

	Question Text	N	RR	Avg	MATH Avg	MATH SP13	Div Avg	Div SP13	Sch Avg						
Grp	Instructor Questions (MacArthur)			5.18	5.13				5.41						
Grp	Course Questions			5.1	5.01				5.29						
										Str Disagr	Disagr	Mild Disagr	Mild Agree	Agree	Str Agree
1	Objectives clearly stated	21	91%	4.95					5.23	5% (1)		5% (1)	14% (3)	38% (8)	38% (8)
2	Objectives met	21	91%	4.95					5.20	5% (1)		5% (1)	14% (3)	38% (8)	38% (8)
3	Content well-organized	21	91%	5					5.12	5% (1)		10% (2)	10% (2)	29% (6)	48% (10)
4	Course materials helpful	21	91%	5					5.10	5% (1)	5% (1)		19% (4)	19% (4)	52% (11)
5	Assignments & exams covered the course	21	91%	5.33					5.17	5% (1)			10% (2)	24% (5)	62% (13)
6	Learned great deal	21	91%	5.14					5.10	5% (1)			19% (4)	24% (5)	52% (11)
7	Overall effective course	21	91%	5.29					5.09	5% (1)			10% (2)	29% (6)	57% (12)
9	Instructor was organized (MacArthur)	20	87%	5.25					5.22	5% (1)			5% (1)	40% (8)	50% (10)
10	Instructor presented effectively (MacArthur)	21	91%	4.9					5.13	5% (1)		10% (2)	14% (3)	29% (6)	43% (9)
11	Instructor created respectful environment (MacArthur)	21	91%	5.29					5.34	5% (1)			5% (1)	38% (8)	52% (11)
12	Demonstrated thorough knowledge (MacArthur)	21	91%	5.43					5.44	5% (1)			10% (2)	14% (3)	71% (15)
13	Instructor encouraged questions/ opinions (MacArthur)	21	91%	5.29					5.34	5% (1)			10% (2)	29% (6)	57% (12)
14	Instructor available for student consultation (MacArthur)	21	91%	4.95					5.30	5% (1)		5% (1)	19% (4)	29% (6)	43% (9)
15	Overall effective instructor (MacArthur)	21	91%	5.19					5.23	5% (1)			14% (3)	29% (6)	52% (11)
										V Discrim	Discrim	Avg	N Discrim	Careless	
	Discriminate by semester	52	87%							37% (19)	4% (2)	8% (4)	19% (10)	33% (17)	
										Very Easy	Easy	Avg	Hard	Very Hard	
	Rating tendency	52	87%							44% (23)	17% (9)	12% (6)	21% (11)	6% (3)	
										V Discrim	Discrim	Avg	N Discrim	Careless	
	Discriminate by semester	24	n/a							29% (7)	13% (3)	8% (2)	21% (5)	29% (7)	
										Very Easy	Easy	Avg	Hard	Very Hard	
	Rating tendency	24	n/a							42% (10)	29% (7)	8% (2)	8% (2)	13% (3)	
										V Discrim	Discrim	Avg	N Discrim	Careless	
	Discriminate by semester	49	58%							22% (11)	12% (6)	2% (1)	35% (17)	29% (14)	
										Very Easy	Easy	Avg	Hard	Very Hard	

Rating tendency	49	58%							39% (19)	27% (13)	10% (5)	10% (5)	14% (7)	
									V Discrim	Discrim	Avg	N Discrim	Careless	
Discriminate by semester	21	91%										24% (5)	76% (16)	
									Very Easy	Easy	Avg	Hard	Very Hard	
Rating tendency	21	91%							38% (8)	14% (3)	10% (2)	19% (4)	19% (4)	
									V Discrim	Discrim	Avg	Slight Discrim	N Discrim	Careless
Discriminate overall	21	91%							14% (3)	5% (1)	5% (1)	24% (5)		52% (11)
									Very Easy	Easy	Avg	Hard	Very Hard	
Rating tendency	21	91%							29% (6)	14% (3)	14% (3)	29% (6)	14% (3)	

