

## Math 210 PREALGEBRA – DeAnza College

Course Day:T-TH  
Room S 46  
eftekhari@fhda.edu

Dr. Kamran Eftekhari  
Office:E-37

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YOU MUST READ THROUGH THIS ENTIRE SYLLABUS TO BE FAMILIAR WITH THE CLASS. You are expected to keep a copy of this syllabus and the course calendar with the materials you bring to class each day.

### Student Commitment:

- This is a demanding but rewarding class. This class requires daily attendance and a minimum of 10 hours of study each week outside of class.
- This is also a collaborative class. You will be expected to work in cooperation with other students. Working in group's means that the students will discuss ideas, questions and strategies with each other. Share your thoughts as often one idea will spark another and so on.

### Course Description:

- Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, graphs of linear equations and the Cartesian coordinate system, the concept of function.
- The goal of this course is to think systematically, logically and orderly like a mathematician. You will be organizing information, looking for patterns, making decisions, mastering basic skills and communicating your results in writing. We will cover properties of the number system, basic algebraic equations, geometric applications, graphing and functions.
- Word problems and practical applications will be stressed heavily throughout the course. Although Pre-algebra is a Mathematics course, English reading comprehension and English writing play a very important role in this course. Communication is critical in life, both giving and receiving information. Students will be asked to carefully explain their thinking and problem-solving strategies both verbally and in writing.

### Required Text:

Prealgebra, 6th Ed.; Aufmann, Barker and Lockwood, Houghton Mifflin

You can purchase the book at the DeAnza bookstore. The bookstore carries custom texts, which include an access code for the online homework system, WebAssign. The cost for the a new custom text that included the access code will probably be less than the combined cost of a new or used text plus the cost of the access code for the quarter. Students can buy an Instant Access Code directly from [Cengage](https://www.cengagebrain.com/shop/search/9781133365457) for \$79.

Here's the instant access and direct URL: <http://www.cengagebrain.com/shop/search/9781133365457>

Other Required Materials:

- Bring to class daily: CALCULATOR (with square root and  $\pi$  keys), RULER, and SMALL STAPLER. Students may NOT share calculators for quizzes or exams.
- Cell phones and other electronic devices may not be used in class as calculators at any time.
- Graph paper is required when we cover chapter 6. You can print out a few pages by searching for graph paper on Google.
- PENCILS ONLY must be used for all work in this class. Student work written with pen will not be graded and receive a 0.
- 1 Scantron for multi-choice final exam - thin green (882-E) or brown (#2052) form from bookstore
- You will not be able to borrow ANY materials from the instructor.

Homework:

Homework is collected and graded via the online system, WebAssign,

<http://www.webassign.net>

25 assignments at 5 points each; lowest 5 assignment grades dropped, 100 points total

Four attempts allowed for each problem.

Each assignment has a specific due date after which you will not be able to change answers.

You can work on any homework assignments, save/submit your work, stop, and come back and add to it later or change it later. WebAssign will keep track of your progress. But you must submit your assignments by the due date/time for credit.

You can check your current score for any homework assignment by clicking on the My Assignments tab and then click on the All Assignments tab. Assignments already due can be found by scrolling down to Past assignments. Scores listed on the right will show you how many points your assignment has earned out of the number of points possible for each assignment.

You can return to any assignment and check the solution key after the due date/time for the assignment: click on my Assignments and then Past Assignments.

Many extra practice problems are available in the text. Answers for the odd problems are in the back of the text.

GETTING STARTED WITH WebAssign Log in: <http://www.webassign.net/> Click on: I HAVE A CLASS KEY->

Enter: **deanza 1664 6581**

Fill in the three boxes according to your class section below:

**deanza** \_\_\_\_\_

First and last name: You must use your official student registration name.

Pay the required fee using a credit card or a debit card or buy the access codes separately at the DeAnza Bookstore.

#### Quizzes:

7 quizzes at 20 points each, lowest quiz grade dropped, 120 points total.

NO MAKE-UP QUIZZES. If you are absent for a quiz for ANY reason, you receive a grade of 0; one such grade of 0 for a quiz absence would then be dropped as your lowest quiz grade. Quizzes are based closely on homework and class work. You need to do homework thoroughly and completely and work attentively in class to prepare for quizzes.

Required: pencils, erasers, ruler, and calculator.

Most quiz questions will require you to write out your answers and show your work.

Quizzes must be worked out NEATLY or points will be lost. Quizzes WORKED OUT with PEN will not be graded. Points will be deducted from quizzes worked on after the class is told to stop and put down pencils

#### Midterm Exams and Final Exam:

##### Midterms:

3 MIDTERM exams at 100 point each. The lowest midterm grade will be replaced by your grade on the Final Exam, if better. Tentative testing days are on class calendar. Any changes will be announced in class.

NO MAKE-UP MIDTERMS. If you are absent for a midterm for ANY reason, you receive a grade of 0; one such grade of 0 for a midterm absence would then be replaced by your Final Exam grade.

##### Final Exam:

2 hours mandatory & comprehensive: includes all material and chapters covered during the quarter. Multiple-choice: bring a half-page green scantron (882-E) or brown scantron (#2052) from the bookstore. No other scantron may be used. Your scantron must be flat with no bent corners, no wrinkling, no tears or other damage or points may be lost.

Required: scantron, pencils, erasers, ruler, calculator

#### Participation/Activities:

10- 100 points of your grade will be determined from:

- Individual and group activities/worksheets, finished both in class and outside of class
- Some worksheets that you are supposed to finish at home will be turned in for
- Participation points at the beginning of the next day's class. No late work accepted.
- On-time attendance and remaining for entire 50-minute class periods
- Coming to class prepared with required materials and other items as announced in class.

