Math 41 and 241 Course Syllabus De Anza College Fall 2017

Instructor: Usha Ganeshalingam Office: S76B

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Office Hours: M,Th,F 9-9:30 am in S76B or by appointment

Tu, Th 4-5 pm by email

Meets: Mon-Thurs 11:30 am -1:20 pm

Mon, Wed 11:30am-12:20pm (S45), Mon, Wed 12:30pm-1:20pm (S42)

Tues, Thurs 11:30am-1:20pm (S45)

Student Learning Outcomes:

(1) Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

(2) Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

Text: Precalculus with Limits; 3^{rd} edition, by Larson.

Prerequisites: Mathematics 114 or equivalent (with a grade C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

Calculator: A graphing calculator is strongly recommended for this class. I recommend a TI-83, TI-83 plus or TI-84. Cell phone calculators are not allowed during quizzes or exams.

Software: All homework will be done online using WebAssign. You will need to register at *www.webassign.net* to use this internet-based software. You will need the class key given below in order to self register.

class key: deanza 1686 7785

If you purchase the textbook through the De Anza bookstore, you will get an access code bundled with the book. You will need to enter this access code in order to use WebAssign past the two week grace period. Otherwise, you will need to purchase online access to use WebAssign which you can do through the WebAssign website with a debit or credit card.

Attendance: You are expected to attend every lecture. You may be

dropped from the class if you miss any classes during the first 2 weeks of the quarter.

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. An exam or quiz grade will result in a 0 score for any student that is found cheating.

Classroom Behavior: Turn off and put away cell phones and other devices during class. No private conversations or disruptive behavior during class. Students disrupting class may be asked to leave.

Standards of Work:

• When needed, correct answers must be supported by correct work in order to receive credit. Even if your final answer is correct, you may lose credit if the instructor cannot read or understand your work, or if necessary steps are missing.

Grading:

Exams	44%
Homework	14%
Group Quizzes	16%
Classwork	4%
Final	22%

Grade Breakdown:

A+: 97-100%	B+:87-88%	C+: 77-78%	D: 62-66%
A: 92-96%	B: 82-86%	C: 69-76%	D-: 60-61%
A-: 89-91%	B-: 79-81%	D+: 67-68%	F: < 60%

Exams: There will be 4 in class exams. Each exam is worth 11% of your total grade. They will be closed book and closed notes. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the corresponding portion of your final grade.

Homework: Homework assignments will be submitted via WebAsign for every section that we cover in class. Each homework assignment is worth the same amount for a total of 14% of your total grade. All homework must

be submitted by 11:00am on the due date.

Group Quizzes: There will be 5 group quizzes throughout the quarter (16% total). They will last approximately 60 minutes. You are allowed to work with up to 2 other people during the group quiz. You must submit your own quiz. You are only allowed to use a writing utensil, eraser, and graphing calculator. You may not make up a quiz after it has been administered, but you may take a quiz early if allowed by the instructor. The lowest group quiz will be dropped; however, you are not allowed to drop a quiz in which you cheat.

Classwork: There will be 11 classwork assignments (4% total). Each Tuesday, you will complete a classwork assignment covering problems from the most recently covered sections in the course. Credit will be based on completion of the assignment.

Math 241: Math 241 the co-requisite class is meant to provide extra support through additional class time. We will use the second half of class to reinforce material through different methods. On Mondays and Wednesdays we will be in S42 (computer lab)during the second half of class and will use that time to provide homework help. On Tuesdays and Thursdays the second half of class will either be used for classwork, or there will be a quiz or exam on that day. You can check the course calendar for tentative details.

Final Exam: The final exam will be comprehensive and will be given on Monday, $December\ 11^{th}$ from 11:30am -1:30 p.m.

Important Dates:

- The last day to add classes is Saturday, October 7^{th} .
- The last day to drop for a full refund is Sunday, October 8^{th} .
- The last day to drop classes with no record of a grade is Sunday, October 8^{th} .
- The last day to drop with a "W" is Friday, November 17^{th} .

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep
	Introduction	A5	A6	1.2	
			7.0		
1		CW #1		CW #2	
	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct
					0-001
	1.3	1.4	1.5	1.5	
2		CW #3		Group Quiz #1 (A5,A6,1.2,1.3)	
				HW due (A5,A6,1.2,1.3)	
	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct
	1.6	1.7	Exam #1 Review	1.8	
3		CW #4		Exam #1 (A5-1.6)	
•		CW #4		, ,	
	16-Oct	17-Oct	18-Oct	HW due(1.4,1.5,1.6)	20-Oct
					20-061
	1.8	1.9	1.10	1.10	
4		CW #5		Group Quiz #2 (1.7,1.8)	
				HW due(1.7,1.8)	
	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct
	2.1	2.2	Exam #2 Review	Exam #2 (1.7-1.10)	
5		CW #6		HW due(1.9,1.10)	
,		CVV #0		11W due(1.9, 1.10)	
	30-Oct	31-Oct	1-Nov	2-Nov	3-Nov
					0 1101
	2.3	2.3	2.5	2.5	
6		CW #7		Group Quiz #3 (2.1,2.2)	
				HW due(2.1,2.2)	
	6-Nov	7-Nov	8-Nov	9-Nov	10-Nov
	2.6	2.7	Exam #3 Review	3.1	Veteran's Day
7		CW #8		Exam #3 (2.1-2.5)	No Class
				HW due(2.3,2.5)	
	13-Nov	14-Nov	15-Nov	116-Nov	17-Nov
	3.1	3.2	3.2	3.3	
	3.7		5.2		
8		CW #9		Group Quiz #4 (2.6,2.7)	
				HW due(2.6,2.7)	
	20-Nov	21-Nov	22-Nov	23-Nov	24-Nov
	3.4	3.4	3.5	Thanksgivin	g Holiday
9		CW #10		No	Classes
	27-Nov	28-Nov	29-Nov	30-Nov	1-Dec
	Exam #4 Review	10.2	10.2	10.3	
10		Exam #4(2.6-3.3)		CW #11	
10				CW#II	
	4-Dec	HW due(3.1-3.3) 5-Dec	6-Dec	7-Dec	8-Dec
	10.4	10.4	Final Review	Final Review	HW due(3.4,3.5,10.2)
11		Group Quiz #5 (3.4,3.5,10.2)			
	11-Dec	12-Dec	13-Dec	14-Dec	15-Dec
	Final Exam				
12	11:30am-1:30pm				
	HW due (10.3,10.4)				1