DeAnza College

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Math 41 - 22 MW 01:30 PM - 03:45 PM, Room G7, CRN 23740
Office Hours: MTTh 12:30 – 1:30 pm, Wednesday 1:30 – 2:30 pm
Precalculus I: Theory of Functions

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

Course Description: Polynomial, rational, exponential and logarithmic functions, graphs, solving equations, conic sections.

Textbook: Precalculus with Limits; 3rd edition, by Ron Larson.

Calculator: A non- graphical calculator is required for this class. 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 by me in order to self-register. Class Key: **deanza 1480 3672**

Tutoring Services: The De Anza campus has a tutorial center for math students where students can get "drop in" help. Students can also register to have a regular, assigned tutor for help throughout a quarter. The tutoring center is located in room S-43.

Student Conduct: Do not cheat. If you have a question during a test, you are only allowed to talk to the instructor. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division. You can be expelled from the class and possibly from De Anza College with a grade of F if you are caught cheating.

Classroom Behavior: Please show courtesy for me and your fellow classmates by turning off and putting away your cell phone during class time, especially during exams. Please do not take calls or text message during class. Do not talk while fellow classmates or I are talking. If you have any type of learning disability, please let me know during the first week of classes so that special arrangements can be made, if necessary.

Student Learning Objectives:

(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.

Time Management: You should expect to spend at least 2 hours outside of the classroom for every 1 hour inside the classroom. This time outside of the classroom may include homework, reviewing notes, studying, and attending office hours. If you want to be successful in this class you will need to put time and effort into it.

Attendance: Students are expected to attend every class meeting. Make sure you sign the attendance roster at each class meeting. If you miss a day, it is solely your responsibility to seek out another student or myself to find out what you missed. You cannot expect to do well in the class if you fail to attend lectures.

Homework: Homework will be assigned every class meeting online and will have a due date. All homework must be submitted by 11:59PM on the due date. You must set up an account by Friday, September 30, 2016 or you will be dropped from the class**.** If you have a homework problem you were not able to complete, you have the next class session to ask by putting the problem on the board. 30% will be deducted from late homework. However, at the end of the quarter your lowest homework score will be dropped. Homework will count for 13% of your term grade.

Quizzes: There will be a quiz every week. Each quiz will be assigned online or in-class intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-up quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 12% of your grade.

Midterms: I will give three in class exams during the quarter. No notes will be allowed on any exams. These exams will be completed in class and will contain the materials covered in the lectures, online, and in the book. If you are unable to take an exam for any reason, **a makeup exam will not be given**. In the case of a documented emergency, I will replace a missing exam score with your final exam score. These exams will count for 50% of your term grade.

Final Examination: If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Monday, December 12 from 01:45 pm - 03:45 pm.** This test will count for 25% of your term grade.

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%

Important Dates:

- The last day to add classes is Saturday, October 8.
- The last day to drop for a full refund no record of grade is Sunday, October 9.
- The last day to request pass/no pass grade is Friday, October 14.
- The last day to drop with a "W" is Friday, November 18.

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Tentative Schedule for Math 41, Fall 2016

Week	Monday	Wednesday
1	September 26 Syllabus A.2	September 28 A.3, A.4
2	October 3 A.5, A.6	October 5 Section 1.1, 1.2
3	October 10 Section 1.3, 1.4	October 12 Section 1.5, 1.6
4	October 17 Section 1.7, 1.8	October 19 Section 1.9, 1.10
5	October 24 Review **Exam 1**	October 26 Section 2.1, 2.2
6	October 31 Section 2.3, 2.4	November 2 Section 2.5
7	November 7 Section 2.6	November 9 Section 2.7
8	November 14 Review **Exam 2**	November 16 Section 3.1, 3.2
9	November 21 Section 3.3, 3.4	November 23 Section 3.5, 10.2
10	November 28 Section 10.3	November 30 Review **Exam 3**
11	December 5 Section 10.4	December 7 Final Review
12	December 12 **Final Exam** **1:45 - 3:45 p.m.**	December 14 No class

This syllabus is subject to change at the instructor's discretion.

"It's not that I'm so smart, it's just that I stay with problems longer."

–Albert Einstein