

Arizona State University  
UC

CMATHSTAT Student Demographic Questions Academic General		MAT 266 - 72179									
		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?	12 31.6%	15 39.5%	6 15.8%	4 10.5%	1 2.6%	38	3.9	4	4	1.06

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 266 - 72179									
		Responses (%)					Course				
		3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q10	What is your current ASU GPA?	14 40%	15 42.9%	5 14.3%	1 2.9%	0	35	4.2	4	4	.79







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	13 34.2%	15 39.5%	6 15.8%	4 10.5%	0	38	4.0	4	4	.96
Q12	The Instructor makes clear what is expected of me in this course	22 57.9%	12 31.6%	3 7.9%	1 2.6%	0	38	4.4	5	5	.75
Q13	I have confidence in the instructor's knowledge of the subject	27 71.1%	8 21.1%	2 5.3%	1 2.6%	0	38	4.6	5	5	.71
Q14	The instructor is helpful if the class has difficulty with the material	12 31.6%	14 36.8%	6 15.8%	5 13.2%	1 2.6%	38	3.8	4	4	1.10
Q15	I feel welcome seeking help from the instructor	11 28.9%	12 31.6%	11 28.9%	3 7.9%	1 2.6%	38	3.8	4	4	1.04
Q16	The instructor promotes effective class discussion	6 15.8%	18 47.4%	8 21.1%	6 15.8%	0	38	3.6	4	4	.93
Q17	The instructor conveys enthusiasm about the course	19 50%	12 31.6%	4 10.5%	3 7.9%	0	38	4.2	4.5	5	.93
Q18	The instructor's responses to written work are helpful	13 34.2%	18 47.4%	3 7.9%	3 7.9%	1 2.6%	38	4.0	4	4	.99










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?	24 63.2%	7 18.4%	5 13.2%	1 2.6%	1 2.6%	38	4.4	5	5	.98













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:	63.16% (24 of 38)										
1	teacher is fun										
2	clear applications to real world										
3	The topics are interesting.										
4	The teacher										
5	The professor was very knowledgeable of the subject and knew how to present it in a orderly neat manner.										
6	The homework prepared very well, maybe too well, for the tests. I liked the setup of class and I highly appreciated the partial credit on exams.										

















7	The difficulty of the subjects	
8	The Instructor always relates the topic of study to how we could apply it to the field of engineering. He also allowed us to come early and put homework problems on the board.	
9	THat i learned something that will be useful to me in the fututre	
10	Professor England encourages students to learn and puts in the effort to give them the resources they need.	
11	Professor England taught the material well and was very fair when it came to grading and giving credit.	
12	Presented in clear way with real world examples	
13	MATLAB demonstrations	
14	Interesting material.	
15	I really liked the teacher. He taught well and made sure he was available for help.	
16	I liked that the subjects that we covered were directly related to future courses I will be taking.	
17	I liked that there were multiple examples through the lecture rather than straight notes.	
18	I like the practical applications to engineering. I also liked learning the "why" and not just the "how".	
19	I like the format of the homework with everything being open so you can get ahead.	
20	I like that we learned more about the application of some of the math we were doing, rather than just memorizing formulas and such.	
21	I like math, and the course can be challenging at times. It's also great as a refresher from the calc courses I took in high school.	
22	I enjoyed the method in which the concepts were taught. We were given examples and were able to go through the reasoning behind each step rather than a textbook definition of each term.	
23	Great teacher that helps and cares about his students. Great idea on the website but it would have helped a lot more if it was finished.	
24	England goes over the 'why' for problems and not just the 'how' like a lot of teachers I had in the past.	




Question:		What did you dislike about the course? Do you have any suggestions to improve the course?	
Response Rate:		60.53% (23 of 38)	
1	instructor will unintentionally discourage one from asking questions, when one does so, he will make small remarks concerning the question. which i feel is unnecessary, and the reason why so few students ask questions. hes never done it to me, but ive seen it done to other students		
2	explanation could be more clear		
3	Weighting distribution heavily prioritized homework (far above the exams) which did not reflect the emphasis in the course.		
4	Webwork sometimes malfunctions and the homework problems didn't always match or cover the tests.		
5	Webwork is always dysfunctional and is intolerable at best. Tolerances are crazy sometimes (spent half a hour on a problem once to figure out I was using 9.81 instead of using 9.8, with no feed back why I was wrong), most of the problems are decent but some problems are much harder then they need to be and are convoluted for the sake of being so.		
6	Webwork is definitely a hassle. If it could be modified to include questions more focused on the lesson material, that would be ideal.		
7	The professor seemed to cater to the individuals who seemed to already know the content and would proceed to say things like "oh you guys already know that" "or if you don't get that then you need to go back and retake Calc 1" rather than understand everyone work at different paces. He would also seem annoyed when someone would ask a question that a majority of the class seemed to understand already.		
8	The problems in the WebWork can be ridiculous at times, which then means I end up spending more time than I need to on a problem. I would not put this if it were not just me that thought this.		
9	The online webwork problems were always super frustrating, should let the professors plan out the course instead of giving them a schedule they have to obey.		

