Course: MAT 275 12487 - Modern Differential Equations	**Department:** CMATHSTAT
Responsible Faculty: Brian England	**Responses / Expected:** 21 / 64 (32.81%)

Overall Mean:
4.3 Grading (42 responses)
4.3 5-Point w/ Neutral H-L (271 responses)
4.2 Cum GPA (19 responses)
4.2 Expected Grade (21 responses)
1.9 Class Standing (Fr,So,Jr,Sr,Grad) (21 responses)
1.0 Reason for course L-H (21 responses)

CMATHSTAT Course Questions
General Course Questions

	MAT 275 - 12487									
	Responses (%)					**Course**				
	SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q1 Assignments and/or examinations promote learning	14 66.7%	5 23.8%	1 4.8%	1 4.8%	0	21	**4.5**	5	5	.79
Q2 Class sessions are well planned	10 47.6%	6 28.6%	3 14.3%	2 9.5%	0	21	**4.1**	4	5	.99
Q3 The pace and level of the course are appropriate	10 47.6%	5 23.8%	4 19%	2 9.5%	0	21	**4.1**	4	5	1.02
Q4 The course engages my interest	14 66.7%	7 33.3%	0	0	0	21	**4.7**	5	5	.47
Q5 I learned something that I consider valuable	15 75%	4 20%	1 5%	0	0	20	**4.7**	5	5	.56

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 275 - 12487									
	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?	11 52.4%	5 23.8%	5 23.8%	0	0	21	**4.3**	5	5	.82

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

CMATHSTAT Student Demographic Questions
Academic General

	MAT 275 - 12487									
	Responses (%)					**Course**				
	F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
Q7 What is your current class standing?	5 23.8%	13 61.9%	3 14.3%	0	0	21	**1.9**	2	2	.61

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

CMATHSTAT Student Demographic Questions
Academic General

	MAT 275 - 12487								
	Responses (%)				**Course**				
	MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev
Q8 What requirement does this course meet for you?	20 95.2%	1 4.8%	0	0	21	**1.0**	1	1	.21

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 275 - 12487									
	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?	9 42.9%	7 33.3%	5 23.8%	0	0	21	**4.2**	4	5	.79

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 275 - 12487									
	Responses (%)					Course				
	3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q10 What is your current ASU GPA?	7 36.8%	9 47.4%	3 15.8%	0	0	19	4.2	4	4	.69

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	9 42.9%	8 38.1%	3 14.3%	1 4.8%	0	21	4.2	4	5	.85
Q12 The Instructor makes clear what is expected of me in this course	15 71.4%	4 19%	1 4.8%	1 4.8%	0	21	4.6	5	5	.79
Q13 I have confidence in the instructor's knowledge of the subject	17 81%	3 14.3%	1 4.8%	0	0	21	4.8	5	5	.53
Q14 The instructor is helpful if the class has difficulty with the material	6 28.6%	10 47.6%	3 14.3%	2 9.5%	0	21	4.0	4	4	.90
Q15 I feel welcome seeking help from the instructor	6 28.6%	7 33.3%	6 28.6%	1 4.8%	1 4.8%	21	3.8	4	4	1.06
Q16 The instructor promotes effective class discussion	3 15%	9 45%	5 25%	2 10%	1 5%	20	3.6	4	4	1.02
Q17 The instructor conveys enthusiasm about the course	11 52.4%	7 33.3%	3 14.3%	0	0	21	4.4	5	5	.72
Q18 The instructor's responses to written work are helpful	9 42.9%	6 28.6%	5 23.8%	1 4.8%	0	21	4.1	4	5	.92

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?	12 57.1%	6 28.6%	2 9.5%	1 4.8%	0	21	4.4	5	5	.84

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**% (**14** of **21**)

1	the exams	🔍
2	There are many practical applications discussed in class.	🔍
3	The homework questions are organized and very helpful. The videos are great.	🔍
4	Professor england	🔍
5	It's an interesting concept and it's nice to apply Calculus 1 into a higher level.	🔍
6	I really like how the course is paced, it goes over easy topics quickly but takes its time with the more complex ones, like Laplace transformations	🔍

7	I love the emphasis on examples and the relaxed atmosphere of the class.	🔍
8	I liked the utility of this course, considering this course is the beginning of applying math to model all sorts of things in the world.	🔍
9	I liked how it changed my perspective of math. I began to realize what I thought was complicated was no more than some differential equation which turned out to be not that hard.	🔍
10	I liked how it relates a little bit to linear algebra. This made it easier for me because I have taken linear algebra before.	🔍
11	I like the professor and his personality.	🔍
12	How England was able to apply differential equations to engineering concepts, made it the most interesting math class I have taken.	🔍
13	He taught us how the concepts apply to the real world, instead of just teaching formulas.	🔍
14	Excellent pacing, talked about future practical implications, did a lot of example problems, plenty of review, always answered questions	🔍

Question:	What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:	66.67% (14 of 21)

