DeAnza College

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Math 212 - 05 MTWThF 09:30 AM - 10:20 AM, Room E31, CRN 40990
Office Hours: MTTh 12:30 – 1:45 PM and Wednesday 1:30 – 2:45 PM
College Math Preparation Level 2: Beginning Algebra

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

Course Description: This course is a preparation course for further studies in algebra. Emphasis will be placed on developing systematic problem solving techniques, exploring the concept of a function algebraically, numerically, and graphically, looking at the characteristics of linear functions and describing their meaning to a problem, developing linear models to simulate problems and use systems of equations to solve real world problems. Development of quadratic functions and their applications will also be studied.

Textbook: Intermediate Algebra, by Blitzer, 7th edition, bundle with MyMathLab access code. You must purchase the MyMathLab access code from the bookstore or at http://www.coursecompass.com. A scientific calculator is required. Course ID: **rashid03298**

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) 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.

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, April 14, 2017 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 or calculators 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 **Tuesday, June 27 from 9:15 am - 11:15 am.** 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, April 22.
- The last day to drop for a full refund no record of grade is Sunday, April 23.
- The last day to request pass/no pass grade is Friday, May 5.
- The last day to drop with a "W" is Friday, June 2.

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Tentative Schedule for Math 212, Spring 2017

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	April 10 Syllabus	April 11 Section 1.1	April 12 Section 1.2	April 13 Section 1.4	April 14 Section 1.4
2	April 17 Section 1.5	April 18 Section 1.5	April 19 Section 1.6	April 20 Section 1.6	April 21 Section 2.1
3	April 24 Section 2.2	April 25 Section 2.2	April 26 Section 2.3	April 27 Section 2.3	April 28 Review
4	May 1 **Exam 1**	May 2 Section 2.4	May 3 Section 2.4	May 4 Section 2.5	May 5 Section 2.5
5	May 8 Section 3.1	May 9 Section 3.1	May 10 Section 3.2	May 11 Section 3.2	May 12 Section 4.1
6	May 15 Section 4.1	May 16 Section 4.4	May 17 Section 4.4	May 18 Section 5.1	May 19 Section 5.2
7	May 22 Section 5.2	May 23 Review	May 24 **Exam 2**	May 25 Section 5.3	May 26 Section 5.3
8	May 29 **Memorial Day**	May 30 Section 5.4	May 31 Section 5.4	June 1 Section 5.5	June 2 Section 5.5
9	June 5 Section 5.6	June 6 Section 5.6	June 7 Section 5.7	June 8 Section 5.7	June 9 Section 7.1*
10	June 12 Section 7.7*	June 13 Review	June 14 **Exam 3**	June 15 Section 8.1*	June 16 Section 8.2
11	June 19 Section 8.2	June 20 Section 8.3	June 21 Section 8.3	June 22 Final Review	June 23 Final Review
12	June 26 No class	June 27 **Final Exam 9:15 am - 11:15 am**	June 28 No class	June 29 No class	June 30 No class

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

Section 7.1* Simplifying numerical values only

Section 7.7* Required: Definition of i, simplifying square roots of negative numbers, Optional: Basic operations, conjugates

Section 8.1* Required: Square root property, Optional: Completing the square