

Course:	MAT 275 16043 - Modern Differential Equations	Department:	CMATHSTAT
Responsible Faculty:	Brian England	Responses / Expected:	12 / 55 (21.82%)
Overall Mean:	4.8 How often access course (12 responses) 4.0 Cum GPA (12 responses) 3.7 5-Point w/ Neutral H-L (156 responses) 3.6 Grading (23 responses) 3.6 Excellent to Poor (60 responses) 3.4 5-Point SA>SD w/Neutral H-L (84 responses) 3.3 Expected Grade (12 responses) 2.7 Class Standing (Fr,So,Jr,Sr,Grad) (12 responses) 1.2 Reason for course L-H (12 responses)		

CMATHSTAT Course Questions General Course Questions		MAT 275 - 16043									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q1	Assignments and/or examinations promote learning	4 33.3%	4 33.3%	0	3 25%	1 8.3%	12	3.6	4	4,5	1.38
Q2	Class sessions are well planned	3 25%	2 16.7%	3 25%	2 16.7%	2 16.7%	12	3.2	3	3,5	1.40
Q3	The pace and level of the course are appropriate	3 25%	2 16.7%	5 41.7%	1 8.3%	1 8.3%	12	3.4	3	3	1.19
Q4	The course engages my interest	2 16.7%	4 33.3%	5 41.7%	0	1 8.3%	12	3.5	3.5	3	1.04
Q5	I learned something that I consider valuable	3 25%	5 41.7%	3 25%	0	1 8.3%	12	3.8	4	4	1.09

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 - 16043									
		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?	3 27.3%	2 18.2%	4 36.4%	1 9.1%	1 9.1%	11	3.5	3	3	1.23

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 275 - 16043									
		Responses (%)					Course				
		OAW	TAW	TTA	FTA	FOM	N	Mean	Med.	Mode	Std Dev
Q7	On average, how often did you access your course?	0	0	1 8.3%	1 8.3%	10 83.3%	12	4.8	5	5	.60

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 275 - 16043									
		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.)?	4 33.3%	3 25%	1 8.3%	2 16.7%	2 16.7%	12	3.4	4	5	1.50
Q9	How would you rate the ease of navigation?	2 16.7%	5 41.7%	2 16.7%	0	3 25%	12	3.3	4	4	1.42
Q10	How would you rate the accessibility of the instructor?	6 50%	2 16.7%	1 8.3%	1 8.3%	2 16.7%	12	3.8	4.5	5	1.53
Q11	How would you rate the timeliness of the instructor's response to questions, assignments, and tests?	6 50%	1 8.3%	3 25%	0	2 16.7%	12	3.8	4.5	5	1.48
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?	6 50%	1 8.3%	2 16.7%	0	3 25%	12	3.6	4.5	5	1.66

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

CMATHSTAT Student Demographic Questions Academic General		MAT 275 - 16043									
		Responses (%)					Course				
		F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
Q13	What is your current class standing?	0	5 41.7%	6 50%	1 8.3%	0	12	2.7	3	3	.62

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

CMATHSTAT Student Demographic Questions Academic General		MAT 275 - 16043									
		Responses (%)					Course				
		MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev	
Q14	What requirement does this course meet for you?	11 91.7%	0	1 8.3%	0	12	1.2	1	1	.55	

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 275 - 16043									
		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?	1 8.3%	5 41.7%	4 33.3%	1 8.3%	1 8.3%	12	3.3	3.5	4	1.03

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 - 16043									
		Responses (%)					Course				
		3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q16	What is your current ASU GPA?	4 33.3%	4 33.3%	4 33.3%	0	0	12	4.0	4	3,4,5	.82