Instructor	Text Responses
	Question: Comments on course effectiveness
	In depth exploration of math concepts I have dealt with casually was great for improving my understanding
	I really learned a lot in the class, more than other course that I have taken. The one thing that was difficult about this class was how much homework there was. As a full time teacher, which means grading and keeping my students grades updated, and then my project on top it. The homework became very consuming of what time I had left. If this course was taught again to full time teachers who might also be working on their project, I would say shorten the length of the homework.
	The book was very difficult to follow. There were not many examples to look at, just a whole bunch of definitions. It was very frustrating.
	Interesting class, but needed some more structure. The first few weeks seemed a bit unorganized
	I think this class should be taught toward the beginning of the program not the end.
	The quizzes were very hard to study for. I suggest you go over the homework that is being turned in that night and have a quiz on it the following night not the same night. If you did something wrong on your homework and didn't quiet understand it, this made it very difficult to get it correct on the quiz because you didn't have time to correct your mistake and fully understand what you had did wrong.
	Teaching skill and course materials are great
	I really appreciated that, in planning the material we would cover in this course, Kelly took the time to find out what topics were most relevant to us, and then taught those topics.
	She took what we were weak at and make us better at that concept.
	1) It helped learn math topics that I had forgotten and that will be needed if I teach higher math courses. 2) I would have liked to cover more topics from the textbook.
	Discussion and re-examining concepts that were not fully understood
	I like the use of weekly quizzes. I enjoyed the challenging material.
	The material we covered was just the sort of thing that I had hoped to cover at some point in this masters program. I think that it would have been better placed at the beginning of the program instead of being used as a Capstone course.
	Question: Comments, suggestions on instructor performance
MacArthur	I learned a great deal. The homework load was a bit too much in my opinion for this class.
MacArthur	Kelly was great about answering questions and ensuring that all students understood. The homework assignments were a little onerous for folks who are already working full time.
MacArthur	Willing to help and clarify if the concepts where difficult or unclear.
MacArthur	Allow more student work and explanations in class. Notes went a little fast at the board sometimes. It seemed like we are just doing homework as a class, not sure if that was the intent.

MacArthur	Very knowledgeable, but moved way too quickly for many students in the class. Often seemed frustrated or annoyed when we did not all instantly remember concepts we have not seen in 10+ years.
MacArthur	She is very aware of our needs and where we were coming from mathematically. She planned lessons that would help us become better teachers. I have learned more in this class than any other.
MacArthur	I liked the motivating thoughts in the weekly e-mails. Also, the clear structure helped me to know what was required of me. I feel like the curriculum was adapted for the needs of the class.
MacArthur	1) On a few topics the instructor would have been more effective if she didn't go so fast through teaching the concepts (it made it hard to take good notes.) 2) She took into account our busy teaching schedules when we needed it most; but still had high expectations which I liked.
MacArthur	The class course fits our needs and we loved it.
MacArthur	class structure and instructor are great.
MacArthur	Kelly often got going so fast during class notes that I got lost. I can't write, listen, and comprehend all at the same time. It would have been helpful if she would have stopped every few minutes and given us a chance to catch up with our notes and understanding. She did ask if we had questions, but I was so busy writing, I didn't even know what I had written, let alone whether I had understood it or not. Often, I just ended up writing as fast as I could and hoping my notes would make sense later. It would help if she gave some time for comprehension. Also, many of the homework assignments were quite long. We were all working teachers who were in the middle of master's projects, and my weekends were typically consumed doing homework for this class. I had to take several days off work in order to finish the homework, do my grading, and work on my master's project. I wish Kelly would have been a little more sensitive to the many pulls on our time when assigning homework.
MacArthur	The instructor wrote really really fast and this made it difficult to take notes. She was enthusiastic about the subject and very passionate about what she taught. Really liked her style just needed to slow down.
MacArthur	I learned a lot. She made sure the level of the class was appropriate to our needs.
MacArthur	Thoroughly covered all homework questions. Effectively chose topics that may have been new or slightly unfamiliar.
MacArthur	Answering homework questions. Quiz reflects homework.
MacArthur	I appreciated the topics that she chose for this course. I think that some of the assignments were a little long when taking into consideration the full workloads that many people have in their jobs. Overall though I thought she was effective and picked topics that were meaningful to us as teachers.