

Arizona State University
UC

Course:	MAT 242 80167 - Elementary Linear Algebra	Department:	CMATHSTAT
Responsible Faculty:	Brian England	Responses / Expected:	37 / 117 (31.62%)
Overall Mean:	4.0 Cum GPA (32 responses) 3.7 Grading (72 responses) 3.7 5-Point w/ Neutral H-L (477 responses) 3.6 Expected Grade (37 responses) 3.5 Excellent to Poor (185 responses) 3.4 How often access course (37 responses) 2.2 Class Standing (Fr,So,Jr,Sr,Grad) (37 responses) 1.4 Reason for course L-H (37 responses)		

CMATHSTAT Course Questions General Course Questions		MAT 242 - 80167									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q1	Assignments and/or examinations promote learning	8 21.6%	15 40.5%	5 13.5%	7 18.9%	2 5.4%	37	3.5	4	4	1.18
Q2	Class sessions are well planned	10 27%	12 32.4%	9 24.3%	3 8.1%	3 8.1%	37	3.6	4	4	1.19
Q3	The pace and level of the course are appropriate	8 21.6%	16 43.2%	6 16.2%	4 10.8%	3 8.1%	37	3.6	4	4	1.17
Q4	The course engages my interest	7 18.9%	12 32.4%	9 24.3%	4 10.8%	5 13.5%	37	3.3	4	4	1.27
Q5	I learned something that I consider valuable	8 22.2%	14 38.9%	6 16.7%	5 13.9%	3 8.3%	36	3.5	4	4	1.21

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

CMATHSTAT Course Questions General Course Questions		MAT 242 - 80167									
		Responses (%)					Course				
		A	B	C	D	E	N	Mean	Med.	Mode	Std Dev
Q6	Using A-E as grades, what is your overall rating of the course?	9 25%	10 27.8%	10 27.8%	4 11.1%	3 8.3%	36	3.5	4	3,4	1.21

Responses: [A] A=5 [B] B=4 [C] C=3 [D] D=2 [E] E=1

CMATHSTAT Online - Course Tool Questions ASU Online and iCourse		MAT 242 - 80167									
		Responses (%)					Course				
		OAW	TAW	TTA	FTA	FOM	N	Mean	Med.	Mode	Std Dev
Q7	On average, how often did you access your course?	2 5.4%	7 18.9%	13 35.1%	4 10.8%	11 29.7%	37	3.4	3	3	1.24

Responses: [OAW] Once a week=1 [TAW] Twice a week=2 [TTA] Three times a week=3 [FTA] Four times a week=4 [FOM] Five or more=5

CMATHSTAT Online - Course Tool Questions ASU Online and iCourse		MAT 242 - 80167									
		Responses (%)					Course				
		E	VG	G	F	P	N	Mean	Med.	Mode	Std Dev
Q8	How would you rate the overall quality of your experience with the technology used in this course (videos, uploading files, etc.)?	8 21.6%	12 32.4%	8 21.6%	5 13.5%	4 10.8%	37	3.4	4	4	1.26
Q9	How would you rate the ease of navigation?	7 18.9%	12 32.4%	4 10.8%	11 29.7%	3 8.1%	37	3.2	4	4	1.28
Q10	How would you rate the accessibility of the instructor?	8 21.6%	10 27%	10 27%	7 18.9%	2 5.4%	37	3.4	3	3,4	1.17
Q11	How would you rate the timeliness of the instructor's response to questions, assignments, and tests?	11 29.7%	9 24.3%	10 27%	5 13.5%	2 5.4%	37	3.6	4	5	1.20
Q12	How would you rate the degree to which communication components of the course (chat, discussion board, email, announcements, etc.) added to the interaction between students and the instructor?	10 27%	11 29.7%	11 29.7%	4 10.8%	1 2.7%	37	3.7	4	3,4	1.07

Responses: [E] Excellent=5 [VG] Very Good=4 [G] Good=3 [F] Fair=2 [P] Poor=1

CMATHSTAT Student Demographic Questions Academic General		MAT 242 - 80167									
		Responses (%)					Course				
		F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
Q13	What is your current class standing?	1 2.7%	27 73%	8 21.6%	1 2.7%	0	37	2.2	2	2	.54

Responses: [F] Freshman=1 [S] Sophomore=2 [J] Junior=3 [S] Senior=4 [G] Graduate=5

CMATHSTAT Student Demographic Questions Academic General		MAT 242 - 80167								
		Responses (%)					Course			
		MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev
Q14	What requirement does this course meet for you?	29 78.4%	5 13.5%	0	3 8.1%	37	1.4	1	1	.85

Responses: [MR] Major Requirement=1 [RFC] Related Field Course=2 [GS] General Studies=3 [EGI] Elective (General Interest)=4

CMATHSTAT Student Demographic Questions Academic General		MAT 242 - 80167									
		Responses (%)					Course				
		A	B	C	D/E	O	N	Mean	Med.	Mode	Std Dev
Q15	What grade do you expect to earn for this course?	12 32.4%	8 21.6%	8 21.6%	8 21.6%	1 2.7%	37	3.6	4	5	1.22

