Course:	MAT 242 74877 - Elementary Linear Algebra	Department:	CMATHSTAT
Responsible Faculty:	Brian England	Responses / Expected:	12 / 29 (41.38%)

Overall Mean:
3.9 Expected Grade (12 responses)
3.9 Cum GPA (10 responses)
3.4 Grading (23 responses)
3.3 5-Point w/ Neutral H-L (156 responses)
1.5 Class Standing (Fr,So,Jr,Sr,Grad) (12 responses)
1.3 Reason for course L-H (12 responses)

CMATHSTAT Course Questions
General Course Questions

		MAT 242 - 74877								
		Responses (%)					**Course**			
		SA	**A**	**N**	**D**	**SD**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q1	Assignments and/or examinations promote learning	2 16.7%	4 33.3%	3 25%	2 16.7%	1 8.3%	12	3.3	3.5	4	1.18
Q2	Class sessions are well planned	2 16.7%	3 25%	3 25%	3 25%	1 8.3%	12	3.2	3	2,3,4	1.21
Q3	The pace and level of the course are appropriate	1 8.3%	5 41.7%	3 25%	2 16.7%	1 8.3%	12	3.3	3.5	4	1.09
Q4	The course engages my interest	1 8.3%	1 8.3%	5 41.7%	3 25%	2 16.7%	12	2.7	3	3	1.11
Q5	I learned something that I consider valuable	1 8.3%	4 33.3%	4 33.3%	2 16.7%	1 8.3%	12	3.2	3	3,4	1.07

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 - 74877								
		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?	1 9.1%	4 36.4%	5 45.5%	1 9.1%	0	11	3.5	3	3	.78

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

CMATHSTAT Student Demographic Questions
Academic General

		MAT 242 - 74877								
		Responses (%)					**Course**			
		F	**S**	**J**	**S**	**G**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q7	What is your current class standing?	8 66.7%	2 16.7%	2 16.7%	0	0	12	1.5	1	1	.76

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

CMATHSTAT Student Demographic Questions
Academic General

		MAT 242 - 74877							
		Responses (%)				**Course**			
		MR	**RFC**	**GS**	**EGI**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q8	What requirement does this course meet for you?	11 91.7%	0	0	1 8.3%	12	1.3	1	1	.83

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 - 74877								
		Responses (%)					**Course**			
		A	**B**	**C**	**D/E**	**O**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q9	What grade do you expect to earn for this course?	4 33.3%	5 41.7%	2 16.7%	0	1 8.3%	12	3.9	4	4	1.11

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 - 74877									
	Responses (%)					Course				
	3	**3**	**2**	**2**	**B2**	**N**	**Mean**	**Med.**	**Mode**	**Std Dev**
Q10 What is your current ASU GPA?	3 30%	4 40%	2 20%	1 10%	0	**10**	**3.9**	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**
Q11 The instructor's presentations are clear and understandable	1 8.3%	3 25%	3 25%	3 25%	2 16.7%	**12**	**2.8**	3	2,3,4	1.21
Q12 The Instructor makes clear what is expected of me in this course	3 25%	6 50%	3 25%	0	0	**12**	**4.0**	4	4	.71
Q13 I have confidence in the instructor's knowledge of the subject	7 58.3%	3 25%	2 16.7%	0	0	**12**	**4.4**	5	5	.76
Q14 The instructor is helpful if the class has difficulty with the material	1 8.3%	2 16.7%	5 41.7%	3 25%	1 8.3%	**12**	**2.9**	3	3	1.04
Q15 I feel welcome seeking help from the instructor	1 8.3%	1 8.3%	5 41.7%	2 16.7%	3 25%	**12**	**2.6**	3	3	1.19
Q16 The instructor promotes effective class discussion	2 16.7%	3 25%	4 33.3%	3 25%	0	**12**	**3.3**	3	3	1.03
Q17 The instructor conveys enthusiasm about the course	2 16.7%	6 50%	3 25%	1 8.3%	0	**12**	**3.8**	4	4	.83
Q18 The instructor's responses to written work are helpful	2 16.7%	2 16.7%	7 58.3%	1 8.3%	0	**12**	**3.4**	3	3	.86

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**
Q19 Using A-E as grades, what is your overall rating of the instructor?	1 8.3%	6 50%	3 25%	1 8.3%	1 8.3%	**12**	**3.4**	4	4	1.04

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:	**66.67**% (**8** of **12**)

1	Useful in engineering.	🔍
2	The webwork extra credit.	🔍
3	The material.	🔍
4	The content is easy and I could learn a week's worth of content while doing the homework. Also I appreciate the extra credit opportunities.	🔍
5	Straight Forward	🔍
6	I liked that it's so universally applicable to engineering and the instructor did a great job of making that clear.	🔍