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

ASU Online Program Online Content and Instruction		MAT 275 - 16043									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q17	The course was easy to navigate.	4 33.3%	3 25%	3 25%	0	2 16.7%	12	3.6	4	5	1.38
Q18	The course presentations contributed to my learning.	3 25%	1 8.3%	3 25%	2 16.7%	3 25%	12	2.9	3	1,3,5	1.50
Q19	The course criteria for success on graded work was clear and specific.	4 33.3%	3 25%	2 16.7%	0	3 25%	12	3.4	4	5	1.55
Q20	The course learning activities adequately prepared me for graded work.	3 25%	0	5 41.7%	0	4 33.3%	12	2.8	3	3	1.52
Q21	The instructor was visibly present in the course (e.g. posted announcements, active in discussions, etc.).	7 58.3%	1 8.3%	2 16.7%	0	2 16.7%	12	3.9	5	5	1.50
Q22	The instructor responded to inquiries within 24 hours.	6 50%	2 16.7%	2 16.7%	0	2 16.7%	12	3.8	4.5	5	1.46
Q23	The instructor provided meaningful feedback on graded work.	5 41.7%	0	4 33.3%	0	3 25%	12	3.3	3	5	1.60

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				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q24	The instructor's presentations are clear and understandable	4 33.3%	3 25%	2 16.7%	0	3 25%	12	3.4	4	5	1.55
Q25	The Instructor makes clear what is expected of me in this course	5 41.7%	3 25%	1 8.3%	1 8.3%	2 16.7%	12	3.7	4	5	1.49
Q26	I have confidence in the instructor's knowledge of the subject	7 58.3%	3 25%	1 8.3%	0	1 8.3%	12	4.3	5	5	1.16
Q27	The instructor is helpful if the class has difficulty with the material	7 58.3%	0	2 16.7%	1 8.3%	2 16.7%	12	3.8	5	5	1.59
Q28	I feel welcome seeking help from the instructor	6 50%	2 16.7%	1 8.3%	1 8.3%	2 16.7%	12	3.8	4.5	5	1.53
Q29	The instructor promotes effective class discussion	6 50%	1 8.3%	2 16.7%	1 8.3%	2 16.7%	12	3.7	4.5	5	1.55
Q30	The instructor conveys enthusiasm about the course	5 41.7%	3 25%	2 16.7%	0	2 16.7%	12	3.8	4	5	1.42
Q31	The instructor's responses to written work are helpful	7 58.3%	1 8.3%	1 8.3%	1 8.3%	2 16.7%	12	3.8	5	5	1.57

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
Q32	Using A-E as grades, what is your overall rating of the instructor?	6 50%	2 16.7%	1 8.3%	1 8.3%	2 16.7%	12	3.8	4.5	5	1.53

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:	75.00% (9 of 12)										
1	the information										
2	The professor was the best part about this course. He was understanding and provided extra material to better understand the course.										
3	The material itself is pretty interesting.										
4	The instructor is very active in the course.										
5	The course was challenging, but the knowledge was still attainable. The WebWork was the only way I could enforce learning of the material. The Piazza was a nice resource and a good way to interact with the professor.										

6	The course was very poorly organized. Instructor did not provide grades nor feedback.	
7	I like the WebWork software for homework. It's much better than any of the Pearson software I've used.	
8	I found the course to be well structured in regards to the mathematics knowledge and homework. Each module prepared me for the next one, and there were enough detailed videos to help me learn how to solve different variations of the problems, making the homework fairly easy.	
9	Brian England genuinely cares about the education of students. He really promotes learning in an environment where that can be difficult.	

Question:	What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:	91.67% (11 of 12)

