

Janak's Syllabus (Mathematics Department), De Anza College

MATH 210. 22 – Spring 2017

PRE-ALGEBRA

Classroom: L-76

T Th 4pm – 6.15 pm

Instructor: *Ms. Nirmala Janak*

e-mail: janaknirmala@fhda.edu

Office Hours: **Tuesdays & Thursdays : 6 - 6.30pm**

Required Text: Prealgebra, Aufmann & Lockwood (5th edition)

Course Objectives: 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. (CHAPTERS: 1,2,3,4,5,6,7,8 & 9) & Intro of Functions.

Student Learning Outcomes:

- * 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.
- * **Grading:** Your grade in this course will be based on 1) QUIZZES, 2) THREE MID TERM TESTS and 3) a comprehensive FINAL EXAM, weighted as follows: It is a point system...

ATTENDANCE : 1.Attendance is strongly emphasized.

2. If you are absent more than two times, you will be dropped .

3. For each absence either you contact me through email before the absence why you are absent or bring a note from the Doctor/Parent the reason for your absence, when you attend the class..

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4. Since mathematics is cumulative in nature, attendance at all classes is expected.
5. Students should be aware of appropriate drop dates.
6. When you are absent, it is your responsibility to get the notes from other students who attend this same class. If you miss a quiz or test YOU CANNOT MAKE it UP.
7. **Your classmates are your great resource.** *******It is strongly suggested** that you get the names and email/ phone numbers of *several* students in the class so that you may contact others for any missed assignments , should you be absent.

Note: . It is the student's complete responsibility to drop this class when the student cannot continue the course for any reasons. If a student is **absent more than two times** (unexcused absences) he/she will be dropped by me.

* **Homework :** Homework assignments are given on each day of the class. They represent the student's opportunity to learn what was taught, by practicing both mechanical skills and problem-solving techniques. The student is expected to do –and is responsible for– all assigned problems associated with the section(s) of the text covered each class meeting.

* The students are encouraged to ask questions from the HW, at the beginning of next class. Also, students can always meet me one-on-one, during my office hours, after your visit to tutoring.

* **Note:** 1. Every student MUST bring 1) Text book ; 2) A scientific calculator 3) Writing material; 4) Graph paper; PEN OR PENCIL every day to the class.

* PLEASE Feel free to approach me about any of your problems at any time through email.

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* I am email active, so will give u reply in 24 hours.

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GRADING: . It is a POINT system.

1. QUIZZES: (5 points each ; 20 quizzes (20. 5 = 100 points)

- a) Quizzes are given at the beginning of the class, or after the class. Duration: 10min.
- b) If a student is late to the class, he/she must understand that No extra time is given for the quiz.
- c) A total of 20 quizzes are given and **no quiz score is dropped**, all are counted.
- d) And **no quizzes are made up**, if any student is absent for any quiz for any absence.

2. MID-TERM TESTS (3): (3 TIMES 100 = 300 points)

- a) 3 Mid-terms are given in the quarter.
- b) The Mid-term test is given on a THURSDAY at the beginning of the class. Duration is 50 min-1 hour.
- c) If a student is late to the class, he/she must understand that No extra time is given for the TEST.
- d) TESTS are **NOT** made up if any student is absent for any Mid-term test for any reason, excused OR UNEXCUSED

3. **FINAL EXAM: (100 points)** There will be a comprehensive final exam on the last day we meet. A student **must take** the final exam to pass the course. Before going to the finals even if a student has a passing score, but if he/she does not attend the final exam, he/she will earn only F. So TAKING FINAL EXAM IS MANDATORY. Calculators are allowed on the final exams.

Additional Information:

1. The instructor reserves the right to change the dates of quizzes, Tests & the dates of the lessons.
2. Keep all your graded material until the end of the class in case the COMPUTER file is lost

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Category	Date/ Day/ Time	Total Points
1. Attendance (taken daily)	1 point each day. 20 classes are counted.	20 points
2. Bonus Points (questions)-Assigned each dy.	20 classes-Bonus points in the whole quarter are counted ; (20 times 2 points each)	40 points
3. HW check every class	20 times 2 points (20 HW are counted)	40 points
4. Quizzes	Every Tuesday and Every Thursday ; (20 times 5 points each); Quiz Time: 10 min	100 points
5. Mid-Term - 1	Test Time ----50 min to 1 hour	100 points
6. Mid Term - 2	Test Time ----50 min to 1 hour	100 points
7. Mid-Term - 3	Test Time ----50 min to 1 hour	100 points
8. Final Exam	Jun 29th (Thursday) Exam Time-- 2 hours (4 - 6pm)	100 Points
Sum of all of the above		500 points

Letter Grade: Course grades will be determined on a standard scale at the end of the quarter.