10	The homework was very difficult. I have a high grade in this course but that took many many hours of work. Each homework assignment took me at the bare minimum 3 hours and sometimes up to 6 hours. I had to use the tutoring center for almost every assignment and some questions even stumped many of the tutors that helped me. The questions on the homework were extremely more advanced than what was taught in class and even for what we are tested on knowing.	
11	Only 3 tests as midterm assessments. Perhaps some quizzes every week would help give students more points in the grade book and show what they need to work on.	
12	Need to better organize the order of homework and materials on the website better to reflect the intention of the instructor.	
13	N/A	
14	It was weird not having notes but that was online so I know that I can look there for any notes I would want.	
15	It sometimes felt to fast especially on new topics but that's mostly on me.	
16	It asked a lot of me, the course required a excellent understanding of the one prior and when I got to a point i didn't understand, it was because of the previous teacher's fallacy. That led to a snowball effect of not understanding the material.	
17	I felt that it was very fast paced and there was some things that I felt I should have know before taking this course.	
18	I don't like how we only do simple problems in class and then have to learn how to do the harder questions for our homework. I also felt like we went through some topics so fast and ended up 3 weeks ahead.	
19	I disliked the fact that there are only three exams. For example, the last test I was having a bad day and now my grade reflects that.	
20	I disliked the timing and grouping of the course. It did not make sense for certain concepts to be put together during an exam like sequences and series and parametrization. I also think that spending more time on harder and newer topics like sequences and series would have been helpful.	
21	I did not like the use of webwork, sometimes the answers would be wrong and they sometimes did not pertain to what was actually important or what needed to be learned.	
22	Do more examples of webwork problems during notes	
23	A few instances where it was unclear what exactly was required to be known for the course. There would be extra material taught and there was some confusion. It could be useful for someone who felt comfortable with the material already but to someone who was struggling to keep up and barely getting the notes down in time, this extra material was a little too much.	

<b>Faculty:</b> Brian England		
<b>Question:</b>	What did you like about the instructor or the method of instruction?	
<b>Response Rate:</b>	60.53% (23 of 38)	
1	funny dude	
2	Very knowledgeable and can clear up an issue you are having very quick.	
3	Very clear for what is expected for us to know well and shows a lot of example problems and works them out for us	
4	The instructor walks us through any problems we struggle on in the homework, and he makes sure to explain the application of what we are learning to what we will have to do later in college or potentially in our careers as engineers. He is also very approachable.	
5	The instructor was blunt and to the point when it came to the reasoning behind certain steps. His thought process is very similar to mine and it was easy to understand what he was doing for each problem.	
6	Standard lecture. Tells us exactly what we need to know and what is expected. Grading is very fair.	
7	Mr. England has a vast knowledge of the material. In a one-on-one conversation I'm sure he could talk forever about his experience.	
8	I liked that he had a very deep understanding of the subject, and he related many of the subjects we covered to my major.	
9	I liked that he came in early and answered our questions about the homework.	
10	I liked that there were constant examples rather than straight notes at times because it would help with homework, seeing a similar type of problem	
11	I liked my professor. He was easy to get along with and provided tests that best show our understanding of the course, while still being gracious when grading.	
12	I liked how he would walk us through the problems and do example problems on the board. Plus his website is an amazing resource.	

13	I liked how he explained the questions after tests and went over them in great detail.	
14	He worked problems out in a neat understandable manner.	
15	He was to the point and provided a great understanding of the process involved when solving particular problems.	
16	He was quick, and to the point	
17	He teaches first principals for new topics.	
18	He often goes off on many tangents and everytime he messes up on the algebra of solving problems he reminds us that he only cares that we understand the process, which is not helpful when I am trying to learn the process.	
19	He always creates a real world examples to help in understanding applications.	
20	Has a website and asks the class for questions. Also uses and encourages matlab.	
21	Going over homework questions	
22	As said before, professor England prepares students for courses and jobs in the future, making sure they know what topics are useful in future classes and providing resources to help.	
23	Accessible, funny, effective teaching style, understands the ASU system.	

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:		52.63% (20 of 38)	
1	n/a		
2	he was too quick, and would sometimes skip over important steps. he would briefly skim instead of walking through, and ive heard many people complain about it		
3	explanations are okay		
4	We do a lot of our homework in the class and so maybe using that to continue to cover problems but more complicated examples.		
5	This course felt rushed, especially when the last weeks came and there was no new material to cover. I appreciate that Brian left that time completely open for any questions but I would have preferred spending longer time on some sections.		
6	That experience leads him to expect the students to have similar knowledge, which then leads to students not understanding material, like me.		
7	Not very clear instructions on subjects. Need to slow down more and more step by step on identifying the problem and how to solve them. Also the writings need to be bigger and clearer for students in the back.		
8	Nope.		
9	N/A		
10	My only wish would be that the website wasn't a work in progress so that we could've used it as a better resource.		
11	Maybe more points in the grade book to help grades? Not much room for improvement he is a great professor		
12	I usually did not ask any questions, and partially for this reason. Sometimes students would ask questions and the explanation would be very weak, and basically not explain it all all. It seemed like he just expected us to know some things that we did not. Of course, sometimes he did explain it fairly well, but many times he just made the person asking the question feel dumb and as if he/she should have known it from before.		
13	I felt that the lectures were very fast paced and that not all of the homework problems related to what we learned in the lectures.		
14	I feel the pace was decent but I was not able to keep up with every problem when taking notes. This left gaps in parts of my notes that made it harder to remember certain things, though he provided a decent amount of material to help us alongside this.		
15	I disliked the use of MatLab in class because it seemed unnecessary.		
16	I did not like that sometimes he went on tangents about unrelated topics and was easily distracted by other questions.		

17	He gave too many days for people just to ask questions they needed to do.	
18	He catered to the students who seemed to already have a good understanding of the subject. He didn't like to "waste time" solving multiple problems that multiple students had problems with. We were not allowed calculator or formula sheet we were expected to memorize all formulas and rules.	
19	At times I wish there was notes or more structure in class but I understand that notes can be found online.	
20	A swapped class would help tremendously. the class can learn the basics from videos and not get lost when the professor expands on the more complex topics. The professor can also spend more time helping students understand the material and teach more advanced topics.	