MATH 2310-102 Calculus III - Spring 2014

CGAS (20566)

INSTRUCTORS: Echeverria Echeverria, Mariano (me3qr)

Respondents: 11 / Enrollment: 20

acouding your discussion section)

~ ANSWER MATRICES ~

1. (Regarding your discussion section) I learned a lot in this discussion section.

~ QUESTIONS AND DETAILS ~

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
10	4.00	1.25	1 (10.00%)	0 (0.00%)	1 (10.00%)	4 (40.00%)	4 (40.00%)

Results for I	Mathematics	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
251	3.64	1.24	21 (8.37%)	31 (12.35%)	33 (13.15%)	98 (39.04%)	68 (27.09%)

2. (Regarding your discussion section) This discussion section helped me learn the course materials.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	102					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
10	4.30	0.67	0 (0.00%)	0 (0.00%)	1 (10.00%)	5 (50.00%)	4 (40.00%)

Results for I	Mathematics	Discussion Se	ections - Sprii	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
250	3.80	1.18	19 (7.60%)	22 (8.80%)	24 (9.60%)	111 (44.40%)	74 (29.60%)

3. (Regarding your discussion section) My background prepared me to take this course.

Question Type: Likert

contributed by Department of Mathematics

Results for	MATH-2310-1	102					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	4.09	0.70	0 (0.00%)	0 (0.00%)	2 (18.18%)	6 (54.55%)	3 (27.27%)

Results for I	Mathematics I	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
252	3.88	0.98	9 (3.57%)	19 (7.54%)	26 (10.32%)	136 (53.97%)	62 (24.60%)

4. (Regarding your discussion section) I enjoyed the discussion section.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	3.82	1.33	1 (9.09%)	1 (9.09%)	1 (9.09%)	4 (36.36%)	4 (36.36%)

Results for I	Mathematics	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
250	3.40	1.18	21 (8.40%)	37 (14.80%)	56 (22.40%)	92 (36.80%)	44 (17.60%)

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
5. (Regarding your discussion section)	Results for	MATH-2310-	102					
Rate the discussion section (A = Excellent to E = Very Poor).	Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
Question Type: Likert	11	4.09	1.14	5 (45.45%)	4 (36.36%)	0 (0.00%)	2 (18.18%)	0 (0.00%
contributed by Department of Mathematics	D 11 (D: : 0	. 0 .	0014	_	_	_
	Results for Total	Mathematics Mean	Std Dev	ections - Sprii A	ng, 2014 B	С	D	F
	Total	ivicari	Sid Dev	(5)	(4)	(3)	(2)	(1)
	251	4.00	1.02	95 (37.85%)	92 (36.65%)	39 (15.54%)	20 (7.97%)	5 (1.99%
6. (Regarding your teaching assistant)	Results for	MATH-2310-	102					
The teaching assistant showed a scholarly grasp of the course material.	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
Question Type: Likert	11	4.09	0.94	0 (0.00%)	1 (9.09%)	1 (9.09%)	5 (45.45%)	4 (36.36%
сонношей ву Берантені ој Матетанся	Results for	Mathematics	Discussion S	ections - Spri	na 2014			
	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
	251	4.26	0.85	3 (1.20%)	9 (3.59%)	20 (7.97%)	106 (42.23%)	113 (45.02%
7. (Regarding your teaching assistant)	Results for	MATH-2310-	102					
The teaching assistant was well prepared for class.	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
Question Type: Likert	11	4.09	0.94	0	1 (2.2221)	1 (2.2221)	5	4
contributed by Department of Mathematics				(0.00%)	(9.09%)	(9.09%)	(45.45%)	(36.36%
	Results for	Mathematics	Discussion S	ections - Sprii	ng, 2014			
	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
	251	4.03	1.09	11 (4.38%)	16 (6.37%)	32 (12.75%)	87 (34.66%)	105 (41.83%
8. (Regarding your teaching assistant)	Results for	MATH-2310-	102					
The teaching assistant was confident in front of the class.	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
Question Type: Likert	11	4.09	0.70	0 (0.00%)	0 (0.00%)	2 (18.18%)	6 (54.55%)	3 (27.27%
	Posulte for	Mathematics	Discussion S	actions - Spri	ng 2014	_	_	-
	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
	252	3.98	0.97	8 (3.17%)	10 (3.97%)	44 (17.46%)	108 (42.86%)	82 (32.54%
9. (Regarding your teaching assistant)	Posults for	MATH-2310-	102					
The teaching assistant made good use of examples and illustrations.	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree (5)
Question Type: Likert	11	3.82	1.08	0 (0.00%)	2 (18.18%)	1 (9.09%)	5 (45.45%)	3 (27.27%
contributed by Department of Mathematics						(3.03%)	(73.4370)	(21.217
			Discussion S			N- C : :	^	C:
	Total	Mean	Std Dev	Strongly Disagree	Disagree (2)	No Opinion (3)	Agree (4)	Strong Agree
				(1)				(5)