$\geq 90\% \rightarrow A / A+$ $\geq 80\% - 89\% \rightarrow B / B+$

$70\% - 79\% \rightarrow C / C+$ $60\% - 69\% \rightarrow D / D+$ $\leq 59\% \rightarrow F.$

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210 Aufmann & Lockwood (Lessons that will be taught)

1.1 - 1.5 2.1 - 2.5 3.1 - 3.6 4.1 - 4.6 5.1 - 5.7 6.1 - 6.6
 7.2 - 7.4 8.1- 8.2 (examples from 8.3) 9.2 - 9.4 (No similar and congruent triangles in 9.2);
 Intro of Functions (Separate Notes)

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Tentative Schedule:

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DATE	DAY	Class	TOPIC/ACTIVITY
APR 11th	TUE	1st class	Discussion about the course & Class policies Lesson 1.1 (From Text book Pre Algebra by Aufmann & Lockwood)
APR 13th	THUR	2nd Class	(Add Codes will be given); Lessons: 1.2 & 1.3
APR 18th	TUE	3rd Class	Lessons: 1.4 & 1.5
APR 20th	THUR	4th class	2.1 & 2.2 & 2.3
APR 25th	TUE	5th Class	2.4 & 2.5 ; Review on 1st and 2nd chapters
APR 27th	THUR	6th Class	Mid term test - 1 (50 min) (Chapters 1 and 2) : Lesson 3.1 & 3.2
May 2nd	TUE	7th Class	3.3 & 3.4
May 4th	THUR	8th Class	3.5 & 3.6
May 9th	TUE	9th class	4.1 & 4.2
May 11th	THUR	10th class	4.3 & 4.4
May 16th	TUE	11th Class	4.5 , 4.6 & 5.1
May 18th	THUR	12th class	5.2, 5.3 & 5.4

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May 23rd	TUE	13th class	5.5, 5.6 & 5.7 ; Review of Chapters... (3, 4, and 5)
May 25th	THUR	14th class	Mid term Test - 2 (50 min) (Chapters 3, 4 & 5) : Lesson 6.1 & 6.2
May 30th	TUE	15th Class	6.2 & 6.3
Jun 1st	THUR	16th class	6.3 & 6.4 and Intro of functions
Jun 6th	TUE	17th class	6.5 & 6.6
Jun 8th	THUR	18th class	7.2 & 7.3
Jun 13th	TUE	19th class	7.4 (Review of Chapters 6 and 7)
Jun 15th	THUR	20th class	Mid term Test - 3 (50 min) (Chapters 6 and 7) : Lesson 8.1
Jun 20th	TUE	21st class	8.1, 8.2 & (Examples from 8.3)
Jun 22nd	THUR	22nd class	9.2 & 9.3 & 9.4 (And review for final exam)
Jun 27th	TUE		No Class! Final Exam week
Jun 29th	THUR		FINAL EXAM --- 2 hours (4 pm- 6 pm)

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Getting Help: In addition to coming to me for help during my office hours, you can get help at the *Math, Science & Technology Resource Center (MSTRC)* in S43. They are open M-Th 8:30am – 6:30pm and F 8:30am – 12:30pm.

Cheating Policy: Any student caught cheating on a quiz or an exam will receive 0 points on that quiz or exam. The same holds for any student who allows another student to cheat.

* ** Disruptive classroom behavior may include (but is not limited to) the following: talking when it does not relate to the discussion topic, sleeping, reading other material (e.g. newspapers, magazines, textbooks from other classes), eating or drinking, monopolizing discussion time, refusing to participate in classroom activities, texting, and engaging in any other activity not related to the classroom activity

*** **Cell phones** : should be switched off before entering the class and YOU SHOULD NOT use a cell phone AS a CALCULATOR. If I see that if cell phone is on, he/she may be asked to leave the class. And that would be counted as half absent. Also points are subtracted from the earned points.

Important Dates:

Saturday, April 22 :: Last day to [add](#) quarter-length classes. *Add date is enforced.*

Sunday, April 23 :: Last day to [drop](#) for a full [refund or credit](#) for all students (quarter-length classes only)..

Sunday, April 23:: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, May 5 :: Last day to [request pass/no pass](#) grade. *Request date is enforced.*

Friday, June 2:: Last day to [drop](#) with a "W." *Withdraw date is enforced.*

Saturday - Monday, May 27-29 :: Memorial Day Weekend (no classes)

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