MATH-212-62   Beginning Algebra   Fall 2016

Meets:	MW 6:30PM-8:15PM. Room: G7
Instructor:	Vadim von Brzeski vonbrzeskivadim@deanza.edu
Office Hours:	Mondays 5:30PM – 6:30PM (before class). Location: E37

Course description:	Math 212 is the first course in the algebra sequence that focuses on the study and applications of linear functions, quadratic functions, linear systems and solutions to problems. Emphasis is on the development of models of real world applications and interpretation of their characteristics.
	
	The topics include linear equations and inequalities, development and use of formulas, algebraic expressions, and systems of equations, operations on polynomials, factoring, graphs, and an introduction to quadratic equations.
	
	Student Learning Outcomes (SLO):
	    • Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.
	    • Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.
	    • Demonstrate an appreciation and awareness of algebraic applications in students' daily lives.

Pre-requisites:	Qualifying score on the Math Placement Test within last calendar year; or MATH 210 or equivalent with a grade of C or better. A desire to learn math.
Materials:	**Book (REQUIRED)**: *Intermediate Algebra for College Students, R. Blitzer,* **7th edition** **Calculator (recommended)**: graphing calculator. A TI-84 is recommended (or TI-83+, TI-83). ***NOTE: calculators will not be needed nor allowed on exams.***
Method of Instruction / Philosophy:	"You don't learn math by reading math; you learn math by **doing** math." – My former professor. Therefore, we will be **doing** a lot of math together. Each session will be organized as follows: 40 minutes of lecture; 20 minutes of practice; 10 minute break; 40 minutes of lecture; 20-25 minutes of practice.
Homework:	There will be 10 homework assignments. Each one will be **due on a MONDAY, at the start of class,** except for the Monday immediately after Thanksgiving. **LATE HOMEWORK WILL NOT BE ACCEPTED**. Not all HW problems in each assignment may be graded.
Midterm Exams:	There will be 3 exams. The exams will be closed book (no notes). The exam dates are shown in the Calendar. **The exams will be 1 hour long**; either during the first or second hour of the class. **NO MAKE-UP EXAMS WILL BE GIVEN**. If you miss one exam, the percentage on the final will replace the score of the missing exam. If a second exam is missed, its score will be 0.
Final Exam:	**Wednesday Dec 14; 6.15 pm – 8:15pm.**

Grading Breakdown:		Quantity	Points Each	Total Points	%
	Homework	10	10	100	17%
	Tests	3	100	300	50%
	Final	1	200	200	33%
	TOTAL			600	100%

Grading Scale:

If total points….			Then grade:
>=	582	97%	A+
>=	558	93%	A
>=	540	90%	A-
>=	522	87%	B+
>=	498	83%	B
>=	480	80%	B-
>=	462	77%	C+
>=	420	70%	C
>=	360	60%	D
<	360	60%	F

Expectations of Students:

1. **Academic dishonesty will not be tolerated**. If a student is found cheating on an exam or a homework item, or violating other codes of academic integrity, he or she will receive a 0 score for the item in question. Repeated instances of cheating may lead to failing the course and further action. See the section on Academic Integrity in your current schedule of classes.
2. **Attendance**: A student who stops coming to class and does not drop the class will get the grade that their work earns. **It is the student's responsibility to drop the class.** You are *expected* to attend all classes.
3. **Showing your work**:
   a. You need to **show your work on HW and exams** in order to receive full credit.
   b. Your work needs to be **legible** – if I can't decipher your handwriting, you will lose points. Neatness will also help correctness.
4. **Class conduct**: Any student who is disruptive may be asked to leave class. A student who refuses to leave the room may be dropped from the class and reported for further action. **Students are expected to silence and put away mobile phone, tablets, etc**, and should refrain from eating during class.

Important Registrar Dates:

LAST DAY TO ADD: **10/08**
LAST DAY TO **DROP** (full refund and no record of grade): **10/09**
LAST DAY TO REQUEST PASS/NO-PASS: **10/14**
LAST DAY TO DROP WITH A "W": **11/18**

Students with Disabilities:

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see the contacts below:
- Disability Support Services (DSS): Student Services Building (408)864-8753
- Educational Diagnostic Center (EDC): Learning Center West 110; (408)864-8839. Special Education Division: (408)864-8407; deanza.edu/specialed

<u>Calendar:</u>

MONDAY	WEDNESDAY
9/26/2016	9/28/2016
Intro; 1.1; 1.2	1.2
10/3/2016	10/5/2016
1.4; 1.5; **HW #1 Due**	1.6
10/10/2016	10/12/2016
Review / Buffer; **Midterm #1 (Ch 1);** **HW #2 Due**	2.1; 2.2 & 1.3
10/17/2016	10/19/2016
2.2 & 1.3; **HW #3 Due**	2.3
10/24/2016	10/26/2016
2.4; 2.5; **HW #4 Due**	2.5; Review / Buffer
10/31/2016	11/2/2016
Midterm #2 (Ch 2) 3.1; **HW #5 Due**	3.1; 3.2
11/7/2016	11/9/2016
4.1; **HW #6 Due**	4.4
11/14/2016	11/16/2016
7.1; 7.7; **HW #7 Due**	7.1; 7.7
11/21/2016	11/23/2016
Midterm #3 (Ch 3/4/7) 5.1; **HW #8 Due**	5.2; 5.3
11/28/2016	11/30/2016
5.4; 5.5	5.6; 5.7
12/5/2016	12/7/2016
8.1; 8.2; **HW #9 Due**	8.3
12/12/2016	12/14/2016
Review Everything; **HW #10 Due**	**FINAL EXAM;** **6:15-8:15 p.m.**