Responses: [A] A=5 [B] B=4 [C] C=3 [D/E] D/E=2 [O] Other=1

CMATHSTAT Student Demographic Questions Academic General		MAT 242 - 80167									
		Responses (%)					Course				
		3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q16	What is your current ASU GPA?	10 31.3%	15 46.9%	5 15.6%	1 3.1%	1 3.1%	32	4.0	4	4	.94

Responses: [3] 3.5+=5 [3] 3.0-3.49=4 [2] 2.50-2.99=3 [2] 2.0-2.49=2 [B2] Below 2.0=1




















CMATHSTAT Faculty Questions Course Related Faculty Questions		Brian England									
		Responses (%)					Individual				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q17	The instructor's presentations are clear and understandable	10 27.8%	16 44.4%	3 8.3%	7 19.4%	0	36	3.8	4	4	1.05
Q18	The Instructor makes clear what is expected of me in this course	10 27%	15 40.5%	7 18.9%	5 13.5%	0	37	3.8	4	4	.98
Q19	I have confidence in the instructor's knowledge of the subject	14 37.8%	17 45.9%	4 10.8%	2 5.4%	0	37	4.2	4	4	.82
Q20	The instructor is helpful if the class has difficulty with the material	9 25%	9 25%	12 33.3%	5 13.9%	1 2.8%	36	3.6	3.5	3	1.09
Q21	I feel welcome seeking help from the instructor	11 29.7%	5 13.5%	15 40.5%	4 10.8%	2 5.4%	37	3.5	3	3	1.18
Q22	The instructor promotes effective class discussion	11 29.7%	12 32.4%	11 29.7%	3 8.1%	0	37	3.8	4	4	.94
Q23	The instructor conveys enthusiasm about the course	8 21.6%	13 35.1%	11 29.7%	3 8.1%	2 5.4%	37	3.6	4	4	1.08
Q24	The instructor's responses to written work are helpful	7 19.4%	15 41.7%	8 22.2%	4 11.1%	2 5.6%	36	3.6	4	4	1.09





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























CMATHSTAT Faculty Questions Course Related Faculty Questions		Brian England									
		Responses (%)					Individual				
		A	B	C	D	E	N	Mean	Med.	Mode	Std Dev
Q25	Using A-E as grades, what is your overall rating of the instructor?	14 38.9%	8 22.2%	9 25%	4 11.1%	1 2.8%	36	3.8	4	5	1.14




















Responses: [A] A=5 [B] B=4 [C] C=3 [D] D=2 [E] E=1







Question:	What did you like about the course?
Response Rate:	62.16% (23 of 37)














1	the way it was set up	
2	the flow	
3	lectures are good	
4	iCourse and the use of WebWorks	
5	all	
6	The professor was very helpful and the work was reasonable.	
7	The Linear Algebra course in general seemed quite easy for me and the online math videos were extremely helpful in learning the material necessary for the homework and tests.	
8	Online	
9	Online Videos made things convenient.	
10	Nothing	
11	Not much is to likw	
12	Lecture videos easy to understand	
13	Its online.	
14	It was online	
15	It was online	
16	It was online.	
17	It is a very well structured course.	
18	I was planned well and some due dates were spaced out at a good pace.	
19	I liked piazza because even though it was an online course it allowed you to interact with other students and receive help if you were struggling with concepts.	

20	I enjoyed the lecture videos and the homework assignments. The lectures and homework flowed seamlessly and were easy to understand.	
21	I enjoyed the due date structure	
22	Even though it's is a half semester class the work load is reasonable	
23	Easy to understand, the lecture videos were very helpful	

