| Course: | MAT 265 97656 - Calculus for Engineers I | Department: | CMATHSTAT |
|----------------------|---|-----------------------|------------------|
| Responsible Faculty: | Brian England | Responses / Expected: | 17 / 52 (32.69%) |
| Overall Mean: | 4.4 Cum GPA (17 responses) 4.3 Expected Grade (17 responses) 4.1 Grading (34 responses) 4.0 5-Point w/ Neutral H-L (221 responses) 1.1 Class Standing (Fr,So,Jr,Sr,Grad) (17 responses) 1.1 Reason for course L-H (17 responses) | | |

| | | MAT 265 - 97656 | | | | | | | | | | | | | |
|----|--|-----------------|------------|------------|------------|----|----|------|--------|------|------------|--|--|--|--|
| | ATHSTAT Course Questions neral Course Questions | Responses (%) | | | | | | | Course | | | | | | |
| · | | SA | Α | N | D | SD | N | Mean | Med. | Mode | Std Dev | | | | |
| Q1 | Assignments and/or examinations promote learning | 8 47.1% | 6 35.3% | 2 11.8% | 1 5.9% | 0 | 17 | 4.2 | 4 | 5 | .88 | | | | |
| Q2 | Class sessions are well planned | 6 35.3% | 7 41.2% | 2 11.8% | 2 11.8% | 0 | 17 | 4.0 | 4 | 4 | .97 | | | | |
| Q3 | The pace and level of the course are appropriate | 7 41.2% | 5 29.4% | 2 11.8% | 3 17.6% | 0 | 17 | 3.9 | 4 | 5 | 1.11 | | | | |
| Q4 | The course engages my interest | 8 47.1% | 5 29.4% | 2 11.8% | 2 11.8% | 0 | 17 | 4.1 | 4 | 5 | 1.02 | | | | |
| Q5 | I learned something that I consider valuable | 10 58.8% | 3 17.6% | 3 17.6% | 1 5.9% | 0 | 17 | 4.3 | 5 | 5 | .96 | | | | |

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1

| | MAT 265 - 97656 | | | | | | | | | | | |
|--|-----------------|------------|-----------|------------|---|--------|------|------|------|------------|--|--|
| CMATHSTAT Course Questions General Course Questions | Responses (%) | | | | | Course | | | | | | |
| | A | В | С | D | Е | N | Mean | Med. | Mode | Std Dev | | |
| Q6 Using A-E as grades, what is your overall rating of the course? | 8 47.1% | 5 29.4% | 1 5.9% | 3 17.6% | 0 | 17 | 4.1 | 4 | 5 | 1.11 | | |

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

| | MAT 265 - 97656 | | | | | | | | | | | | |
|--|-----------------|-------------|----|---|---|----|--------|------|------|------------|--|--|--|
| CMATHSTAT Student Demographic Questions Academic General | | Responses (| %) | | | | Course | | | | | | |
| | F | s | J | s | G | N | Mean | Med. | Mode | Std Dev | | | |
| Q7 What is your current class standing? | 15 88.2% | 2 11.8% | 0 | 0 | 0 | 17 | 1.1 | 1 | 1 | .32 | | | |

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

| | MAT 265 - 97656 | | | | | | | | | | | |
|---|-----------------|-----------|----|-----|--------|------|------|------|------------|--|--|--|
| CMATHSTAT Student Demographic Questions Academic General | Responses (%) | | | | Course | | | | | | | |
| | MR | RFC | GS | EGI | N | Mean | Med. | Mode | Std Dev | | | |
| Q8 What requirement does this course meet for you? | 16 94.1% | 1 5.9% | 0 | 0 | 17 | 1.1 | 1 | 1 | .24 | | | |

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

| | MAT 265 - 97656 | | | | | | | | | | | | |
|--|-----------------|------------|------------|-----|-----------|--------|------|------|------|------------|--|--|--|
| CMATHSTAT Student Demographic Questions Academic General | Responses (%) | | | | | Course | | | | | | | |
| | A | В | С | D/E | 0 | N | Mean | Med. | Mode | Std Dev | | | |
| Q9 What grade do you expect to earn for this course? | 10 58.8% | 4 23.5% | 2 11.8% | 0 | 1 5.9% | 17 | 4.3 | 5 | 5 | 1.07 | | | |

Responses: [A] A=5 [B] B=4 [C] C=3 [D/E] D/E=2 [O] Other=1

| | MAT 265 - 97656 | | | | | | | | | | | | |
|--|-----------------|-------------|---|---|----|----|--------|------|------|------------|--|--|--|
| CMATHSTAT Student Demographic Questions Academic General | Responses (%) | | | | | | Course | | | | | | |
| | 3 | 3 | 2 | 2 | B2 | N | Mean | Med. | Mode | Std Dev | | | |
| Q10 What is your current ASU GPA? | 6 35.3% | 11 64.7% | 0 | 0 | 0 | 17 | 4.4 | 4 | 4 | .48 | | | |

