Course: MAT 266 72759 - Calculus for Engineers II	**Department:** CMATHSTAT
Responsible Faculty: Erica Rutter	**Responses / Expected:** 18 / 30 (60%)
Focus: **Overall Results**	

Overall Mean:
4.6 Cum GPA   (18 responses)
4.6 Grading   (35 responses)
4.6 5-Point Likert w/ Neutral   (232 responses)
4.0 Expected Grade   (18 responses)
1.4 Class Standing (Fr,So,Jr,Sr,Grad)   (17 responses)
1.0 Reason for course   (18 responses)

Graph Legend
■ MAT 266 - 72759
■ All Courses
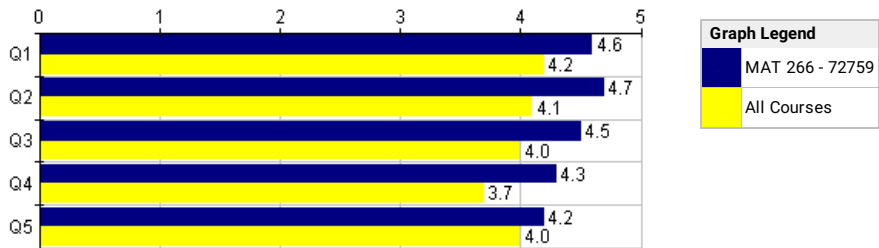
CMATHSTAT Course Questions	MAT 266 - 72759									--- Survey Comparisons ---		
	Responses (%)					Course				All		
	SA	A	N	D	SD	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q1 Assignments and/or examinations promote learning	61.1%	33.3%	5.6%	0	0	18	4.6	5	.60	**6K**	**4.2**	74
Q2 Class sessions are well planned	77.8%	16.7%	0	5.6%	0	18	4.7	5	.75	**6K**	**4.1**	81
Q3 The pace and level of the course are appropriate	61.1%	33.3%	0	5.6%	0	18	4.5	5	.76	**6K**	**4.0**	80
Q4 The course engages my interest	55.6%	22.2%	22.2%	0	0	18	4.3	5	.82	**6K**	**3.7**	80
Q5 I learned something that I consider valuable	55.6%	16.7%	22.2%	5.6%	0	18	4.2	5	.98	**6K**	**4.0**	57

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

MAT 266 - 72759 — 4.4
All Courses — 4.1

Graph Legend

■ (navy)	MAT 266 - 72759
■ (yellow)	All Courses

CMATHSTAT Course Questions	MAT 266 - 72759									--- Survey Comparisons ---		
	Responses (%)					Course				All		
	A	B	C	D	E	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q6 Using A-E as grades, what is your overall rating of the course?	61.1%	22.2%	16.7%	0	0	18	4.4	5	.76	6K	4.1	65

Responses: [A] A=5 [B] B=4 [C] C=3 [D] D=2 [E] E=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)
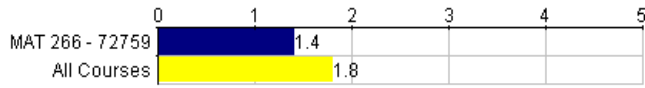

Q7 - What did you like about the course?

Response Rate: 72.22%   (**13** of **18**)

- teaching
- it was a relaxed environment that promoted discussion and open thinking
- interesting class & easy exam
- Well designed.
- There were no surprises and everything was planned
- The teacher was excited and effective
- The teacher was awesome and taught very well, and was very helpful to her students.
- The professor and her teaching style with examples.
- Teaching style and how interactive the entire class is.
- I liked how the overall lecture, homework, and exam were scheduled. Very good pace.
- I enjoyed that the class focused on teaching the subject day in and out. The information was presented in a clear and concise manner.
- How available the instructor was.
- Homework assignments were due in a timely manner and instructor was understanding.

Q8 - What did you dislike about the course? Do you have any suggestions to improve the course?

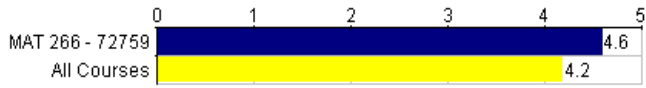**Response Rate:** 66.67%   (**12** of **18**)

- nothing
- Web work
- The webwork was too hard sometimes...I know homework should be harder than the test but if I can get A's and high B's on the tests I shouldn't be leaving webwork questions blank because they don't make sense
- The course material is really hard and sound probably be extended into two parts.
- The WebWork sometimes would be really hard but its doable.
- Seems there is too much content smashed into not enough time. One thing that could help on the time issue is the webworks. They are helpful for the most part but each one has a couple questions that go very in depth and are never seen in class or on the exams and I end up wasting much of my homework time tinkering with them. I preferred the book work as it proved to be much more relevant in preparing for tests.
- Pace, I think more time to go over material would be helpful for other students.
- No.
- No, everything is perfect!
- N/A
- I disliked the fact that there would be two types of homework. Webwork and written
- Having four tests instead of three would help make up for having an off test and make the class a little less stressful.

