

Class Location: MLC260

Instructor: Shabeena Ahmed

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Class Time: MW 04:00 PM - 06:15 PM

Office Location: TBA

Office Hours: MW 3:15PM – 3:45PM

Course Description: Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Student Learning Outcomes (SLOs):

- Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.
- Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.
- Demonstrate an appreciation and awareness of applications in their daily lives.

Prerequisite: Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or MATH 210 or equivalent with a grade of C or better. **Advisory:** EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Required Text: **Intermediate Algebra**, 7th Edition, Blitzer, Pearson, ISBN-13: 978-0-13-417894-3

Sections: 1.1-1.6, 2.1-2.5, 3.1-3.2, 4.1, 4.4, 5.1-5.7, 7.1, 7.7, 8.1-8.3

Class Canvas Website: [TBA](#)

Required Calculator: Scientific, non-graphing calculator, recommended is the TI-30X

Grading: Grading will be determined from

Class Work/Participation/Quizzes – 10%

Written Homework – 10%

3 Midterms - 20% each

Final - 20%

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/Participation/Quizzes: 5% of the grade will be determined from class work/participation. Class work will be assigned in class and has to be completed in groups of 4 members. While classwork has to be completed in groups, they need to be submitted individually. Members will receive individual grades for the classwork. Another 5% will be determined from Quizzes, which may be either announced or unannounced. These points will be lost and cannot be made up, if you are absent from class. All handouts sent via email needs to be printed and brought to class.

Homework: Written Homework will be assigned almost every class. Each assignment & due date will be generally given at the end of handouts. Homework assigned on a day will be due one class after that day (eg. homework assigned on Monday will be due on Monday of the following week). NO late homework will be accepted and two lowest scores will be dropped to take care of any emergencies. Written homework has to be submitted in handwriting. Selected problems will be graded on correctness and the remaining will be graded on completeness. To receive full credit you must show all your steps on each problem for the written homework.

Midterms/Final: There will be three midterms and one final exam. The *tentative* dates for the midterms are Oct 11, Nov 1 & Nov 22 (it is your responsibility to stay informed of any changes). The Finals is on Wednesday, Dec. 13, 4:00PM - 6:00PM at S45. 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.

Notes for exams: ONE page of student's HANDWRITTEN notes permitted for all midterms: 8.5 by 11 inches, 2 sided. (TWO pages for final exam only.) Notes can include formulae but CANNOT include worked out problems. If your notes do not comply with requirements, they will be taken away and you will take the midterm or final with NO notes.

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.

How to get help: 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. Drop in tutoring is available daily. Ask in the Tutorial Center about the availability of individual weekly tutoring.

Classroom Expectations: The use of cell phones and other electronic items are not allowed during class. Cell phones must be turned OFF. 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 a 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:

Sept. 25, Mon	Classes begin
Oct. 7, Sat	Last day to ADD
Oct. 8, Sun	Last day to DROP for a full refund or credit/with no record of grade
Oct 11, Wed	Midterm I
Oct. 20, Fri	Last day to request pass/no pass grade
Nov 1, Wed	Midterm II
Nov. 17, Fri	Last day to drop with a "W"
Nov 22, Wed	Midterm III
Dec 6, Wed	Classes end
Dec. 13, Wednesday,	4:00PM - 6:00PM, Final Examination at S45
Dec. 15, Fri	Last day to file for a fall degree or certificate