

Math 212 Course Syllabus
De Anza College
Spring 2016

Instructor: Usha Ganeshalingam
Email: ganeshalingamusha@fhda.edu
Office Hours: M,Th,F 9-9:30 am in S76B
Tu, Th 4-5 pm by email

Office: S76B
Phone: 408-864-8716

Course: Beginning Algebra; Math 212.11

Meets: M-F 12:30-1:20 pm in S54

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:

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

Prerequisites: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 210 or equivalent with a grade of C or better.

Required Materials: Textbook, MyMathLab access code, scientific calculator, pencil, eraser, stapler, and ruler. Bring these items to class daily.

Text: *Intermediate Algebra* by Blitzer, 5th edition or De Anza's 2nd custom edition bundled with MyMathLab access code.

Software: All homework will be done online using MyMathLab. You will need to register at www.mymathlab.com to use this internet-based software. You will need the course ID given below in order to self register.

Course ID: ganeshalingam83984

If you purchase a textbook in new condition through the De Anza bookstore, you will get an access code bundled with the book. You must register using

the course ID provided. If your access code doesn't come bundled with the textbook, you will need to purchase online access to use MyMathLab which you can do at www.mymathlab.com.

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.

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	300 Points
Homework	55 Points
Final	120 Points
<hr/>	
Total	475 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 MyMathLab. 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 12:30 pm on the due date. There will be a total of 11 homework assignments, with each assignment worth 5 points.

Final Exam: The final exam will be comprehensive and will be given on *Wednesday June 22nd* from 11:30am-1:30 pm. The final exam must be taken at the scheduled time.

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. Cell phones must be off desks and in your bag during class time. Please do not take calls or text message during class. Do not talk while I or fellow classmates are talking. Students not following these policies or are disrupting class may be asked to leave.

Important Dates:

- The last day to add classes is Saturday, April 16th.
- The last day to drop for a full refund is Sunday, April 17th.
- The last day to drop classes with no record of a grade is Sunday, April 17th.
- The last day to drop with a "W" is Friday, May 27th.

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	4-Apr Introduction	5-Apr 1.1	6-Apr 1.2	7-Apr 1.3	8-Apr No Class
2	11-Apr 1.4 HW 1 due	12-Apr 1.5	13-Apr 1.5	14-Apr 1.6	15-Apr 1.6
3	18-Apr 2.1 HW 2 due	19-Apr 2.1	20-Apr 2.2	21-Apr 2.2	22-Apr Exam Review
4	25-Apr Exam 1 (1.1-2.2) HW 3 due	26-Apr 2.3	27-Apr 2.3	28-Apr 2.4	29-Apr 2.4/2.5
5	2-May 2.5 HW 4 due	3-May 3.1	4-May 3.1	5-May 3.2	6-May 3.2
6	9-May 4.1 HW 5 due	10-May 4.1/4.4	11-May 4.4	12-May 5.1	13-May 5.1
7	16-May Exam Review	17-May Exam 2 (2.3-5.1) HW 6 due	18-May 5.2	19-May 5.2	20-May 5.3
8	23-May 5.3	24-May 5.4 HW 7 due	25-May 5.4	26-May 5.5	27-May 5.5
9	30-May Memorial Day No Classes	31-May 5.6 HW 8 due	1-Jun 5.6	2-Jun 5.7	3-Jun No Class
10	6-Jun Exam Review	7-Jun Exam 3 (5.2-5.7) HW 9 due	8-Jun 7.1	9-Jun 7.7	10-Jun 8.1
11	13-Jun 8.2 HW 10 due	14-Jun 8.2	15-Jun 8.3	16-Jun 8.3	17-Jun Final Review
12	20-Jun HW 11 due	21-Jun	22-Jun Final Exam 11:30am-1:30pm	23-Jun	24-Jun