1	offer in C session online	
2	it is very self taught, its a lot of money to teach myself.	
3	Very difficult material. Having more flexible grading would make the course better in my opinion.	
4	This course need to be entirely recognized, was the worst learning experience in my college years. Lazy work. no consideration of the effort of students, and most of the time announcement to students answers were condescending. At the end of the day people pay money to learn and ask questions not to looked down upon.	
5	The proctoring is inconveniencing to say the least. The actual lectures and examples are sometimes clear and helpful, but other times, youtube and herculean amounts of google searches were necessary to find clear explanations of material. Matlab was the only way I could confirm some of my answers as WebWork does not have helpful suggestions of where I went wrong on problems. The book is not helpful. The solution guide is worthless without some hints as to how an answer was achieved. It's nice that you know you're right or wrong, but it would also be helpful to know why. It would be nice if the professors or the examples could speak normal english every once in a while. For instance, Heaviside functions were better explained here https://www.youtube.com/watch?v=RCEAqyN5WI&t=9s . It would be good if there was a review of the material for a week, or prep material for a test so that we could have a general idea of what would be emphasized or important. The WebWork was sometimes extremely strenuous and the pacing was very inconsistent. Some homeworks with 10 problems would 10 hours, where a homework with 18 problems would take 2 hours.	
6	The placement of the first and second MATLAB labs within the modules was not correct and added confusion to what lab should be completed and when it was due. For example, the week one instruction and WebWork assignments were placed in module one, but the first lab was placed in module two, even though all of these were a part of the week one topics. The second lab was misplaced in a similar fashion, being placed in module three when it should have been in module two.	
7	The course was extremely disorganized. I suffered through lectures for about five minutes and then went to get course information elsewhere. The subject matter was unclear. The homework didn't seem to follow the lectures at times. Labs were one week off for the first half of class i.e. I had to look into next weeks material to find the lab that was due this week	
8	<p>The course was very disorganized and it was clear that the instructor who set up the homework/exams had not actually viewed the lecture videos. The lectures were not very informative and rarely were helpful with the assigned homework. Often when asked for clarification or to point out where we could find information within the course, the instructor would instead direct students to his personal website. While this is fine for supplemental information it should not be a primary resource for instruction. This course costs nearly \$2,000 and it did not feel worth 1/4 of the cost. I don't believe it is too much to ask for the information on Canvas to be:</p> <ol style="list-style-type: none"> 1. Correct, there were many instances where the information on Canvas did not agree with what the professor said and his response was usually that the course coordinator sets it up and not him. 2. Useful/Relevant: As stated above, the lectures were severely lacking and generally not very useful for the homework. A course with this cost and at a university with this reputation should do a lot better. I'm willing to bet that the instructor hasn't even watched the videos. 3. Versatile: All videos provided in online course should have 2 functions, ability to go full screen and downloadable. As online students we sometimes work wherever we can and internet is not always readily available. The ability to download videos is a huge benefit that I have used in other classes. Additionally, when I'm at home I'd like to be able to view the videos in full screen and not stare at a tiny window on the page. <p>So how can these 3 things be improved?</p> <ol style="list-style-type: none"> 1. Have instructors have a hand in (or at least review) the information on Canvas to ensure it was accurate. 2. Ensure that the instructors view the videos and determine if they meet the objectives and level of the homework questions. If they do not, either replace the videos or add supplemental videos. Often it doesn't feel like the professors are actually doing any instruction. 3. Ensure videos are downloadable and can go full screen. This seems very minor and something that shouldn't even be an issue. I've had other courses at ASU and most of them have had these options. <p>The sad thing about this course is that it didn't have to be this frustrating. The math itself isn't actually that hard if given the proper instruction. But I shouldn't have to rely on Khan Academy and YouTube videos for instruction for a \$2k class at a world class institution.</p>	
9	Not much, just found it challenging.	
10	I don't think this should be an 8 week course. I would have preferred to take a 16 week course, but there were none offered online.	
11	Better notes/presentations, better written WebWork questions. Half the time when trying to figure out a webwork problem, my problem was just not understanding what the question was actually asking for.	

Question:	What did you like the most about the course?
Response Rate:	58.33% (7 of 12)

1	The instructor.	
2	The instructor	

3	The course was well structured, such that each module prepared me for the next. There were enough detailed videos to cover multiple variations of problems, making the homework fairly easy.	
4	The WebWork software.	
5	Honestly nothing except the material because it is relevant to my degree	
6	Challenging and interesting material.	
7	Brian England	

Question:	What did you like the least about the course?	
Response Rate:	66.67% (8 of 12)	
1	the instructor	
2	the course is not organized, announcement conflicted with due dates and availability, the instructor did not check when the solution of the problems will be available so we can use them to study for the first exam. overall a horrible learning experience.	
3	Too much of the final grade is based on test.	
4	The length. The course has a non-credit lab component and 8 weeks was far too compacted to digest and retain the material.	
5	The course	
6	N/A	
7	MATLAB labs one and two were placed in the incorrect module, adding confusion to when the two labs should be completed and when they were due. Lab one was placed in module two when it should have been in module one, and lab two was placed in module three when it should have been in module two.	
8	Instructional videos were not nearly helpful enough to complete all the tasks and contributed to a general sense of being overwhelmed.	

