Course:	MAT 266 28187 - Calculus for Engineers II	**Department:**	CMATHSTAT
Responsible Faculty:	Erica Rutter	**Responses / Expected:**	20 / 37 (54.05%)
Focus:	**Overall Results**		

Overall Mean:

4.7 Grading   (39 responses)
4.7 5-Point Likert w/ Neutral   (259 responses)
4.1 Cum GPA   (17 responses)
3.9 Expected Grade   (19 responses)
1.3 Class Standing (Fr,So,Jr,Sr,Grad)   (20 responses)
1.1 Reason for course   (19 responses)
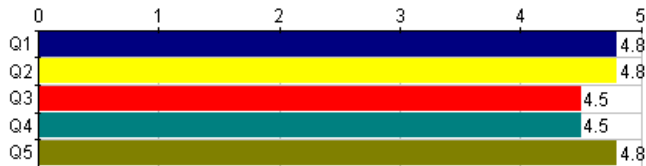
CMATHSTAT Course Questions	MAT 266 - 28187								
	Responses (%)					Course			
	SA	**A**	**N**	**D**	**SD**	**N**	**Mean**	**Med.**	**Std Dev**
Q1 Assignments and/or examinations promote learning	80%	20%	0	0	0	20	4.8	5	.40
Q2 Class sessions are well planned	75%	25%	0	0	0	20	4.8	5	.43
Q3 The pace and level of the course are appropriate	50%	45%	5%	0	0	20	4.5	4.5	.59
Q4 The course engages my interest	55%	40%	5%	0	0	20	4.5	5	.59
Q5 I learned something that I consider valuable	80%	15%	5%	0	0	20	4.8	5	.54

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

CMATHSTAT Course Questions	MAT 266 - 28187								
	Responses (%)					Course			
	A	**B**	**C**	**D**	**E**	**N**	**Mean**	**Med.**	**Std Dev**
Q6 Using A-E as grades, what is your overall rating of the course?	60%	40%	0	0	0	20	4.6	5	.49

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

| **Q7 - What did you like about the course?** |
|---|
| **Response Rate:** 55.00% (**11** of **20**) |

- nice pace
- Well paced
- The teacher was absolutely awesome. Despite the obvious relation that she wasn't training to be a teacher, she was super helpful and gave it her all. She was always there whenever someone needed help, was super passionate about math, and just overall had a great attitude in class that she put into the classroom.
- The course spent an appropriate amount of time for the content.
- The application of calculus in several different ways which connects to all the different courses in engineering.
- Professor was very kind and helpful. She answered questions in a way to help people understand.
- Math is my favorite subject, so I may have been biased toward liking it, but my professor Erica Rutter is awesome! She genuinely cares that students understand the material and is always available outside class for additional help. She has set class periods for review before exams and the examples she gives are extremely relevant!
- Integrals
- I feel like everything was very planned out and easy to apply.
- Erica Rutter was the best professor by far I have had at my stay at ASU so far. Everything taught was clearly explained and when asked to help, she always was eager to explain anything. All around great teacher.
- -

Q8 - What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate: 55.00% (**11** of **20**)

- nothing
- nope
- more worksheets just for practice

-	The really heavy workload. Not necessarily the webwork, but the time out of class that needs to be spent to understand the material.
-	The beginning of the course was crucial for learning other objectives later in the course. I feel like there should have been more emphasis on that.
-	Series and Sequences
-	N/A
-	Less homework assignments. Personally i think the class was fantastic besides the amount of homework. Other students may be okay with the workload this class gives however with all of the other classes i had and working 25 hours a week in order to pay rent, i found it hard to complete a lot of the assignments.
-	If you miss a day you pretty much will fail. It's not curved
-	I don't enjoy how some of the webwork doesn't apply to the tests or work. I understand that webwork is made to help you "think outside the box," but there are some problems that don't show up on tests at all (or at least their method of solving the problem doesn't). My advice for improving the course would be to make webwork problems based on examples that would help students prepare for the test without them knowing it! I do remember that the webwork problems that did pertain to the tests did help me remember steps on how to solve specific problems.
-	-
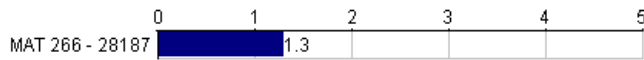
MAT 266 - 28187 ▮ 1.3 (scale 0-5)

