Math 41 Course Syllabus
De Anza College
Winter 2016

Instructor: Usha Ganeshalingam   **Office:** S76B
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Office Hours: M,Th 12:30-1:10 pm in S76B
          Tu, Th 4-5 pm by email

Meets: M-F 11:30 am -12:20 pm in E34.

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: <u>Precalculus with Limits</u>; 3rd 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 scientific calculator is required for this course. A graphing calculus is recommended, but not required. **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.

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class key: deanza 5043 1460

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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 or quiz. 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 course grade of F may be given for any of the above infractions.

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.

Students with Disabilites: If you feel that you may need accommodations due to a disability, you should contact me privately to speak about your needs. Also, please contact Disability Support Services (864-8753) for more information about eligibility, services, and accommodations.

Grading:

Exams	300 Points
Homework	50 Points
Quizzes	100 Points
Final	120 Points
Total	**570 Points**

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 3 in class exams. Each exam is worth 100 points. 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. Generally, assignments will be based on what was covered during a given week, and will be due the following week. See the course calendar for tentative due dates. All homework must be submitted by 11:30 am on the due date. There will be a total of 10 homework assignments, with each assignment worth 5 points.

Quizzes: There will 6 in-class quizzes. Each quiz is worth 20 points. No make-ups will be allowed. In general, quizzes will be given the same day a homework assignment is due, and will cover the same material as the homework assignment. See the course calendar for tentative quiz dates. At the end of the quarter, your lowest quiz score will be dropped.

Final Exam: The final exam will be comprehensive and will be given on *Monday, March* 21st from 11:30am -1:30 p.m.

Important Dates:
- The last day to add classes is Saturday, January 16th.
- The last day to drop for a full refund is Sunday, January 17th.
- The last day to drop classes with no record of a grade is Monday, January 18th.
- The last day to drop with a "W" is Friday, February 26th.

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	4-Jan Intro	5-Jan A5	6-Jan A6	7-Jan 1.2	8-Jan 1.2
2	11-Jan 1.3 *Quiz 1(A5,A6,1.2)* HW 1 due	12-Jan 1.3	13-Jan 1.4	14-Jan 1.4/1.5	15-Jan 1.5
3	18-Jan ***Martin Luther King's Birthday*** ***No Class***	19-Jan 1.6 *Quiz 2(1.3-1.5)* HW 2 due	20-Jan 1.6	21-Jan 1.7	22-Jan 1.7
4	25-Jan 1.8 *Exam Review*	26-Jan ***Exam 1(A5,A6,1.2-1.7)*** HW 3 due	27-Jan 1.8	28-Jan 1.9	29-Jan 1.9
5	1-Feb 1.10 *Quiz 3(1.8-1.9)* HW 4 due	2-Feb 1.10	3-Feb 2.1	4-Feb 2.1	5-Feb 2.2
6	8-Feb 2.2 *Quiz 4(1.1.0,2.1)* HW 5 due	9-Feb 2.2/2.3	10-Feb 2.3	11-Feb 2.4	12-Feb ***Presidents' Day Weekend*** ***No Classes***
7	15-Feb ***Presidents' Day Weekend*** ***No Classes***	16-Feb 2.5 *Exam Review*	17-Feb ***Exam 2(1.8-2.4)*** HW 6 due	18-Feb 2.5	19-Feb 2.5
8	22-Feb 2.6	23-Feb 2.6	24-Feb 2.7	25-Feb 2.7	26-Feb 3.1
9	29-Feb 3.1 *Quiz 5 (2.5-2.7)* HW 7 due	1-Mar 3.2	2-Mar 3.2	3-Mar 3.3	4-Mar 3.3
10	7-Mar 3.4 *Exam Review*	8-Mar ***Exam 3(2.5-3.3)*** HW 8 due	9-Mar 3.4/3.5	10-Mar 3.5	11-Mar 10.2
11	14-Mar 10.3 *Quiz 6(3.4-3.5,10.2)* HW 9 due	15-Mar 10.3	16-Mar 10.4	17-Mar 10.4	18-Mar *Final Review*
12	21-Mar ***Final Exam*** ***11:30am-1:30pm*** HW 10 due	22-Mar	23-Mar	24-Mar	25-Mar