Question:		What did you dislike about the course? Do you have any suggestions to improve the course?	
Response Rate:		59.46% (22 of 37)	
1	tests don't seem to test multiple concepts, just a few		
2	proctored exams		
3	no		
4	n/a		
5	having to get every single point offered in the class to get an A+ seems crazy		
6	The software RPNOW used for examinations was troublesome and clumsy. The set-up was difficult to understand and utilize. This software put added stress on examinations simply for trying to understand how the software functions and the fear that the software would fail. To improve upon this I would add a secondary option to test taking. For example, include the option to take the exam at an on campus test taking site for students in place of using RPNOW.		
7	The pace was extreme for someone who has no prior experience in the course, the learning material wasn't sufficient enough to complete homework with understanding, the course shouldn't be offered as an accelerated online course.		
8	The lectures never covered everything I needed to know to score well on the homework nor the tests. I would watch 20 minutes of a lecture and only be able to answer 2-4 questions on Webwork, and then leave it to the tutors in the tutoring center to try to teach me the rest. Very inconvenient, given that it's a hit or miss (mostly miss) that a tutor can answer your question about linear algebra. The lectures need to cover all of the material.		
9	The fact that I've already taken 3 semesters of calc and differential equations and still had to take this was a waste of time. It is not in the slightest bit challenging, especially when most topics were covered in my calc 3 and differential equations course. Plus some topics that were covered I went over in high school. Would like to note that I am a transfer student. Also, the book used was printed in 1988. Way outdated and the notation used is very old-school. Adds to the confusion especially when there is no explanation on notation. While tutoring this course this semester as well, most students really struggled with following the notation. I found online resources and Ron Larson's textbook to be much more beneficial. The instructions for RP now were very unclear, I don't think the TA knew what was going on either. Had no idea when I was suppose to show scratch paper or if I was suppose to show it at the end or how much of the room needed to be scanned or the prohibited items. I found out that having an additional computer in the room is a prohibited item and I do have a desktop in my room and I wish someone had mentioned that.		
10	RPNOW Proctor and the overall course outcome is based on (2) exams. I'm not a strong test taker and get test anxiety which I encountered on the first exam. That being said, the fate of my course outcome is now being decided by the last exam which may result in a return to taking this course. I'm still not sure instructing math courses online in an accelerated fashion is advisable.		
11	Proctor Test		
12	Piazza was more involved than was necessary for a discussion board in a class of this content and level.		
13	Online tests are super annoying for a lot of reasons. Work cant be graded so small errors equate to major point loss despite actually knowing the content.		
14	None.		
15	Make the due dates more clear, or have a whole chapter due at a certain time not in parts.		
16	I wish that the due date structure was concisely listed on a single page with ALL assignments (test, homework, assessments) listed in order of due date, not of importance. This is essential with online submission classes.		
17	I wish I did not take it as half semester because it is more difficult to grasp.		
18	I feel like this class does not need to be an entire class on its own as it is a simple subject be condensed with another math course.		
19	I don't enjoy the test-taking software.		
20	Having to use Web work for the examinations is something i'm not to fond of.		
21	Having a practice exam for the actual exams we take.		
22	Find a professor who actually cares about his or her students. Someone that is willing to put in a little extra effort to go beyond the minimum required of him.		

Faculty:	Brian England	
Question:	What did you like about the instructor or the method of instruction?	
Response Rate:	51.35% (19 of 37)	
1	i liked the online lecture videos	
2	good lectures, prompt response on piazza	
3	all	
4	Was punctual and proactive when engaging the students online. Allowed for plenty of directions to overall course progress.	
5	Very timely with email responses, as is crucial with online classes.	
6	Very helpful and timely in his responses to questions	
7	The videos were very clear and taught the material well.	
8	The instructor utilized the online chat forum Piazza to engage in class discussion and answer questions. Professor England was very efficient at answering questions and was helpful and polite in his answers. The lecture videos conveyed a perfect amount of detail and were not too lengthy.	
9	The Chapter videos are easy to follow	
10	Online course, lecture videos were well done	
11	N/A	
12	It was convenient.	
13	I really liked the availability of the professor to help us when we have questions through Piazza. His response time is very fast and it feels like he makes us as students his priority.	
14	His videos were very well put together. Good formatting.	
15	He was very engaged on Piazza, answered quickly to questions or his TA did.	
16	He was very enthusiastic in the videos	
17	He explains very well.	
18	Detailed steps in solution solving.	
19	Brian is very approachable and responds quickly to questions.	

Faculty:	Brian England	
Question:	What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction?	
Response Rate:	54.05% (20 of 37)	
1	to give students Handouts	
2	tests only testing on a few ideas, not all	
3	no	
4	none	
5	n/a	
6	Videos were often long and I've had to watch others to get the concept	

7	Very confusing to figure out what material went with what.	
8	There is nothing I disliked about the instructor or the method of instruction.	
9	The lectures did not enable me to complete my homework. I could only complete about 25% of homework assignments on my own.	
10	The class outcome rests on (2) exams which places a lot of emphasis on doing well. That been said, there was a lack of clarity for what the exam structure was and would cover (specific to the course material - there was a pre-test study that was related to other math requirements, which although relevant in the big picture is not so much regarding the specifics of the material specifically to the test). I spent a lot of effort studying material that later became irrelevant when taking the exam and my grades reflected that effort.	
11	Some of the video lectures are very limited in explanation or only give one simple example of a type of math problem and this can be restrictive when it comes to trying to do some of the homework problems. I feel like he should give a little bit more instruction for some of the more complex types of problems, however they are not too difficult so this is only a minor suggestion.	
12	See above for discussion board	
13	Nothing.	
14	N/A	
15	Monotonous	
16	I like flexibility and case by case analysis of a students position which was not present in this course.	
17	His videos are pointless. He reads word for word from a page of notes that is already provided on blackboard. There is no elaborating on the notes or extra examples or whatever. When watching the videos I felt like a book was talking to me. Seems to me like the material is so intuitive to him that he is unable to convey the material in simpler terms for those who may not understand.	
18	Have reviews for exam if possible.	
19	Examples during the videos were not as difficult as homework problems	
20	England seemed unenthusiastic at best about teaching this course. He was also completely unwilling to look into a grievance I had about the first exam because "if he looked into my problem, he would have to look into everyone's problems with the exam." Why is that a bad thing?! If the exam was flawed or material was not sufficiently covered in the lectures, why is it a bad thing to look into the problems?	