

**De Anza College****COURSE:** Math 212. - 62, (30977)

College Math Preparation Level 2: Beginning Algebra

**DAY:** Monday, Wednesday**TIME:** 6:30 P.M. – 8:45 P.M.**Office Info:** 5:45 P. M. –6:15 P. M. Monday, Wednesday

Winter, 2017

5 Units.

**INSTRUCTOR:** Mr. Chris Tsuji**ROOM:** G5**Office:** E-37**Preferred method of contact: E-mail:** [tsujichristie@deanza.edu](mailto:tsujichristie@deanza.edu)Type **Math 212** in Subject line if you want a reply.**Website:** <http://faculty.deanza.fhda.edu/tsujichristie/>

Check the website frequently for additional information and up-to-date info.

**Objectives:** Application of linear functions, quadratic functions and linear systems to problems. Emphasis is on the development of models of real world applications and interpretation of their characteristics.**Prerequisites:** Qualifying score on the Math Placement Test within last calendar year; or Mathematics 210 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.**Text:** Intermediate Algebra for College Students, 7th edition by Robert Blitzer.**Materials:** Scientific Calculator, or graphic calculator, pencil, paper, graph paper, 3” x 5” cards.**Time commitment:** According to the college catalogue, page 34, “Students should expect two hours of outside preparation for each one hour spent in class.” Since the class meets 4 + hours a week, it is expected a minimum of 8 hours a week should be spent on this class. Mastery of the material should determine by how much time you spend, not the clock.**Attendance:** Regular and punctual attendance is expected of each student. Students will be allowed **three absences**. On the fourth absence, the student should complete the paper work for a drop or a grade of F could be given for the quarter.

Every absence after the third will result in the deduction of one percentage point from your final grade percentage in the class. It is your responsibility to sign the attendance sheet.

If you miss class during the first two weeks, you will be dropped to make room for the wait list students. Add codes will be given on the second-class meeting.

Difficulties that could cause attendance problems should, at your initiative, be discussed with the instructor as early as possible.

If you decide to discontinue with the course, it is your responsibility to drop. You must officially drop on or before March 3rd. If you are on the final report form, you will receive a grade.

**Assignments:** Assignments are to be attempted on a class-to-class basis. Time will be set at the beginning of each class to answer questions from the assignments. Write your question(s) on a 3-inch by 5-inch card and turn in at the beginning of class. Each assignment is 5 points. There are 28 assignments, 26 will count.

Assignment will be graded on completeness, neatness. Answers only will be recorded as 0.

Check the website for the format of the assignments.

Assignments are due at the beginning of class. Late assignments will have a penalty.

**The problems assigned are not intended for mastery of the topic.** More problems should be done from the book to master the topic of the assignment.

Check the website for the list of assignments.

One should read the sections in the book that will be covered before class.

**Quizzes:** Quizzes will be based on the assignments and topics covered in class. You must be in class to take the quiz. There will be 15 class quizzes, 13 will count. Take home quizzes will be emailed before each exam for a review. If you do not get this quiz a week before the exam, notify the instructor. Class quizzes are 10 points each and the take home quizzes are 15 point each.

**Exams:** There will be four exams, each worth 100 points. Check the web site for the dates of the exams and other information.

**Final Exam:** A comprehensive **Final Exam** will be given on **Wednesday, March 29 from 6:15 P.M. – 8:15 P.M.** The final examination must be taken to receive a grade in the class. 200 points.

**Make-Up:** There are **no** make-ups for missed exams or quizzes. Exams and quizzes missed will be scored 0.

**Cheating:** Cheating will not be tolerated. If caught, then a grade of F will be assigned for the quarter and the division dean will be notified.

**Finished:** If you leave the classroom after a quiz or exam is distributed, then you are finished.

The use of cell phones, cameras, texting devices or any other **unauthorized electronic** devices are not allowed in class.

#### Student Learning Outcomes for Math 212

The Mathematics Department at DeAnza College has established the following outcomes for Math 212:

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.

**Evaluation:** Grades will be determined as follows

Assignments	130 points	A: 841 - 935 points (90%)
Exams	400 points	B: 748 - 840 points (80%)
Quizzes	130 points	C: 643 - 747 points (70%)
Take home quizzes	75 points	D: 561 - 642 points (60%)
Final Exam	200 points	F: 0 - 560 points
<b>Total</b>	<b>935 points</b>	

#### NOTE:

- Quizzes, examinations should be done in pencil.
- Be on time.
- Ask questions.
- Start a study group. It helps.
- Do not wait until it is toooooo late. Ask for help.
- There is NO extra credit. Do not ask.

#### **Special, Important Dates:**

Monday, January 16, Holiday, Observance of Martin Luther King's Birthday

Saturday, January 21, Last day to add.

Monday, January 23, Last day to drop with no grade of record.

Friday, February 3, Last day to request pass/no pass grade

Monday, February 20, Holiday, Presidents' Day

Friday, March 3, Last day to drop with W.

**Wednesday, March 29, 6:15 P.M. – 8:15 P.M. Final Examination.**

Winter, 2017 Math 212 - 62- (30977), Monday, Wednesday, 6:30 - 8:45 PM Mr. Chris Tsuji

This is a tentative schedule. The instructor has the right to modify if necessary.

	Section and problems	date due
	intro	Check web sit 11-Jan
9-Jan	1.1	Page 12; 1- 47(2n-1), 52 - 78(4n-1), 93 - 96(n)
	1.2	Page 27; 1- 1(18-Jan
11-Jan	1.4	Page 50; 1-50 (4n-1), 59 - 66 (2n-1), 67
	1.5	Page 65; 1-10 23-Jan
18-Jan	1.6	Page 79; 1- 1: 25-Jan
	2.1	Page 111; 1 - 30-Jan
23-Jan	2.2	Page 121; 1 - 24 (2n-1), 31 - 38 (2n-1), 49 -52 (n)
	2.3	Page 132; 1 - 1-Feb
25-Jan	<b>Examination 1</b>	Chapter 1
30-Jan	2.4	Page 151; 1 - 62 (4n-1)
	2.5	Page 163; 1 - 6-Feb
1-Feb	3.1	Page 190; 1 - 68 (3n)
	3.2	Page 204; 1, 8-Feb
6-Feb	4.1	Page 262; 1 - 31 (2n-1)
	4.4	Page 294; 1 - 15-Feb
8-Feb	5.1	Page 323; 1, 3, 5, 11, 13, 15, 19, 29 - 54 (3n)
	5.2	Page 337; 1 - 22-Feb
13-Feb	<b>Examination 2</b>	Chapter 2, 3, 4
15-Feb	5.3	Page 347; 1 - 27-Feb
22-Feb	5.4	Page 361; 1 - 82 (4n-1)
	5.5	Page 371; 1 - 1-Mar
27-Feb	5.6	Page 378; 1 - 68 (4n-1), 85
	5.7	Page 390; 1 - 6-Mar
1-Mar	7.1	Page 511; 1 - 13-Mar
6-Mar	<b>Examination 3</b>	Chapter 5
8-Mar	7.7	Page 570; 1 - 15-Mar
13-Mar	8.1	Page 592; 1 - 30 (2n-1), 35 - 43 (2n-1)
	8.2	Page 607 ; 1 - 20-Mar
15-Mar	8.3	Page 625; 1 - 22-Mar
20-Mar	<b>Examination 4</b>	Chapter 7, 8
22-Mar		Review
29-Mar	<b>Final Examination</b>	