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          0    1    2    3    4    5
MAT 266 - 72759 ████████ 1.4
All Courses    ████████ 1.8
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Graph Legend

| ████ | MAT 266 - 72759 |
| ████ | All Courses |

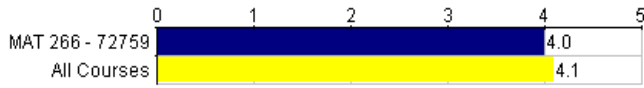| CMATHSTAT Student Demographic Questions	MAT 266 - 72759								--- Survey Comparisons ---		
	Responses (%)					Course			All		
	F	S	J	S	G	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q9 What is your current class standing?	64.7%	35.3%	0	0	0	17	1.4	1	.48	5.9K	1.8	29

Responses: [**F**] Freshman=1 [**S**] Sophomore=2 [**J**] Junior=3 [**S**] Senior=4 [**G**] Graduate=5
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

```
        0    1    2    3    4    5
MAT 266 - 72759 ████████████████ 4.6
All Courses     ██████████████ 4.2
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Graph Legend	
█ (navy)	MAT 266 - 72759
█ (yellow)	All Courses

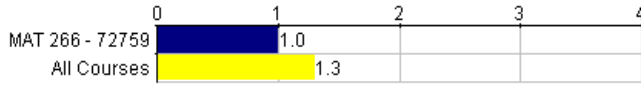| CMATHSTAT Student Demographic Questions		MAT 266 - 72759								--- Survey Comparisons ---		
		Responses (%)					Course			All		
		3	3	2	2	B2	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q10	What is your current ASU GPA?	61.1%	38.9%	0	0	0	18	4.6	5	.49	5.4K	4.2	80

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
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

