

Class Location: MQ-2A

Instructor: Shabeena Ahmed

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Class Time: MTWThF 10:30AM-11:20AM

Office Location: E37

Office Hours: MTWTh 11:30AM-12:20PM

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

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.

Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Required Text: **Precalculus with Limits**, 3rd Edition, Larson, Ron et.al, Brooks/Cole

Chapters: 1, 2, 3, & 10

Class Canvas Website: <https://deanza.instructure.com/>

Calculator: A graphing calculator is required, which should be brought to class daily. A TI-84+ is recommended. TI-89 and TI-Nspire are NOT allowed.

Grading: Grading will be determined from

Class Work/Quizzes – 10%

Written Homework – 10%

3 Midterms - 15% each

Final - 35%

Grading Scale: 90-100% = A, 80-89% = B, 70-79% = C, 55-69% = D, below 55% = F. The scale might change depending on the difficulty of an exam. You have to get a passing grade for each component of grading to pass the course.

Class Work/Quizzes: All handouts posted on Canvas needs to be printed and brought to class. Work will be assigned in class and may be completed in groups. The completed handouts posted on Canvas along with any other assigned classwork have to be submitted on the days of the midterms. That will account for 5% of the grade. Another 5% will be determined from in-class quizzes, which may be either announced or unannounced. Quiz points will be lost and cannot be made up, if you are absent from class.

Homework: Written HW will be assigned almost every class and due dates will be posted on Canvas. HW assigned on a day will be due one class after that day (eg. HW of Mon will be due on Wed). NO late HW will be accepted and two lowest scores will be dropped to take care of any emergencies. HW has to be submitted in neat handwriting, stapled in the corner, and each assignment beginning on a new page. HW will be graded on completeness. To receive full credit you must show all steps. It is expected that you spend at least 1-2 hours of doing HW for every class. A few minutes in the beginning of the class will be spent to discuss HW.

Midterms/Final: There will be three midterms and one final exam. The *tentative* dates for the midterms are Jan 26th, Feb 23rd, & Mar 16th (it is your responsibility to stay informed of any changes). The Final is on Thursday, March 29th, 9:15-11:15 AM at MQ-2A. There will be **NO** make-up exams. In your exam paper, box answers so that it stands out from the work. You must show all steps to get full credit.

Prepare for exams early: Start studying for exams several days early. Understand and have a complete grasp of a concept early on. Students who work on a regular basis and don't let work pile up are more likely to succeed on exams. Don't wait until you're drowning to ask for help! Students are encouraged to visit me during my office hours for help.

Math Tutorial Center: (S-43) has FREE TUTORING and drop in tutoring. Ask in the Tutorial Center about the availability of individual tutoring.

Classroom Expectations: The use of cell phones and other electronic items are not allowed during class. Cell phones must be turned OFF. Do not walk in and out of classroom. It is expected that students are respectful and contribute to a learning environment in the classroom.

Add/Drop Policy: It is the responsibility of the student to withdraw from a class prior to the published deadline in order to insure that a penalty grade will not be awarded.

Cheating Policy: A student caught cheating will receive 0% for that exam or assignment. Cheating includes, but is not limited to: using unauthorized notes, books or formulas during an exam, sharing calculators, looking at another student's exam or allowing another student to look at your exam or copying homework solutions. A student who is caught cheating repeatedly will receive an F for the course.

Accommodations: Please see me during office hours to discuss your situation confidentially if you have accommodations; you should see me during the first week of class or as soon as you receive approval from the appropriate support service. For information about eligibility, support services or accommodations due to physical or learning disability see:

- Disability Support Service (DSS): Location: SCS-141 (408) 864-8753; TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Location: LCW 110; (408) 864-8839
- Special Education Division: (408) 864-8407, www.deanza.edu/specialed

Syllabus disclaimer: The instructor may make changes to the syllabus during the quarter. Students will be notified of the changes either in class or via email.

Important Dates:

Jan 08, Mon	Classes begin
Jan 15, Mon	Holiday: Observance of Martin Luther King's Birthday
Jan 20, Sat	Last day to ADD
Jan 21, Sun	Last day to DROP for a full refund or credit/with no record of grade
Jan 26, Fri	Midterm I
Feb 02, Fri	Last day to request pass/no pass grade
Feb 16-19, Fri – Mon	Holiday: Presidents' Day Weekend
Feb 23, Fri	Midterm II
Mar 02, Fri	Last day to drop with a "W"
Mar 16, Fri	Midterm III
Mar 23, Fri	Classes end
Mar 29, Thursday	Final Exam 9:15-11:15 AM at MQ-2A

Student Learning Outcome(s):

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

*Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.