7	I liked learning about all of the various applications of matrices and vectors that I previously didn't know about.	🔍
8	Access to many helpful resources.	🔍

Question:	What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:	66.67% (**8** of **12**)

1	There are a lot of visual intuitions and explanations of the content that the coarse really misses out on. There are a lot of operations that we learn how to do without what it means.	🔍
2	The website wasn't helpful.	🔍
3	Pacing felt rushed at some points in the course.	🔍
4	Lots of stuff that really isn't practical for an engineer.	🔍
5	Longer Class Times	🔍
6	I disliked having this class at 7:30am.	🔍
7	His way of teaching. He is not organized and comes up with material out of his head. We do not follow the book and it was very confusing because he kept coming up with his own ideas when writing on the board.	🔍
8	A lot of the class was review or example problems, so the content went by slowly. We never had enough time on the exams. I would walk in knowing the content, knowing how to do all the problems, but get a B- or C because I ran out of time or made small math errors I didn't have time to catch and correct.	🔍

Faculty:	Brian England
Question:	What did you like about the instructor or the method of instruction?
Response Rate:	66.67% (**8** of **12**)

1	The instructor is very knowledgeable about the course and materials and helps the class understand why it is important to know the material and when it is applied in real world applications. The grading of exams is also fair.	🔍
2	Made Easily available online.	🔍
3	It's very obvious that he knows the material extremely well.	🔍
4	I really loved Professor England's ability to tie the concepts to the engineering applications of the math. He has very clear and concise speech and is a native English speaker which really helps. I liked his use of MATLAB in class, but I think that instead of just showing the class the code, some additional explanation would be welcomed.	🔍
5	I liked his commitment to making sure we know why we are learning what we're learning and his availability both in person and on Piazza.	🔍
6	Honestly the best teacher I have by far this semester. He teaches practical application, grades extremely fairly, and genuinely tries to put himself in the shoes of the students.	🔍
7	His enthusiasm for the topic. He is a genius, and I don't doubt he will write a book someday (as he mentioned once) but he does not know how to teach.	🔍
8	He was well versed and always explained the applications of the concepts we learned.	🔍

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:	83.33% (**10** of **12**)

1	Was available online mostly. Not as much in person. Went off on tangents not related to the course frequently.	🔍
2	The instructor runs through lectures as if they are a showcase for his knowledge on the subject. The class is left far behind as he is not patient at all when answering questions and constantly makes remarks about how the class should already know the material. The worst instructor I have had so far in my academic experience.	🔍
3	Sometimes rushes through how to solve the problem/skips straight from question to answer. Relies on matlab a bit too much, vs showing the step-by-step process of how to solve problems. Perhaps slow down a bit, especially for the students who are learning the material for the very first time. Though the instructor is very knowledgeable of the course material, students are not; thus, it can be difficult to follow the thought process when computations are done strictly mentally/quickly.	🔍

4	Professor England has a very cut and dry traditional lecture style which I think benefit form more in class examples where the problem is written on the board, and the class has time to solve it. Or something else to that effect. My BIGGEST complaint about this class is the homework. I really appreciate that there is plenty of examples in order to practice. After all, math isn't a spectator sport. However, I take issue with the organization of the problem sets, and the support for solving them. For most classes that have WebWork, it follows a similar flow to textbook homework. Typically the first couple problems start out more simple and easy to understand and the homework ramps up to become more complicated, cover corner cases, visual conceptions, etc. The WebWork for this class did not follow any pattern. The problems were out of order and a lot of the notation conventions in the homework were different from those found in class and on "The England University." Overall, I think that Professor England should put a little more time tailoring his homework sets instead of dumping all of the available problems into the WebWork. A positive of the WebWork was the consistency of it being assigned and due on the same days of the week. "The England University" is a very helpful resource and the only problems I have with it are that it's not finished, and there are occasional mistakes/typos. I would have liked to have has the "engineering examples" sections filled out because that's the main benefit of taking a class with Professor England - he does a good job connecting the content to engineering applications.	🔍
5	Nothing, really.	🔍
6	N/A	🔍
7	I dislike how at times difficult to understand his work on the board can be, and how fast he talks an moves through new material.	🔍
8	His method of instruction in general.	🔍
9	He makes a lot of small math errors as he works, which is fine, but it's kind of strange he is then not so forgiving if you make small math errors on your exam	🔍
10	He explains things too fast and expects you to get it right away. And when you ask questions he acts baffled that you dont get it.	🔍