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

| | | | | | В | rian Engla | and | | | | | | |
|-----|---|---------------|------------|------------|------------|------------|-----|------------|------|------|------------|--|--|
| | THSTAT Faculty Questions se Related Faculty Questions | Responses (%) | | | | | | Individual | | | | | |
| | | SA | A | N | D | SD | N | Mean | Med. | Mode | Std Dev | | |
| Q11 | The instructor's presentations are clear and understandable | 6 35.3% | 7 41.2% | 2 11.8% | 1 5.9% | 1 5.9% | 17 | 3.9 | 4 | 4 | 1.11 | | |
| Q12 | The Instructor makes clear what is expected of me in this course | 10 58.8% | 5 29.4% | 0 | 1 5.9% | 1 5.9% | 17 | 4.3 | 5 | 5 | 1.13 | | |
| Q13 | I have confidence in the instructor's knowledge of the subject | 13 76.5% | 2 11.8% | 2 11.8% | 0 | 0 | 17 | 4.6 | 5 | 5 | .68 | | |
| Q14 | The instructor is helpful if the class has difficulty with the material | 7 41.2% | 1 5.9% | 7 41.2% | 0 | 2 11.8% | 17 | 3.6 | 3 | 3,5 | 1.33 | | |
| Q15 | I feel welcome seeking help from the instructor | 5 29.4% | 5 29.4% | 3 17.6% | 2 11.8% | 2 11.8% | 17 | 3.5 | 4 | 4,5 | 1.33 | | |
| Q16 | The instructor promotes effective class discussion | 4 23.5% | 5 29.4% | 4 23.5% | 2 11.8% | 2 11.8% | 17 | 3.4 | 4 | 4 | 1.29 | | |
| Q17 | The instructor conveys enthusiasm about the course | 6 35.3% | 7 41.2% | 2 11.8% | 1 5.9% | 1 5.9% | 17 | 3.9 | 4 | 4 | 1.11 | | |
| Q18 | The instructor's responses to written work are helpful | 4 23.5% | 5 29.4% | 5 29.4% | 1 5.9% | 2 11.8% | 17 | 3.5 | 4 | 3,4 | 1.24 | | |

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1

| OMATURTAT F It. O I' | Brian England | | | | | | | | | | | |
|---|---------------|---------------|-----------|---|------------|----|------|------------|------|------------|--|--|
| CMATHSTAT Faculty Questions Course Related Faculty Questions | | Responses (%) | | | | | | Individual | | | | |
| | A | В | С | D | E | N | Mean | Med. | Mode | Std Dev | | |
| Q19 Using A-E as grades, what is your overall rating of the instructor? | 8 47.1% | 6 35.3% | 1 5.9% | 0 | 2 11.8% | 17 | 4.1 | 4 | 5 | 1.26 | | |

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

| | Question: | What did | I you like about the course? | |
|----|---------------|------------|--|---|
| Re | esponse Rate: | 88.24% | (15 of 17) | |
| 1 | | | too bad, however this is one of those classes where the teacher makes the class. So, if you have a bad professor, it can make the class leagues needs to be. | Q |
| 2 | pace | | | Q |
| 3 | The instruc | or is pret | ty light hearted and thus makes lectures easier to follow along with. | Q |
| 4 | The courses | availabl | e resources | Q |
| 5 | Teacher tau | ght smar | t ways to solve problems. | Q |
| 6 | Teacher rea | lly explai | ns the concepts well and does his best to allow students to succeed. | Q |
| | | | | |