Strongly

Agree

(5)

(45.45%)

Strongly

Agree (5)

83 (33.20%)

Strongly

Agree (5)

(27.27%)

Strongly

Agree (5)

90

(36.00%)

Strongly

Agree (5)

6 (54.55%)

Strongly Agree (5)

104

(41.43%)

Strongly

Agree (5)

(36.36%)

Strongly

Agree (5)

(32.27%)

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~ 10. (Regarding your teaching assistant) Results for MATH-2310-102 The teaching assistant showed a genuine Agree (4) Std Dev No Opinion Total Mean Strongly Disagree interest in teaching the course. Disagree (2)(3) (1) Question Type: Likert 11 4.09 1.14 0 (0.00%)(18.18%) (0.00%)(36.36% contributed by Department of Mathematics Results for Mathematics Discussion Sections - Spring, 2014 Disagree (2) Agree (4) Total Std Dev Strongly No Opinion Mean Disagree (1) (3) 13 (5.20%) 250 3.96 1.01 40 105 (3.60%)(16.00%)(42.00%) 11. (Regarding your teaching assistant) Results for MATH-2310-102 The teaching assistant handled Total Mean Std Dev Strongly Disagree No Opinion Agree (4) questions well. Disagree (1) (3) Question Type: Likert 11 3.73 1.19 (0.00%)(27.27%)(0.00%)(45.45%) contributed by Department of Mathematics Results for Mathematics Discussion Sections - Spring, 2014 Disagree (2) Total Std Dev Strongly No Opinion Agree (4) Mean Disagree (1) (3) 250 4.00 1.03 106 21 26 (2.80%)(10.40%)(8.40%)(42.40%)12. (Regarding your teaching assistant) Results for MATH-2310-102 A positive environment was provided Total Mean Std Dev Strongly Disagree (1) Disagree (2) No Opinion Agree (4) for students' questions. (3)Question Type: Likert 5 (45<u>.45%)</u> 11 4.55 0.52 0 (0.00%) 0 (0.00%) 0 (0.00%) contributed by Department of Mathematics Results for Mathematics Discussion Sections - Spring, 2014 Agree (4) Std Dev Strongly No Opinion Total Mean Disagree Disagree (1) 251 4.24 0.82 116 (1.59%) (1.99%)(8.76%)(46.22%) 13. (Regarding your teaching assistant) Results for MATH-2310-102 Presentations were clear and well No Opinion (3) Strongly Disagree (2) Std Dev Agree (4) Total Mean organized. Disagree (1) Question Type: Likert 0 (0.00%) 11 4.27 0.65 (9.09%) (54.55% (0.00%)contributed by Department of Mathematics Results for Mathematics Discussion Sections - Spring, 2014 Disagree (2) Agree (4) Total Mean Std Dev Strongly No Opinion Disagree (1) (3) 251 3.84 1.11 20 46 92 (4.78%)(7.97%)(18.33%)(36.65%)14. (Regarding your teaching assistant) I could usually understand the teaching assistant's explanations.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	4.45	0.52	0	0	0	6 (54.55%)	5 (45.45%)

Results for I	Mathematics	Discussion Se	Results for Mathematics Discussion Sections - Spring, 2014										
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)						
251	4.05	1.08	10 (3.98%)	19 (7.57%)	23 (9.16%)	96 (38.25%)	103 (41.04%)						

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

15. (Regarding your teaching assistant) The teaching assistant seemed to be aware of whether the class was following the presentation.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	4.18	0.75	0 (0.00%)	0 (0.00%)	2 (18.18%)	5 (45.45%)	4 (36.36%)

Results for I	Mathematics	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
250	3.87	1.08	9 (3.60%)	22 (8.80%)	42 (16.80%)	96 (38.40%)	81 (32.40%)

16. (Regarding your teaching assistant) The teaching assistant was available outside of class for questions.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	102					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
10	4.30	0.82	0 (0.00%)	0 (0.00%)	2 (20.00%)	3 (30.00%)	5 (50.00%)

Results for I	Total Mean Std Dev Strongly Disagree (1) Disagree (2) No Opinion Agree (5) Strongly Agree (5)									
Total	Mean	Std Dev					Agree			
246	4.11	0.83	3 (1.22%)	5 (2.03%)	40 (16.26%)	111 (45.12%)	87 (35.37%)			

17. (Regarding your teaching assistant) Rate the teaching assistant (A = Excellent to E = Very Poor).

