Course: MAT 242 14957 - Elementary Linear Algebra	**Department:** CMATHSTAT
Responsible Faculty: Brian England	**Responses / Expected:** 18 / 79 (22.78%)

Overall Mean:
4.0 Cum GPA   (13 responses)
3.8 Expected Grade   (16 responses)
3.6 Grading   (35 responses)
3.5 5-Point w/ Neutral H-L   (230 responses)
3.3 Excellent to Poor   (85 responses)
2.9 How often access course   (17 responses)
1.7 Class Standing (Fr,So,Jr,Sr,Grad)   (17 responses)
1.2 Reason for course L-H   (17 responses)

CMATHSTAT Course Questions
General Course Questions

		MAT 242 - 14957									
		Responses (%)					**Course**				
		SA	**A**	**N**	**D**	**SD**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q1	Assignments and/or examinations promote learning	5 27.8%	7 38.9%	5 27.8%	0	1 5.6%	18	3.8	4	4	1.01
Q2	Class sessions are well planned	4 22.2%	4 22.2%	7 38.9%	2 11.1%	1 5.6%	18	3.4	3	3	1.12
Q3	The pace and level of the course are appropriate	5 29.4%	8 47.1%	2 11.8%	1 5.9%	1 5.9%	17	3.9	4	4	1.08
Q4	The course engages my interest	3 16.7%	4 22.2%	6 33.3%	3 16.7%	2 11.1%	18	3.2	3	3	1.21
Q5	I learned something that I consider valuable	5 27.8%	5 27.8%	4 22.2%	1 5.6%	3 16.7%	18	3.4	4	4,5	1.38

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 - 14957									
		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?	2 11.1%	9 50%	4 22.2%	2 11.1%	1 5.6%	18	3.5	4	4	1.01

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 - 14957									
		Responses (%)					**Course**				
		OAW	**TAW**	**TTA**	**FTA**	**FOM**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q7	On average, how often did you access your course?	2 11.8%	3 17.6%	8 47.1%	3 17.6%	1 5.9%	17	2.9	3	3	1.02

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 - 14957									
		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.)?	5 29.4%	6 35.3%	3 17.6%	3 17.6%	0	17	3.8	4	4	1.06
Q9	How would you rate the ease of navigation?	4 23.5%	6 35.3%	4 23.5%	3 17.6%	0	17	3.6	4	4	1.03
Q10	How would you rate the accessibility of the instructor?	3 17.6%	4 23.5%	5 29.4%	2 11.8%	3 17.6%	17	3.1	3	3	1.32
Q11	How would you rate the timeliness of the instructor's response to questions, assignments, and tests?	4 23.5%	2 11.8%	7 41.2%	1 5.9%	3 17.6%	17	3.2	3	3	1.34
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?	2 11.8%	4 23.5%	4 23.5%	3 17.6%	4 23.5%	17	2.8	3	1,3,4	1.34

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 - 14957									
	Responses (%)					Course				
	F	**S**	**J**	**S**	**G**	**N**	**Mean**	Med.	Mode	Std Dev
Q13 What is your current class standing?	7 41.2%	9 52.9%	0	1 5.9%	0	**17**	**1.7**	2	2	.75

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

CMATHSTAT Student Demographic Questions Academic General	MAT 242 - 14957								
	Responses (%)				Course				
	MR	**RFC**	**GS**	**EGI**	**N**	**Mean**	Med.	Mode	Std Dev
Q14 What requirement does this course meet for you?	13 76.5%	4 23.5%	0	0	**17**	**1.2**	1	1	.42

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

CMATHSTAT Student Demographic Questions Academic General	MAT 242 - 14957									
	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?	5 31.3%	6 37.5%	1 6.3%	4 25%	0	**16**	**3.8**	4	4	1.15

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 - 14957									
	Responses (%)					Course				
	3	**3**	**2**	**2**	**B2**	**N**	**Mean**	Med.	Mode	Std Dev
Q16 What is your current ASU GPA?	4 30.8%	6 46.2%	2 15.4%	1 7.7%	0	**13**	**4.0**	4	4	.88