1	nothing in particular	🔍
2	honestly no complaints	🔍
3	We went a little too fast sometimes	🔍
4	This course should really have MAT 267 as a prerequisite rather than a corequisite. There are too many concepts that are covered in the later chapters of calc 3 that you are required to have a familiarity with during the beginning chapters of diff eq.	🔍
5	The professor	🔍
6	The only thing I disliked is that sometimes the material was covered a little too quickly and it can be hard to take notes for some people.	🔍
7	The homework software was confusing and had incorrect due dates often that the professor had to manually change to fit the course pacing	🔍
8	N/A	🔍
9	My biggest problem was that sometimes in lecture I feel like things would be covered too quickly, or I wouldn't have enough time to get used to a certain topic with examples before using it heavily or before combining it with other topics.	🔍
10	MATLAB seems unnecessary, I don't feel I learned that much from the MATLAB portion.	🔍
11	I feel like Diff Eq will be hard regardless. I feel like if the coordinator began to offer more freedom to professors as to what differential to teach students will get more out of the class.	🔍
12	I disliked how fast it went. I would have liked it to go a bit slower. Also I did not always understand professor England and what he meant when he gave his analogies to better explain the math, or often times his algebra to solve equations. But despite that he still was an effective teacher when you actually heed his advice.	🔍
13	I did not like how we just have 2 exams. I wish we had 3 exams, this way there is more exams to be graded and more opportunity to get a better grade.	🔍
14	I barely like his teaching style because most of the time what he teaches is not connected with HomeWorks.	🔍

Faculty:	Brian England
Question:	What did you like about the instructor or the method of instruction?
Response Rate:	61.90% (13 of 21)

1	taught applications	🔍
2	gave 'motivation' for learning the material, examples, and went through how to approach the actual problems that would be seen throughout the course	🔍
3	excellent pace, left lots of time for review before exams, explained material effectively	🔍
4	Mr. England has a super laid-back approach to teaching a complex subject and it made it enjoyable to show up to class and all the easier to learn the material. He is extremely knowledgeable about the material and is always sure to emphasize why the material is relevant to us as engineers.	🔍

5	I really liked that Professor England always connected back to the applications of things that we were learning, because that was always useful and motivating.	🔍
6	I liked how clearly he spoke, and his enthusiasm for the subject. I did also like how clearly he wrote.	🔍
7	I like how he does examples of the homework problems.	🔍
8	He teaches in the way my brain works so all the information clicks very easily for me. He also is very engaging and funny.	🔍
9	He seems to like differntial equations.	🔍
10	He is very confident and knowledgable about the material. He conveys it very passionately and clearly.	🔍
11	He does a lot of examples, and also connects the subject to real applications.	🔍
12	He did lots of practice questions before exam and they're were helpful.	🔍
13	England explains things very well by using real world examples of differentials, it makes me actually interested in the class because the examples he uses are real and cool. He also regularly responds to questions on the discussion board which is very helpful for students who get stuck on a given problem. I think it's great that he's teaching 275 because he's an actual engineer, and I feel like that helps him apply Diff Eq to other student's classes.	🔍

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:	66.67% (14 of 21)

1	too fast	🔍
2	nothing	🔍
3	no complaints	🔍
4	Sometimes it can be difficult to transfer the lecture into notes but that is not often an issue.	🔍
5	Please plan out at least 1 or 2 problems before class starts to avoid small errors while working out the problem.	🔍
6	Occasionally he goes on tangents that aren't very connected to what we're learning	🔍
7	No strict late policy. Students have difficulties and life outside side school please allow late work at least with half credit. The TA can be mean.	🔍
8	I think sometimes Professor England went too fast for my pace when learning about new topics and then applying them. It often would have me confused during class, but usually I'd get the hang of the type of problem covered when completing the homework after class.	🔍
9	I dislike that his current lecture notes are not posed, but he has a website with all of the material and previous posted lecture videos.	🔍
10	I did not like how he presents class. He will basically just write stuff on the board super quick and will not turn around to explain what he is doing. This is also bad for him because usually, he makes mistakes in his algebra and students would want to tell him but he would not turn from the board until the problem is done. When someone would tell him he made a mistake he wouldn't fix it and just say the procedure is current, that he will not waste time fixing algebra mistakes. He also wastes a lot of time talking about aerospace engineering because he is one and he also shares a lot of his personal life which can waste time we need for learning. He is not very welcoming and would often call me out personally when I would not show up to class for personal reasons or if I got a bad score. His tone is very aggressive, and it makes students feel very insecure on the knowledge they have on the course. He teaches fast, so I had to teach myself a lot of the times. I would recommend this instructor to be more understanding of people, he does not know what his students are going through and he always made negative assumptions about them.	🔍
11	He moves pretty quick and can be curt in his responses to students.	🔍
12	He goes off on tangents evvery class about his personal life. Doesn't curve because he uses the average homework grade as a way to cope.	🔍
13	He did tend to go a bit fast, and a lot of the times he would not do his algebra step by step but rather would do it in his head. Which made learning a bit harder as I could not work out the math the same way he did sometimes when going back into my notes.	🔍
14	England is very good at math, obviously. I feel like he can move fast sometimes, so students who get distracted easily might miss a lot. I personally never struggled though.	🔍