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
10	4.30	1.06	6 (60,00%)	2 (20,00%)	1 (10.00%)	1 (10.00%)	0 (0.00%)

Results for I	Mathematics I	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	A (5)	B (4)	C (3)	D (2)	F (1)
251	4.20	0.94	118 (47.01%)	83 (33.07%)	37 (14.74%)	8 (3.19%)	5 (1.99%)

18. (Regarding the homework and/or quizzes) The homework was a fair measure of the course material.

Question Type: Likert ~ contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	3.82	0.98	0 (0.00%)	2 (18 18%)	0 (0.00%)	7 (63 64%)	2 (18 18%)

Results for	Mathematics	Discussion So	ections - Sprii	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
249	3.96	0.87	1 (0.40%)	22 (8.84%)	28 (11.24%)	133 (53.41%)	65 (26.10%)

19. (Regarding the homework and/or quizzes) The quizzes were a fair measure of the course material.

Question Type: Likert

contributed by Department of Mathematics

Results for I	MATH-2310-1	02					
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
11	4.45	0.52	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (54.55%)	5 (45.45%)

Results for I	Mathematics I	Discussion Se	ections - Sprir	ng, 2014			
Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
252	4.00	0.94	6 (2.38%)	15 (5.95%)	30 (11.90%)	123 (48.81%)	78 (30.95%)

~ QUESTIONS AND DETAILS ~				~ ANSWER I	MATRICES ~			
20. (Regarding the homework and/or	Results for	MAT <u>H-2310</u> -	102					
quizzes) Graded work was scored and returned promptly:	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
Question Type: Likert	11	4.45	0.52	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (54.55%	5
contributed by Department of Mathematics						(0.0070)	(04.007)	5) (40.4070
				Sections - Sprin	,	No Oninio	A	Otaza az ada
	Total	Mean	Std Dev	Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
	251	3.95	1.20	20 (7.97%)	18 (7.17%)	13 (5.18%)	103 (41.04%	97 (38.65%
21. (Regarding the homework and/or	Results for	MATH 2210	102					
quizzes) The grading was consistent and fair.	Total	Mean	Std Dev	Strongly Disagree	Disagree (2)	No Opinion (3)	Agree (4)	Agree
Question Type: Likert	11	4.09	1.14	(1)	0	0	6	(5)
contributed by Department of Mathematics	5 " (5	(9.09%)	(0.00%)	(0.00%)	(54.55%	S) (36.36%
	Total	Mean	Std Dev	Sections - Sprii Strongly Disagree (1)	Disagree (2)	No Opinion (3)	Agree (4)	Strongly Agree (5)
	252	4.17	0.90	6 (2.38%)	10 (3.97%)	18 (7.14%)	118 (46.83%	100
22 (December very effect) On evenes								
22. (Regarding your effort) On average, I spend approximately the following number of hours (outside of class	Results for Total	0-2	hours NA)	3-4 hours (NA)	5-6 hour		nours !	9 or more hou (NA)
meetings) per week working on this course:	10	ì	4 .00%)	3 (30.00%)	1 (10.00%		2 (00%)	0 (0.00%)
Question Type: Multiple Choice								
contributed by Department of Mathematics	Results for Total		hours	Sections - Sprii 3-4 hours	ng, 2014 5-6 hour	. 701	nours	9 or more hou
controlled by Department of Mainematics	250	1)	NA)	(NA)	(NA)	(N	IA)	(NA)
	250		.00%)	71 (28.40%)	(14.80%		30%)	10 (4.00%)
23. (Regarding your discussion section)	Results for	MATH-2310-	102					
Your comments on the discussion	Total			l	Individual An	swers		
section:	3			See be	low for Indivi	dual Results		
Question Type: Short Answer contributed by Department of Mathematics								
	Mariano wa	as great.						
	This was p	robably the r	nost helpful	discussion sect	ion that I hav	e ever experie	enced.	
	A fine addi	tion to the co	re class. hel	ps solidify unde	erstanding of	the material.		
24. (Regarding your teaching assistant) Your comments on the teaching	Results for	MATH-2310-	102		la distala 1.0			
assistant:	Total 7				Individual And Blow for Indivi			
Question Type: Short Answer	/			See be	NOW IOI ITIGIVI	duai Results		
contributed by Department of Mathematics								
	Mariano wa because he	as the best T e is one of th	A I have eve e greatest, f	er learned from. riendliest, and s	I really hope smartest men	he becomes I have ever n	a math tea net.	acher one day
	He has a future in teaching for sure. One of the smartest guys I've ever met.							
	His teaching style was inefficient. He spent too much time going over basic concepts and things we already knew.							
	Mariano wa as well as	as a very app the course its	oroachable T self.	A who genuine	ly seemed in	terested in bo	th teaching	g the students