CMATHSTAT Student Demographic Questions	MAT 266 - 28187								
	Responses (%)					Course			
	F	S	J	S	G	N	Mean	Med.	Std Dev
Q9 What is your current class standing?	80%	15%	5%	0	0	20	1.3	1	.54

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

MAT 266 - 28187 ▮ 4.1 (scale 0-5)

CMATHSTAT Student Demographic Questions	MAT 266 - 28187								
	Responses (%)					Course			
	3	3	2	2	B2	N	Mean	Med.	Std Dev
Q10 What is your current ASU GPA?	41.2%	35.3%	17.6%	5.9%	0	17	4.1	4	.90

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

MAT 266 - 28187 ▮ 3.9 (scale 0-5)

CMATHSTAT Student Demographic Questions	MAT 266 - 28187								
	Responses (%)					Course			
	A	B	C	D/E	O	N	Mean	Med.	Std Dev
Q11 What grade do you expect to earn for this course?	21.1%	52.6%	26.3%	0	0	19	3.9	4	.69

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

MAT 266 - 28187 ▮ 1.1 (scale 0-4)

CMATHSTAT Student Demographic Questions	MAT 266 - 28187							
	Responses (%)				Course			
	MR	RFC	GS	EGI	N	Mean	Med.	Std Dev
Q12 What requirement does this course meet for you?	94.7%	0	5.3%	0	19	1.1	1	.45

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)					Course			
	SA	A	N	D	SD	N	Mean	Med.	Std Dev
S1 General Course Questions	68%	29%	3%	0	0	100	4.7	5	.54
C2 CMATHSTAT Course Questions	**68%**	**29%**	**3%**	**0**	**0**	**100**	**4.7**	**5**	**.54**

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)					Course			
	A	B	C	D	E	N	Mean	Med.	Std Dev
C1 CMATHSTAT Course Questions	**60%**	**40%**	0	0	0	**20**	**4.6**	**5**	**.49**

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)					Course			
	F	S	J	S	G	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	**80%**	**15%**	**5%**	0	0	**20**	**1.3**	**1**	**.54**

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)					Course			
	3	3	2	2	B2	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	**41.2%**	**35.3%**	**17.6%**	**5.9%**	0	**17**	**4.1**	**4**	**.90**

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

Results Summary by Question Category/Sub-Category

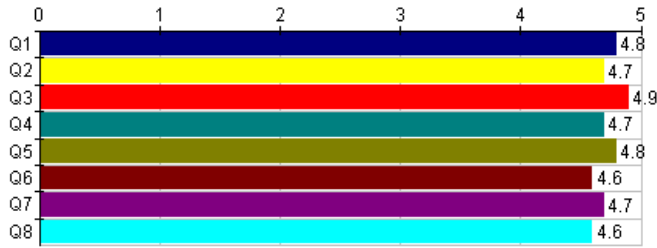| Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)					Course			
	A	B	C	D/E	O	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	**21.1%**	**52.6%**	**26.3%**	0	0	**19**	**3.9**	**4**	**.69**

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 28187								
	Responses (%)				Course			
	MR	RFC	GS	EGI	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	**94.7%**	0	**5.3%**	0	**19**	**1.1**	**1**	**.45**

Responses: [**MR**] Major Requirement=1 [**RFC**] Related Field Course=2 [**GS**] General Studies=3 [**EGI**] Elective (General Interst)=4
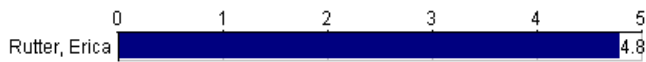
2161C - Spring 2016 - LA - CMATHSTAT - GENERAL Survey 2161C (2016)	Arizona State University UOEEE
Course: MAT 266 28187 - Calculus for Engineers II	**Department:** CMATHSTAT
Responsible Faculty: Erica Rutter	**Responses / Expected:** 20 / 37 (54.05%)
Overall Mean: **4.8** Grading (19 responses) **4.7** 5-Point Likert w/ Neutral (159 responses)	

