm a lot more ready and willing to solve linear systems of equations now that I can do it with matrices! And I'm fascinated by the many intriguing applications of Linear Algebra, in areas such as Cryptography and Search Engine Rankings.
MacArthur	If Kelly taught me math I would go for a PhD
MacArthur	Still love it.
MacArthur	I still enjoy math, but I had a hard time keeping up with the teaching style compared to other styles.
MacArthur	Makes me believe I can do more in math than I previously thought
MacArthur	My attitude toward mathematics has become more positive after taking this class, and it contributed to me changing my major from QAMO to Applied Math

MacArthur	I think that I was able to get more out of the class
	Question: Included/valued
MacArthur	The instructor made it very easy to ask questions about any particular topic. She also listened and responded accordingly. I felt very valued as she took the time to learn every single persons name.
MacArthur	Very
MacArthur	I felt very included and valued by students and professor alike.
MacArthur	Very! Kelly is The Best about inclusion.
MacArthur	The professor made the classroom environment failure tolerant and I really liked how we were able to be open about answers and not be afraid to be wrong. Overall, I felt very included and valued in this course.
MacArthur	Very, the group work and FFTs were very helpful.
MacArthur	Kelly has a singular ability to make all of her students feel included and welcomed. Though I'm quite a solitary person, I did feel welcome in each one of her lectures, which I appreciated.
MacArthur	I felt extremely valued and included at all times in this course.
MacArthur	Totally.
MacArthur	Very included and valued
MacArthur	Very
MacArthur	I felt very valued and included because participation was encouraged and the instructor reached out to me personally occasionally
MacArthur	The FFT groups helped me to meet lots of students in the class, and the culture of working with people around me during class examples helped me to find a really good study group that has helped me tremendously. I felt that I could always ask for help if I needed it and very supported throughout the class.
MacArthur	I feel as though I was able to get a lot out of the class and group work