Grading:

Category	Points
Homework	100
7 Quizzes @ 20 pts each, lowest grade dropped	120
3 Midterm Exams @100 pts each Lowest midterm grade replaced by Final grade, if better	300
Final Exam (mandatory) 100	100
Participation/Activities 10 - 100	10 - 100
<b>TOTAL POINTS</b>	<b>630-720</b>

Course Grade	Total Percent of Course Points
A	90%-100%
B	80-89.9%
C+	75%-79.9%
C	70%-74.9%
D	60%-69.9%
F	0%-59.9%

- You can access your final course grades by logging into the De Anza website, <http://www.deanza.edu/registration/myinfo.html>, with your student ID number. Due to privacy issues, you will not be able to obtain any information on grades by email and I cannot respond to such requests. Keep all work graded during the quarter. You are expected to keep a running tally of points for this course so that you will know how many points you need to earn on the final exam to achieve a specific grade for the course. You must bring this tally of points with you if you wish to check your current point total with the instructor.

Class Attendance:

- Class attendance EVERY DAY is essential to student success in math. You are expected to attend all classes, arrive on time and stay for the entire class. In particular, ALWAYS STAY after finishing a quiz, as we will continue discussion in the remaining class time.
- I will take roll during the first two weeks of class. If you have two full absences during the first two weeks, you will be dropped from the class.
- Late arrivals or early departures are disruptive and will be counted as a half absence.
- A LATE ARRIVAL is any arrival after the official start time of the class.
- Arrive on time. Leave extra time to avoid traffic and parking problems. If on rare occasions, you do arrive late or must leave early, sit near the door so you do not disturb class. If you disrupt class you may be asked to leave immediately, resulting in an absence for that day.
- During the first two weeks, if you arrive after roll is taken, you must let the instructor know immediately AFTER CLASS THAT SAME DAY that you arrived late, otherwise you will be marked down for a full absence.

Special Information:

- ESL: If English is a second language, a print (not electronic) English translation

- dictionary is allowed for exam/quiz.
- Disability Assistance: If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

All students are expected to exercise academic integrity throughout the quarter.

- Cheating and academic dishonesty are not tolerated. Students involved in cheating either receiving or providing information - on any quiz or exam will be reported to the dean and may be expelled from the course for the first offense. At minimum, the score for that quiz/exam/assignment/lab will be "0".
- All electronic devices (cell phones, ipods, ear pieces, etc.) except your calculator must be turned off and put away out of sight during class. Absolutely no noise from them!
- CELL PHONES: In particular, turn off all cell phones COMPLETELY (not just set to vibrate) and put away before class. If a cell phone is used or goes off during class, you may be asked to leave class for that day. DURING GRADED ACTIVITIES/QUIZZES/EXAMS, if your phone is used, or is visible or goes off during an exam or quiz, your paper may be taken away from you and my have points deducted or receive a "0" grade.

Standards of Work:

- College level work is expected in this class.
- Work is graded for both accuracy and quality of work.
- Work must be NEAT, LEGIBLE, WELL-ORGANIZED, AND ORDERLY.
- When work/explanation is requested, correct answers generally must be supported by correct work to receive credit. You may lose credit, even if the final answer is correct, if the instructor can't easily read or understand your work, if necessary details, work, or interpretations are missing, if work is not logically presented in an easily understandable manner, or if work is shown but is incorrect and/or not consistent with your answer.

Students' Responsibility:

- You are responsible for keeping up with class assignments and for being aware of schedule changes even when absent. Remember, the class calendar is ONLY A TENTATIVE schedule. Schedule changes will be announced in class. If you miss class, you will need to contact your classmates for notes and information regarding the material you missed. Obtain phone numbers or email addresses of other students to contact if you are absent to get notes, etc. If you are absent, read the text and go to the tutorial center first; then come to me if you still have specific questions.
- Any student wishing to drop the class must drop himself or herself.
- Students are required to respect classroom activities and show common courtesy to both instructor and peers. It is the instructor's discretion to determine what disruptive behavior is and request appropriate remedy which may result in student's expulsion from the class.
- Since the pace of the class may be quite fast at times, you should ask for assistance as soon as you realize that you are falling behind.
- Instructor is always available for help. Check the Math Tutorial Center (S-43) for free individual, drop-in or group tutoring.

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**Pre-Algebra Course 210-23**

**office E-37**

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1		Introductions 1.1 - 1.2		1.3 - 1.4 <b>Quiz 1</b>	
Week 2		1.4 -1.5 2.1		2.2 - 2.5 <b>Quiz 2</b>	
Week 3		3.1 - 3.3		3.4 - 3.5 <b>Quiz 3</b>	
Week 4		3.6 4.1 - 4.2		<b>EXAM I</b> 4.3 Chapters 1,2, 3	
Week 5		4.4 - 4.6 5.1 - 5.2		5.3 -5.5 <b>Quiz 4</b>	
Week 6		5.7 6.1- 6.2		6.3 - 6.4 <b>Quiz 5</b>	
Week 7		6.5 - 6.6 7.1		7.1 <b>EXAM II</b> Chapters 4, 5 6	
Week 8		7.3 - 7.4		7.4 <b>Quiz 6</b>	
Week 9		8.1 - 8.2		8.2 <b>Quiz 7</b>	
Week 10		9.2 - 9.4		9.4 <b>EXAM III</b> Chapter 7,8,9	
Week 11		Functions <b>Quiz 8</b>		Functions Review-Final Exam	
Week 12		Review			<b>Final Exam</b> 1:45 - 3:45 pm