

# Math 210 : Pre-Algebra Fall 2017

**Instructor:** Fatemeh Yarahmadi

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**Class Location and Time:** MW 06:30 – 08:45/ G2

**Office Hours:** MW 04:50- 5:20/G2 or by appointment.

**Text:** Prealgebra, 6th Ed.; Aufmann, Barker and Lockwood, Houghton Mifflin, 2009

**Prerequisite:** English Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Although this is a Math course, English reading comprehension and writing are very important in Math 10.

**Calculators:** Calculators are not allowed at any time.

**Course Description:** This course covers operations with integers, fractions and decimals and associated applications, percentages, ratio, and geometry and measurement, with emphasis on critical thinking and applications. Elementary algebra topics such as variables, expressions, and solving equations are introduced.

**Course Learning Outcomes:** The student will demonstrate the ability to

- Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.
- Demonstrate and apply the knowledge and skills required to select the correct introductory formulas, procedures, and concepts from algebra and geometry and use them to solve problems.

**Attendance:** You are expected to attend all class meetings and complete all assignments. Come to class *on time* ready to learn and work for the entire class period. **Turn off cell phones and keep them out of sight.** “Students missing one more class hour than the unit value for a particular course, without making prior arrangements may, at the instructor’s option, be dropped without possibility of credit.” ***It is the responsibility of the student to drop the course.***

**Sources of Help:** The De Anza campus has a tutorial center for math students where students can get "drop in" help. The tutorial center is located in room S-43.

**Homework:** Homework will be assigned each class meeting and due the following class meeting unless otherwise indicated. Your success in the class will depend on finishing homework assignments in a timely manner. A handout explaining homework policy and grading procedures will be given to you on the first day of class

**Tests:** There will be a short test at the beginning of each lecture to measure your understanding of the previous lecture’s contents.

**Exam Reviews:** There will be an exam review assigned before each exam worth 10 points each. The purpose of the review is to aid the student in studying for the exams.

**Exams:** There will be four exams to test your understanding of the concepts from lecture and the homework. They should be straightforward for those who complete and understand the homework. Each exam will be worth 100 points. A total of 400 points will be counted toward your final grade

**No make-up exams will be given.** If you are forced to miss an exam, you need to contact me **before** the exam with a valid reason.

**Final Exam:** A comprehensive final exam worth 200 points will be given on the last day of the class.

<b>Grading Policy:</b>	Homework	Maximum of	100 points
	Tests		60 points
	Exam Reviews	4 @ 10 pts	40 points
	Exams	4 @ 100 pts	400 points
	Final	1 @ 200 pts	200 points
	<b>Total</b>		<b>800 points</b>

Your grade will be computed as a straight average: the total number of points earned divided by the total points possible. Please keep all of your graded papers.

**Student Honesty Policy:** “Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal.”

**Special Needs:** “Students requiring special services or arrangements because of hearing, visual, or other disability should contact their instructor, counselor, or the Disabled Student Services office.”

**Recipe for Success:**

- If you ever have any questions, COME TALK TO ME! You are welcome to send email to me whenever you need help!
- Visit the Tutoring Center.
- Form a study group.
- Attend all lectures and complete every homework assignment.
- For each hour of class time, expect to spend **two hours** outside of class reading the text, studying your notes, and working problems.
- Read the sections to be discussed in class prior to the lecture.



**Tentative Schedule**

<b>MONDAY</b>		<b>WEDNESDAY</b>		<b>FRIDAY</b>
Review 25		Chapter 2 27		29
<b>October 2</b> Chapter 2		Chapter 2 4		6
Chapter 3 9 Exam 1 Review		Chapter 3/ Exam 1 (CH 2) 11		13
Chapter 3 16		Chapter 4 18		20
Chapter 4 23 Exam 2 Review		Chapter 4/ Exam 2 (CH 2-3) 25		27
Chapter 5 30		<b>November 1</b> Chapter 5		3
Chapter 6 6		Chapter 6 8		<b>Holiday</b> 10
Chapter 6 13 Exam 3 Review		Exam 3 ( CH4-5) 15		17
Chapter 7 20		Chapter 7 22		24
Chapter 7 27 Exam 4 Review		Exam 3 ( CH6-7) 29		<b>December 1</b>
Chapter 8 4		Chapter 8 6		8
Final Review 11		Final Exam 13		15