| 8 | Nothing | | Q |
|-----|---|---------|---|
| 9 | It was well paced and I understood the material well through all the examples in class. | | Q |
| 10 | I liked the website where we had to do the homework. I found it to be fairly engaging, at for me. | | Q |
| 11 | I liked how clear and fair the grading system was. | | Q |
| 12 | He cares about learning the material and making sure that we have the tools we need to succeed | | Ç |
| 13 | Given a lot of freedom to learn/navigate the content in our own way. | | Ç |
| 14 | Everything | | Ç |
| 15 | As a calculus course, the workload was incredibly easy. The pacing was good too. The class could be okay if worked by a good professor, but Brian England is no | ot one. | Q |
| | Question: What did you dislike about the course? Do you have any suggestions to improve the course? | | _ |
| Res | sponse Rate: 88.24% (15 of 17) | | |
| 1 | i wouldn't really want anything to change. | | Ç |
| 2 | When you get stuck you get stuck for three weeeks | | C |
| 3 | The location is very far from my other classes so I have to rush after the class. | | Ç |
| 4 | The assignments need to be on a better interface. If I get a question wrong, I want to know what I did wrong and how I might fix it | | Ç |
| 5 | Sometimes he moves fast and I struggle to understand what's going on but thats his teaching style so it's okay. | | Ç |
| 6 | Nothing | | Ç |
| 7 | Nothing really. | | Ç |
| 8 | It felt like it was difficult for the professor to gauge what content students needed more help with. I think there should be a way for the students to check in on they stand in understanding after each class, if that's helpful. | where | Ç |
| 9 | Instructor had too much of an ego and wouldn't accept something if he got it wrong. | | Ç |
| 10 | I thought the lectures were a bit disorganized at times, as some topics were skipped accidentally in our class. | | Ç |
| 11 | I rarely actually understand the mathematical content, I just hard to force it into my head, which was bad for retention and problem-solving. This has not been true any past math course I've taken, so I think the instructor should more carefully break down the math rather than repeatedly show examples of something I never understood in the first place. | | Ç |
| 12 | I don't like the fact that the book I book had hardly much to do with the course itself. I mean, besides from a few formulas needed from the book, everything else what we learn from the professor. | is | Ç |
| 13 | I do minorly dislike the fact that the instructor seems to embarrass students on purpose in class occasionally. On the first week of class, my friend was taking picture of the board as the professor had just written alot of formulas on it. He was reprimanded for that and told he needs to pay attention more and read the sand that if he did he would do better in this class. I totally understand the sentiment, but that seems just a tad overboard. | | Ç |
| 14 | I disliked that my professor would go on long rants talking about something in his life that, frankly, doesn't even pertain to math in the slightest. If he came into a bad mood one day, he would barely teach and basically rant the entire class. And god forbid someone take a picture, because then the entire class has to be re that pictures aren't allowed, even though maybe that kid just couldn't see anything. By the time I wanted to drop the class in exchange for a different teacher it w late, so I gave up on trying to learn the course from him and tried to apply myself directly to the material. | minded | |
| 15 | Brian England. This man needs an ego check and needs to be taught how to teach. | | Ç |
| | | | |
| | Faculty: Brian England | | |

Q

Response Rate: 70.59% (12 of 17)

1 Rigorous and extensive, he didn't leave out details.

| 2 | Not alot. | Q |
|-----|--|---|
| 3 | N/A | Q |
| 4 | I really liked how he went through the problem solving process. I already have a good grasp of calculus 1 subjects, but he helped me understand the crucial algebra a lot better. | Q |
| 5 | I liked the instructor's hard but fair approach to exams. Where he grades certain questions based on what you know and how to solve rather than getting the correct answer. I also liked the instructor's dry humor. | Q |
| 6 | I liked that he gave me the push I needed to realize that I have to do some things myself when life doesn't give you the opportunity to learn it form someone else. | Q |
| 7 | I liked how we had a lot of example problems worked through in lecture. | Q |
| 8 | He's an engineer who can explain it to students who are new to calc and can simplify the explanation and provide good examples | Q |
| 9 | He uses examples to help us understand material. | Q |
| 10 | He is very engaging | Q |
| 11 | He has clear understanding about what he is teaching and has great attitude towards his students. | Q |
| 12 | He genuinely cares about the students and wants them to succeed | Q |
| | | |
| | Faculty: Brian England | |
| Res | Question: What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction? sponse Rate: 70.59% (12 of 17) | |
| 1 | Wouldnt explain concepts, would just do the problems themselves and expect the class to understand. I took AB in highschool, got a 5 on the exam, and had a teacher who established an incredible foundation for calculus. If i hadnt taken that course before this one, I would have absolutely no idea what was going on. Zero explanations of concepts, zero explanation of the connection between concepts, and if you ever ask about it he says 'ask others'. He would do this thing where out of no where he would connect a problem/concept to a super high level math course, just to flex on 18 year olds that he can do thermodynamics or something, and confuse everyone. | Q |
| 2 | Too many examples as opposed to explanations. As someone who approaches mathematics through problem-solving, this style of learning didn't help me much. | Q |
| 3 | There were a lot of things that I disliked about the instructor that I talked about previously on the other questions. However I just want to say that I think I would have an A or B in the course if I had a different instructor who took the time to show the step by step processes of calculus, instead of brushing over the small details and focusing on the big things. If he had done that, I may have actually been able to understand what he was talking about. I have already taken a calculus course in high school, and my teacher was actually worse than him, but I still managed to learn more then than what I have in his class because he confused me so much, I actually started doing math wrong that I had previously done correctly. | Q |
| 4 | Nothing really I think he's a cool guy, you just have to put in the work | Q |
| 5 | Nothing in particular | Q |

Q

Q

Q

Q

Q

Q

6 Nothing I can think of.

11 He wakes up too early

I would suggest giving people more practice problems to really drill the concepts in lectures into people.

10 He works too fast for even skilled note takers. He is slightly condescending when explaining concepts to students

12 He does not give any extension for homework and also all his assignments are due on sundays.

I feel like some things were labeled as "intuitive," but it still would have helped to see the problem worked out in more than one example.

7 N/A