Math 212 (10:30-11:20 M-F) – Beginning Algebra - Syllabus
Fall 2017

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Office Hours	M-F 11:30 – 12:20

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.

Course Materials:

- Math 212 Course Packet (this is our "textbook") – **Beginning Algebra Workbook** – De Anza College
  - Available only at De Anza Bookstore. Please get this immediately. It's $42.25 plus tax.
    (If you prefer to print it yourself – it's over 400 pages – email me)
  - Bring this to class each day!

- A non-graphing calculator that can evaluate square roots

- Other supplies to carry with you:
  - Pencils, large eraser, ruler
  - Notebook and graphing paper
  - Stapler

Regular review/study to understand: You will benefit immensely by regularly reviewing the class notes and doing additional practice problems. In a math class, regularly synthesizing the information you've learned is crucial. This will allow you to be better prepared for quizzes and exams, especially the final exam. If you don't understand something, you have many options:
- Math Science Tutorial Center, S43 (www.deanza.edu/studentsuccess/mstrc/)
- Smartthinking **free** 24-hour online tutoring for De Anza students (www.deanza.edu/studentsuccess/onlinetutoring/) – limited to 3 hours for the entire term
- Remember that we live in a world where information is quite literally at our fingertips via the Internet. Empower yourself and use the Internet. Try Purplemath or Khan Academy. There are tons of math videos on YouTube also!

Homework: Homework is essential in any math class. You cannot expect to pass the class without putting consistent (daily) effort on homework and review. Its purpose is to help you practice and master skills, as well as learn focused problem solving. Schedule time for doing homework. Prioritize learning through disciplined practice and you will reap the benefits. You will have **two types of homework** assignments:
- Paper and pencil homework – At the end of each lesson in our workbook, there are 'Exercises'. Your written problem sets will come from these. These problems will be checked primarily for completeness.
- Online homework – You will have online homework on a free website called www.myopenmath.com. These will be graded for correctness. Details about signing up will be sent over email.

Entrance Cards: These will consist of a problem similar to the previous days' material. These may be posted for you to complete at the beginning or end of class on any day! These will be unannounced and graded. Notes will be allowed on these. *Please keep several neatly cut half sheets of paper ready in your binder for when they are given. You will lose points for turning in untidy sheets of paper.*

Quizzes: Short quizzes will be given on a regular basis. Please see the calendar. The quizzes will be closed notes, but you will need your calculator. Quizzes cannot be made up. The lowest quiz grade will be dropped.

Project: You will have one project in this class. You will be able to work in a group (up to 3 people per group) if you wish.

Exams: Three one-hour exams will be given in class. The exams will be closed notes, but you may use your calculator. There will be no make-ups for exams (before or after). Please see the calendar for dates. No exam scores will be dropped, so do not plan on missing any. Your lowest exam will be replaced by the final exam if the final exam score is higher. This rule will be applied in the case of a missed midterm. *The only time this rule would not be applied is if cheating was involved in any of the exam scores.*

Final Exam: A two-hour comprehensive final exam will be given as listed on the calendar. You will be allowed to use your calculator and one handwritten 8-1/2" x 11" sheet of notes (front and back) in your own handwriting.

Grading:

Item	Points
3 exams @100 points each	300
Quizzes: top 6 @ 15 pts each	90
Entrance Cards: top 5 @ 4 pts each	20
Homework: Written (5 points per chapter)	50
Homework: Online (5 points per chapter)	50
Project	50
Final Exam	140
TOTAL	**700**

Overall Percentage	Your grade
97% or greater	A+
92 – 97%	A
89 – 92 %	A-
87 – 89 %	B+
82 – 87 %	B
79 – 82 %	B-
75 – 79 %	C+
70 – 75 %	C
55 – 70 %	D
less than 55%	F

CLASS POLICIES

Attendance: Attendance is important every day because all class time counts. Your math and critical thinking are skills that are improved through discipline. Students who attend class regularly are more likely to succeed, so come on time, stay for the whole class, and be active.