CMATHSTAT Faculty Questions	Rutter, Erica								
	Responses (%)					Individual			
	SA	A	N	D	SD	N	Mean	Med.	Std Dev
Q1 The instructor's presentations are clear and understandable	80%	20%	0	0	0	20	4.8	5	.40
Q2 The Instructor makes clear what is expected of me in this course	80%	10%	10%	0	0	20	4.7	5	.64
Q3 I have confidence in the instructor's knowledge of the subject	90%	10%	0	0	0	20	4.9	5	.30
Q4 The instructor is helpful if the class has difficulty with the material	89.5%	5.3%	0	0	5.3%	19	4.7	5	.91
Q5 I feel welcome seeking help from the instructor	80%	15%	5%	0	0	20	4.8	5	.54
Q6 The instructor promotes effective class discussion	70%	20%	10%	0	0	20	4.6	5	.66
Q7 The instructor conveys enthusiasm about the course	75%	15%	10%	0	0	20	4.7	5	.65
Q8 The instructor's responses to written work are helpful	70%	20%	5%	5%	0	20	4.6	5	.80

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

CMATHSTAT Faculty Questions	Rutter, Erica								
	Responses (%)					Individual			
	A	B	C	D	E	N	Mean	Med.	Std Dev
Q9 Using A-E as grades, what is your overall rating of the instructor?	84.2%	15.8%	0	0	0	19	4.8	5	.36

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

Q10 - What did you like about the instructor or the method of instruction?
Faculty: Rutter, Erica
Response Rate: 50.00% (**10** of **20**)
- n/a
- She was very kind and helpful during class.
- She was always willing to help with questions and she went over most of the problems that we would face.
- She knew when people were having trouble and to what extent to cover a topic. She did'nt waste time when it came to instruction and focused heavily on the examples that we would see in the homework and exams.

-	She has great examples that are similar to what the exam will have. She does quizzes that test your knowledge while the course is still going, so it's like a checkpoint and sometimes they're group quizzes so you can learn from other people as well. They're mostly for attendance and they're easy points to get! She is very flexible about webwork and will make exceptions when students aren't yet familiar with certain parts. Great professor, awesome teacher.
-	Reviews in the beginning of classes helped with understanding material
-	Kind and would go in depth on the subject and help when asked.
-	Explained everything very in depth
-	Everything was well planned, very easy to understand when explained. Overall, a great instructor.
-	-

Q11 - What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction?

Faculty:	Rutter, Erica
Response Rate:	50.00% (**10** of **20**)

-	nothing
-	nothing
-	n/a
-	To be honest I do not have any. She had a great balance of group work, lecture, and examples.
-	There isn't anything I dislike about this course or instructor! Although, the classroom was pretty far from every thing else, but that may be inevitable.
-	Nothing.
-	NONE
-	I did not like the random quizzes during some classes.
-	Chapter 8 was the most confusing spend more time on that. Reduce the amount of webworks because it took up a lot of time
-	-

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Rutter, Erica								
	Responses (%)					Individual			
	SA	A	N	D	SD	N	Mean	Med.	Std Dev
S1 Course Related Faculty Questions	79.2%	14.5%	5%	0.6%	0.6%	159	4.7	5	.65
C2 **CMATHSTAT Faculty Questions**	**79.2%**	**14.5%**	**5%**	**0.6%**	**0.6%**	**159**	**4.7**	**5**	**.65**

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

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Rutter, Erica								
	Responses (%)					Individual			
	A	B	C	D	E	N	Mean	Med.	Std Dev
C1 **CMATHSTAT Faculty Questions**	**84.2%**	**15.8%**	**0**	**0**	**0**	**19**	**4.8**	**5**	**.36**

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