```
        0    1    2    3    4    5
MAT 266 - 72759  ████████████████ 4.0
All Courses      ████████████████ 4.1
```

Graph Legend

██ (navy)	MAT 266 - 72759
██ (yellow)	All Courses

CMATHSTAT Student Demographic Questions	MAT 266 - 72759									--- Survey Comparisons ---		
	Responses (%)					Course				All		
	A	B	C	D/E	O	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q11 What grade do you expect to earn for this course?	38.9%	27.8%	27.8%	5.6%	0	18	4.0	4	.94	**6K**	**4.1**	36

Responses: [A] A=5 [B] B=4 [C] C=3 [D/E] D/E=2 [O] Other=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

| MAT 266 - 72759 | | | | |
| All Courses | | | | |

Graph Legend: MAT 266 - 72759, All Courses

CMATHSTAT Student Demographic Questions	MAT 266 - 72759								--- Survey Comparisons ---		
	Responses (%)				Course				All		
	MR	RFC	GS	EGI	N	Mean	Med.	Std Dev	N	Mean	Pct Rnk
Q12 What requirement does this course meet for you?	100%	0	0	0	18	1.0	1	0	6K	1.3	5

Responses: [MR] Major Requirement=1 [RFC] Related Field Course=2 [GS] General Studies=3 [EGI] Elective (General Interst)=4
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	MAT 266 - 72759								
	Responses (%)					Course			
	SA	A	N	D	SD	N	Mean	Med.	Std Dev
S1 General Course Questions	62.2%	24.4%	10%	3.3%	0	90	4.5	5	.81
C2 CMATHSTAT Course Questions	62.2%	24.4%	10%	3.3%	0	90	4.5	5	.81

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 - 72759								
	Responses (%)					Course			
	A	B	C	D	E	N	Mean	Med.	Std Dev
C1 CMATHSTAT Course Questions	61.1%	22.2%	16.7%	0	0	18	4.4	5	.76

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 - 72759								
	Responses (%)					Course			
	F	S	J	S	G	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	64.7%	35.3%	0	0	0	17	1.4	1	.48

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 - 72759								
	Responses (%)					Course			
	3	3	2	2	B2	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	61.1%	38.9%	0	0	0	18	4.6	5	.49

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 - 72759								
	Responses (%)					Course			
	A	B	C	D/E	O	N	Mean	Med.	Std Dev
C1 CMATHSTAT Student Demographic Questions	38.9%	27.8%	27.8%	5.6%	0	18	4.0	4	.94

**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 - 72759							
	Responses (%)				Course			
	MR	**RFC**	**GS**	**EGI**	**N**	**Mean**	Med.	Std Dev
C1 **CMATHSTAT Student Demographic Questions**	**100%**	0	0	0	**18**	**1.0**	**1**	**0**

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

Course:	MAT 266 72759 - Calculus for Engineers II	Department:	CMATHSTAT
Responsible Faculty:	Erica Rutter	Responses / Expected:	18 / 30 (60%)

Overall Mean:	**4.8** Grading (17 responses)
	4.6 5-Point Likert w/ Neutral (142 responses)
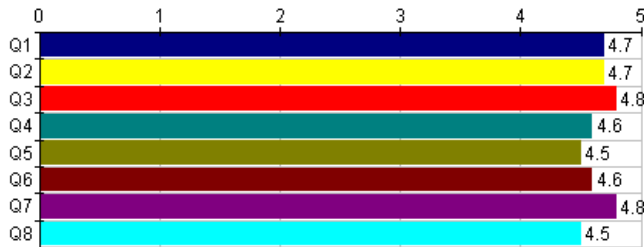
CMATHSTAT Faculty Questions	Rutter, Erica								
	Responses (%)					Individual			
	SA	A	N	D	SD	N	Mean	Med.	Std Dev
Q1 The instructor's presentations are clear and understandable	72.2%	22.2%	5.6%	0	0	18	4.7	5	.58
Q2 The Instructor makes clear what is expected of me in this course	72.2%	27.8%	0	0	0	18	4.7	5	.45
Q3 I have confidence in the instructor's knowledge of the subject	83.3%	16.7%	0	0	0	18	4.8	5	.37
Q4 The instructor is helpful if the class has difficulty with the material	66.7%	22.2%	11.1%	0	0	18	4.6	5	.68
Q5 I feel welcome seeking help from the instructor	55.6%	38.9%	5.6%	0	0	18	4.5	5	.60
Q6 The instructor promotes effective class discussion	66.7%	27.8%	5.6%	0	0	18	4.6	5	.59
Q7 The instructor conveys enthusiasm about the course	76.5%	23.5%	0	0	0	17	4.8	5	.42
Q8 The instructor's responses to written work are helpful	52.9%	47.1%	0	0	0	17	4.5	5	.50

Responses: [**SA**] Strongly Agree=5 [**A**] Agree=4 [**N**] Neutral=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1
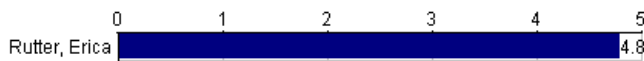
CMATHSTAT Faculty Questions	Rutter, Erica								
	Responses (%)					Individual			
	A	B	C	D	E	N	Mean	Med.	Std Dev
Q9 Using A-E as grades, what is your overall rating of the instructor?	76.5%	23.5%	0	0	0	17	4.8	5	.42

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:	72.22% (13 of 18)

- teaching
- clear & detailed
- She was always available for help.
- She teaches extremely clearly and has a happy personality which made it a fun class!
- She really enjoys and knows a lot about math
- She is very down to earth and knows the material well enough to were she is able to explain procedures simply.
- She is really awesome and obviously knows how to math.
- Ms. Rutter is a fantastic professor, and works to showcase the math students will need as engineers while bypassing the mathematical theory not needed from a strictly application-based perspective
- It was explained very well
- I really liked how clear and concise Erica was with the actual lectures and content. After a 4 year hiatus from all math, her organized teaching and clear voice brought back the many concepts I had once learned.
- I enjoyed that the teaching was work based and involved the solving of problems instead of just telling the theorem or question. The teacher was very energetic in class and wanted the students to learn. She made everything feel relaxed. The environment felt stress free and most of the students enjoyed each others company.
- Her use of examples and her review days
- Her teaching style was easy to follow and she was clearly enthusiastic and excited about what she was teaching, making the class far more enjoyable.

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

Faculty:	Rutter, Erica

-	nnn
-	Sometimes she moves too quickly and skips over a tough concept without explaining it well enough
-	Nothing
-	Nothing, she is great
-	No.
-	NOTHING
-	N/A
-	N/A
-	N/A
-	I have nothing to dislike about Erica.
-	At times some students wouldn't understand and she wouldn't return to it until the exam, which would be after the quizzes.

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	68.3%	28.2%	3.5%	0	0	142	4.6	5	.55
C2 CMATHSTAT Faculty Questions	**68.3%**	**28.2%**	**3.5%**	**0**	**0**	**142**	**4.6**	**5**	**.55**

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	**76.5%**	**23.5%**	**0**	**0**	**0**	**17**	**4.8**	**5**	**.42**

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