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
	He is smar	t but he does	sn't get to th	e point when ex	plaining an e	xample		
	Hes a grea	it guy, strong	accent, bu	t understandable	e. Very knowl	edgeable.		
	The TA wa	s not very he	elpful; he mo	oved so very slo	wly on all of t	he examples		
		•	•	•	·	•		
25. The average number of hours per	Results for	MATH-2310-	102					
week I spent outside of class preparing for this course was:	Total		than 1 NA)	1 - 3 (NA)	4 - 6 (NA)		- 9 IA)	10 or more (NA)
Question Type: Multiple Choice	11		2 18%)	5 (45.45%)	3 (27.27%)		1)9%)	0 (0.00%)
contributed by Office of the Provost	Results for	Mathematics	Discussion	Sections - Sprii	ng, 2014			
	Total	Less	than 1 NA)	1 - 3 (NA)	4 - 6 (NA)		- 9 IA)	10 or more (NA)
	249		41 .47%)	115 (46.18%)	61 (24.50%)	2	25 04%)	7 (2.81%)
26. I learned a great deal in this course.	Results for		,	· ,		· ·		,
Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	11	3.91	0.70	2 (18.18%)	6 (54.55%)	3 (27.27%)	0 (0.00%)	0 (0.00%)
	Results for	Mathematics	Discussion	Sections - Sprii	ng, 2014			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	247	3.81	1.00	57 (23.08%)	123 (49.80%)	40 (16.19%)	17 (6.88%)	10 (4.05%)
27. Overall, this was a worthwhile	Results for	MATH-2310-	102					
course. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	11	3.91	1.04	3 (27.27%)	6 (54.55%)	0 (0.00%)	2 (18.18%)	0 (0.00%)
	Results for	Mathematics	Discussion	Sections - Sprii	ng, 2014			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	247	3.75	1.07	61 (24.70%)	110 (44.53%)	42 (17.00%)	22 (8.91%)	12 (4.86%)
28. The course's goals and requirements	Results for	MATH-2310-	102, Echev	erria Echeverria	, Mariano			
were defined and adhered to by the instructor.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert	11	4.18	0.87	5 (45.45%)	3 (27.27%)	3 (27.27%)	0 (0.00%)	0 (0.00%)
	Results for	Mathematics	Discussion	Sections - Sprii	ng, 2014			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	250	4.09	0.93	93 (37.20%)	108 (43.20%)	34 (13.60%)	9 (3.60%)	6 (2.40%)

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
29. The instructor was approachable	Results for I	MATH-2310-	102, Echever	ria Echeverria	, Mariano			
and made himself/herself available to students outside the classroom.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert contributed by Office of the Provost	11	4.27	0.90	5 (45.45%)	5 (45.45%)	0 (0.00%)	1 (9.09%)	0 (0.00%)
	Results for I	Mathematics	Discussion S	ections - Spri	na 2014			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	249	4.18	0.77	94 (37.75%)	111 (44.58%)	38 (15.26%)	6 (2.41%)	0 (0.00%)
30. Overall, the instructor was an	Populto for I	MATH 2210	102 Echavor	ria Echeverria	Mariana			
effective teacher. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	11	4.18	0.98	5 (45.45%)	4 (36.36%)	1 (9.09%)	1 (9.09%)	(0.00%)
	Results for I	Mathematics	Discussion S	ections - Sprii	ng, 2014	_	_	
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	249	3.93	1.05	85 (34.14%)	99 (39.76%)	35 (14.06%)	23 (9.24%)	7 (2.81%)
31. Please make any overall comments	Results for I	MATH-2310-	102					
or observations about this course:	Total				Individual Ans	swers		
Question Type: Short Answer	4			See be	low for Indivi	dual Results		
contributed by Office of the Provost		!						
	Loved ever	A good addition to the core class to strengthen understanding. Loved everything except webwork sucks He was particularly helpful before the example This course advanced my knowledge a lot.						