Faculty:	Brian England	
Question:	What did you like about the instructor or the method of instruction?	
Response Rate:	58.33% (7 of 12)	
1	Very responsive and provided extra material to help understand the course	
2	The lectures were awful. Brian England was great. He had a straight and to the point way of communicating, you always knew where you stood with him. I'd rather have learned the class material from him than from the course resources.	
3	The instructor was very knowledgeable about the material, provided detailed and clear answers to student's questions, and also provided further information and resources regarding similar and advanced topics not covered in the course material. The instructor encouraged students to put in the extra work to fully understand the material in order to avoid becoming reliant on formula, reference, or 'cheat sheets'.	
4	Professor England was helpful in his interactions with us on the website. His outside website was helpful, but might need a little love to cater to us online students. He was very active in Piazza and I didn't feel like we were a secondary responsibility. He was responsive to the general mood of the class and made accommodations.	
5	Nothing i feel like learned nothing from a subject that is very important to my degree. i have to teach myself in the future or retake the class with someone else	
6	He responded quickly and was genuinely invested in students learning the material for their futures, not just to pass the class.	
7	Communicated often and conveyed his expectations clearly. He promoted learning very well.	

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:	58.33% (7 of 12)	
1	The whole class was a nightmare, and made feel like i can success in my field. Be more present for the students and choose your word when addressing the student and do not look down on them. The fact that you are the only math instructor in the math department at ASU with an engineering degree should not be mentioned in an announcement, one can still be a great math instructor with engineering degree.	

2	<p>Professor England is clearly a knowledgeable professor, however the little "instruction" he did provide was lacking. When asked questions, professor England either: a) was condescending, b) provided a formula or work without any explanation, c) directed us to his website. And while his website was helpful at times, I feel we should be able to get most of our information from the course we pay for. I don't think it's too much to ask for the professors to supplement the lackluster lecture videos with material of their own. I'm sure they are not giving the same lectures in their in-person classes.</p>	
3	<p>None.</p>	
4	<p>My class wasn't taught by my instructor. For instance, if the class had been designed by Dr England, or if he were given more say in the content I feel I could have taken more from it, however, there were times when the course seemed to diverge from our instructors intent.</p>	
5	<p>Lets see, to start off, when something is unclear to a student, such as when a piazza post made by the instructor and an announcement on canvas made by the instructor, when the student asks for clarification, saying "i dont know how this confuses you" and repeating the statement, verbatim is not the best route to take. Then when the student asks a specific example to fully understand, instead of continuing(multiple times throughout the semester) to just mark his or her question as resolved, maybe just answer the question.</p> <p>As for the discrepancies between, canvas, WebWork, Blackboard, it would probably be in everyones best interest to give a quick read through of the syllabus and canvas to make sure the two match in what is expected and when. Such as whether we have 24 or 48 hours for exams to be open. What the actual grading scale is. Or just when due dates are in general.</p> <p>Also maybe when its said that "You will have access to the homework solutions through webwork for review purposes" prior to taking a test, make the webwork solutions available, prior to taking the test.</p> <p>Maybe just try to be a little less condescending in general. After seeing all of the above happen, i no longer even try to post on piazza for help. There is none.</p>	
6	<p>I would have liked more thorough lecture videos. As an online student I rely more heavily on the lecture videos as I have limited or no access to study groups, tutors, and instructor office hours. I had to supplement the course book and videos with videos I found on YouTube and Khan Academy, which isn't inherently bad, just not preferable.</p>	
7	<p>His outside website might need a little love to cater to us online students. The actual videos that weren't his weren't as helpful as the questions in the Webwork were a bit more obtuse and drawing connections was difficult to say the least. It would have been nice to get his comments and summaries of material after a webwork set was due as to the things we should have learned. He seems like a good professor to take in person and I would have enjoyed to read or hear what he had to say about the material.</p>	