

Math 212 Course Syllabus
De Anza College
Winter 2017

Instructor: Usha Ganeshalingam

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Office Hours: M,Th 12:30-1:10 pm in S76B

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Course: Beginning Algebra; Math 212.MP1

Meets: M-F 9:30-11:20 am in E32

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, worksheet packet, scientific calculator, pencil, eraser, stapler, and ruler. Bring these items to class daily.

Text: *Elementary and Intermediate Algebra: Functions and Authentic Applications* by Jay Lehmann, 2nd edition.

Worksheet Packet: The De Anza bookstore sells a worksheet packet for our course, which includes all of the worksheets we will need this quarter.

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 and you may be dropped from the program if you are absent 5 times during the quarter.

Standards of Work:

- Homework must be stapled and turned in as a single packet. Homework pages that are not stapled will not be graded and will receive no credit.
- 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 Disabilities: 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	70 Points
Quizzes	80 Points
Activities	45 – 60 Points
Final	120 Points
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Total	615-630 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 for each chapter

that we cover and will be due during the first 5 minutes of class time. There will be a total of 8 homework assignments, with each assignment worth 10 points. Every student, only once during the quarter, may turn in their homework by the beginning of the next class (first 5 minutes). Other than that, no late homework will be accepted for any reason. At the end of the quarter, your lowest homework score will be dropped.

Quizzes: We will have 4 quizzes during the quarter. Each quiz is worth 20 points. No make-ups will be allowed. If you know that you will be absent, see me about taking the quiz earlier than scheduled.

Activities: We will have daily in class worksheets throughout the quarter which will count towards your activity score. These assignments will be turned in by the end of the class session. No make-ups will be allowed, so it is important that you come to class regularly.

Final Exam: The final exam will be comprehensive and will be given on *Tuesday March 28th* from 9:15-11:15 am. The final exam must be taken at the scheduled time. If you take all 3 exams, the final exam percent will replace your lowest exam score, if your final exam score is higher.

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 grade of a 0, or course grade of F may be given for any of the above infractions. Any student found cheating on an exam or quiz will not be allowed to retake that an exam or quiz and cannot use the final exam to replace their zero.

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 which will then count as an absence for the day. Any students with more than 5 absences may be dropped from the MPS program.

Important Dates:

- The last day to add classes is Saturday, January 21st.
- The last day to drop for a full refund is Sunday, January 22nd.
- The last day to drop classes with no record of a grade is Sunday, January 22nd.
- The last day to drop with a "W" is Friday, March 3rd.

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	9-Jan Introductions 1.2	10-Jan 1.3	11-Jan 3.1	12-Jan 3.2	13-Jan 3.2 3.3
	16-Jan Martin Luther King's Birthday No Class	17-Jan 3.3 3.4	18-Jan 3.4	19-Jan 3.5	20-Jan 4.1/4.2 Quiz 1 (1,3) HW 1 due
3	23-Jan 4.3	24-Jan 4.4	25-Jan 4.5	26-Jan 4.6	27-Jan Exam Review
	30-Jan Exam 1(Ch 1,3,4) HW 2 due	31-Jan 5.1	1-Feb 5.2	2-Feb 5.3	3-Feb 5.4
5	6-Feb 5.4	7-Feb 5.5	8-Feb 5.6	9-Feb 5.6	10-Feb 5.7
	13-Feb 6.1 Quiz 2 (Ch 5) HW 3 due	14-Feb 6.2	15-Feb 6.3	16-Feb 6.5	17-Feb Presidents' Day Weekend No Classes
7	20-Feb Presidents' Day Weekend No Classes	21-Feb 6.6	22-Feb Exam Review	23-Feb Exam 2 (Ch 5,6) HW 4 due	24-Feb 7.1
	27-Feb 7.2	28-Feb 7.2/7.3	1-Mar 7.3/7.4	2-Mar 7.4/8.1	3-Mar 8.1 Quiz 3 (Ch 7) HW 5 due
9	6-Mar 8.1/8.2	7-Mar 8.2/8.3	8-Mar 8.3	9-Mar 8.5	10-Mar 8.6
	13-Mar Exam Review	14-Mar Exam 3 (Ch 7,8) HW 6 due	15-Mar 9.1	16-Mar 9.2	17-Mar 9.3
11	20-Mar 9.4 Quiz 4(9.1-9.3) HW 7 due	21-Mar 9.4/9.5	22-Mar 9.6	23-Mar Final Review	24-Mar No Class
	27-Mar	28-Mar Final Exam 9:15-11:15am HW 8 due	29-Mar	30-Mar	31-Mar