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	4 23.5%	6 35.3%	4 23.5%	2 11.8%	1 5.9%	**17**	**3.6**	4	4	1.14
Q18 The Instructor makes clear what is expected of me in this course	9 50%	5 27.8%	1 5.6%	2 11.1%	1 5.6%	**18**	**4.1**	4.5	5	1.22
Q19 I have confidence in the instructor's knowledge of the subject	8 44.4%	5 27.8%	2 11.1%	2 11.1%	1 5.6%	**18**	**3.9**	4	5	1.22
Q20 The instructor is helpful if the class has difficulty with the material	3 16.7%	7 38.9%	4 22.2%	2 11.1%	2 11.1%	**18**	**3.4**	4	4	1.21
Q21 I feel welcome seeking help from the instructor	4 22.2%	7 38.9%	2 11.1%	3 16.7%	2 11.1%	**18**	**3.4**	4	4	1.30
Q22 The instructor promotes effective class discussion	3 16.7%	7 38.9%	4 22.2%	2 11.1%	2 11.1%	**18**	**3.4**	4	4	1.21
Q23 The instructor conveys enthusiasm about the course	4 22.2%	4 22.2%	5 27.8%	2 11.1%	3 16.7%	**18**	**3.2**	3	3	1.36
Q24 The instructor's responses to written work are helpful	3 18.8%	4 25%	4 25%	3 18.8%	2 12.5%	**16**	**3.2**	3	3,4	1.29

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?	5 29.4%	7 41.2%	2 11.8%	1 5.9%	2 11.8%	17	3.7	4	4	1.27

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:	55.56% **(10** of **18)**	
1	the videos were applicable to what we needed to know	🔍
2	Offered online	🔍
3	Lecture videos were clear, concise, and covered everything I needed to know for the homework.	🔍
4	It was easily accessible and could see what needed to be done fairly easily	🔍
5	I liked the pace of the class overall.	🔍
6	I liked that it gives me a new, huge concept of mathematics that I had not heard of beforehand. I am sure that I will be using this for my future endeavors.	🔍
7	I liked how the professor made his exams based on material that was explained during the videos. I also liked how he would extend deadlines for students who had issues with their schedules.	🔍
8	I learned the basis of linear algebra which at its core is simply matrix manipulation and vector definitions.	🔍
9	Fast paced, relaxed professor.	🔍
10	-Organized -Weekly Reminders -Responds Quickly	🔍

Question:	**What did you dislike about the course? Do you have any suggestions to improve the course?**	
Response Rate:	50.00% **(9** of **18)**	
1	the webwork was misaligned and due to my poor planning i couldnt complete all of it at times	🔍
2	There was no real-world applications explained. I don't know what a lot of the concepts are used for, or why I was learning this at all. It seemed like the course was just playing around with numbers and nothing else.	🔍
3	The professor is rude and condescending. He also takes a while to reply to inscribe discussion boards.	🔍
4	Professor disregards students who need help and belittles those who have questions. It is clear the professor does not want to teach or help the student. There are very few assignments, so there is no room for a mistake or chance of improvement. Exams are weighted too heavily and there are only two, so if you do not do well on the first, you will fail the entire course.	🔍
5	On occasion it was difficult to stay on pace with the course and achieve the required tasks	🔍
6	Office hours really. The course was online and the basis of the course where prerecorded lectures which are nice as you can go back to them but professor just reread what was on the screen. He didn't explain the actual applications of linear algebra. We learned the how but we didn't learn the why of things.	🔍
7	N/A	🔍

8	Lecture videos were confusing at times.	🔍
9	I understand this is an online course but I believe all classes are more effective with lectures at least on zoom.	🔍

Faculty:	**Brian England**
Question:	**What did you like about the instructor or the method of instruction?**
Response Rate:	50.00% **(9** of **18)**

1	n/a	🔍
2	n/a	🔍
3	The constant emails that were sent out to ensure we had all the tools needed.	🔍
4	Self-paced learning with lecture videos.	🔍
5	I liked the materials that were provided.	🔍
6	I liked that he helps students out with homework problems or questions related to certain aspects of the course via the Inscribe tab on Canvas; it is easy to find his responses to student questions, and his responses are usually very helpful.	🔍
7	He helped when it was asked for and adjusted things when it was needed	🔍
8	Clear, concise, covered content thoroughly and at a good pace	🔍
9	As explained already, the lecture videos are very concise for the material taught. They explained the concept and have useful practice problems.	🔍

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:	44.44% **(8** of **18)**

1	n/a	🔍
2	Working through more examples in the lecture videos, breaking them up more by subtopics.	🔍
3	Was a little too hands off, not as much feedback on tests.	🔍
4	Professor is degrading towards students and offers no help in learning material. He refuses to answer questions and belittles anyone who asks.	🔍
5	N/A	🔍
6	I wish there were more verbal lectures over zoom.	🔍
7	I did not appreciate rude responses from the professor when students, including I, would ask for help. He does not care about anything his students have going on.	🔍
8	As a student we are told to never read directly off slides but to explain what they mean and or explain in further detail what the slides present. Professor England simply read off the slides. This really didn't help in understanding the why as much as the how. I don't know how we as engineers will use linear algebra in future classes but I do wish that we would had a better explanation of what polarization, spans, etc meant.	🔍