- If you are absent, you are responsible learning the missed material, finding out any announcements or assignment changes made in class.
- Late homework assignments will not be accepted. In case of an unforeseen emergency on a day that homework is due, you may scan or take pictures of all pages of your homework and email it to me.
- Entrance cards, quizzes and exams can only be taken during class, and not made up before or after class.
- If you exceed more than one week's worth of absences, you should strongly consider dropping the class.
- If something tragic occurs, please let me know how I can help you. I am willing to work with you if you are committed.
- If you stop coming to class, you are responsible for dropping yourself or you will receive an F.

Academic Integrity: All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but simply copying down answers from another student is not only wrong, but will not contribute to your learning. Any instances of cheating or plagiarism will result in disciplinary action, which may include getting a '0' on the assignment, and report to the PSME dean, which may lead to dismissal from the class or the college.

Participation: Communication is important in learning. Please communicate regularly with me and your peers. Active participation in class occurs when you are fully engaged in what is being discussed, and engagement is necessary for success. I look forward to hearing your voice.

Classroom conduct: Civility is more than a request -- it is a requirement for this and all your college classes. If you plan to succeed in this class:

1. Be ready to help your classmates and don't be afraid to ask for help when you need it. We are here to learn. Helping someone improves both people's understanding.
2. Remember to be courteous to everyone in the class, even when you disagree.
3. Out of courtesy to your classmates, please silence your phone during class.
4. Do not carry on conversations while someone else is talking. This is rude and disruptive.
5. Don't let your phone distract your learning process. Unless you expect an emergency, wait until the break or end of class to check it. Until then, put it away.

Disability Notice: If you have any special circumstances that you feel may influence your performance in this class (a diagnosed learning disability, physical disability, or anything at all that might interfere with your learning), please email or chat with me privately so we can best accommodate you and we can create a learning environment that works for you.

Math 212 (10:30 - 11:20 M-F) - Tentative Calendar - Fall 2017

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 **Sept**	Introductions Syllabus; 1.1 25	1.1, 1.2 26	1.3, 1.4 27	1.5 28	2.1; **Ch 1 HW DUE** **Quiz 1** 29
Week 2 **Oct**	2.2, 2.3 2	2.4 3	2.5, 2.6 4	2.6, 3.1 5	3.1, 3.2; **Ch 2 HW DUE** **Quiz 2** 6
Week 3 **Oct**	3.3, 3.4 9	3.5, 4.1 10	4.1, 4.2 **Ch 3 HW DUE** 11	4.3, 4.4 12	4.4 **Quiz 3** 13
Week 4 **Oct**	4.5, 5.1 16	5.1, 5.2 **Ch 4 HW DUE** 17	5.3 18	Review/Catch-Up 19	**Ch 5 HW DUE** **EXAM 1** (covers Ch 1-5) 20
Week 5 **Oct**	6.1, 6.2 23	6.2, 6.3 **Project Assigned** 24	6.3, 6.4 25	6.4 26	7.1; **Ch 6 HW DUE** **Quiz 4** 27
Week 6 **Oct/Nov**	7.2 30	7.3 31	7.4 1	8.1, 8.2 2	8.2; **Ch 7 HW DUE** **Quiz 5** 3
Week 7 **Nov**	8.3 6	8.4, 8.5 7	Review/Catch-Up 8	**EXAM 2** (covers Ch 6 - 8.4) 9	**Veteran's Day** **HOLIDAY** 10
Week 8 **Nov**	8.5, 8.6 13	8.7 14	9.1, 9.2 **Ch 8 HW DUE** 15	9.2, 9.3 16	9.3 **Quiz 6** 17
Week 9 **Nov**	9.4 20	9.5, 9.6 **Project DUE** 21	9.6 22	**Thanksgiving** **HOLIDAY** 23	**Thanksgiving** **HOLIDAY** 24
Week 10 **Nov/Dec**	10.1 **Ch 9 HW DUE** 27	10.2 28	10.3 29	Review/Catch-Up 30	**EXAM 3** (covers 8.5 - 10.3) 1
Week 11 **Dec**	10.4, 10.5 4	10.5, 10.6 5	10.6 6	Ch 11 (review) **Ch 10 HW DUE** 7	Ch 11 (review) **Quiz 7** 8
Finals Week **Dec**	**FINALS WEEK** **NO CLASS** 11	**FINALS WEEK** **NO CLASS** 12	**FINALS WEEK** **NO CLASS** 13	**FINAL EXAM** 9:15 am - 11:15 am 14	**FINALS WEEK** **NO CLASS** 15