

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

MATH 210. 23 – Spring 2016

PRE-ALGEBRA

Classroom: G-5

MW 1:30 pm – 3.45 pm

Instructor: *Ms. Nirmala Janak*

e-mail: janaknirmala@fhda.edu

Office Hours: Tuesdays & Thursdays : **1.30 pm to 2.20 pm. (ROOM E-37)**

Required Text: Pre-algebra, by 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) CW/HW, 2) QUIZZES, 3) THREE MID TERM TESTS and 4) a comprehensive FINAL EXAM. It is a POINT system.
- * **ATTENDANCE :** **Attendance is strongly emphasized.** When you are absent, it is your responsibility to get the notes from other students who attend this same class. Your classmates are your great resource. CW is assigned in each class, and neat CW needs to be submitted every Monday.
- * You are expected to attend all classes. Tardy counts as half an absence. You are considered tardy if you come to the class after teaching is started.. Also leaving the class early will count as half an absence. If you accumulate five absences you will be dropped from the class. Please inform me by email if you are going to be absent and the reason for it. **YOU MUST BE IN CLASS EVERY DAY FOR THE FIRST TWO WEEKS OF CLASS OR YOU MAY BE DROPPED.** Each absence(up to three) can be cleared by taking 1 hour/ for each absence (total : 3hrs) of tutoring, if you intimate me the reason prior to the absence by e-mail.. The rest will be counted.
- * For an absence if you bring a medical or court excuse (professional letterhead is required) **ON THE DAY YOU ATTEND THE CLASS** , that will be recorded and will be considered and the absence will not be counted against you. **If no excused document is produced absences will be counted.**
- * QUIZZES OR TESTS are **NOT** made up, even if it is an excused absence.

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- * Homework problems are given at the end of each class. YOU NEED TO TURN IN HW PROBLEMS EVERY WEDNESDAY. It is your responsibility to do them without fail, and you are encouraged to ask questions from that HW, at the beginning of next class, if you did not understand any problems from your HW OR you can always meet me one-on-one, during my office hours, for help.

GRADING

- 1. CW Problems Check: (2 points for each CW; (20 points/ Every MONDAY) (IF IT IS VERY NEAT WORK 5 points will be added. TOTAL 25 points)** Each day notes is given for each topic and class work problems are assigned to finish in the class period. *At the end of that particular chapter(or chapters)* you need to show that to me and get it signed by me. Each CW work (signed by me) is worth 2 points. If you are absent any day you will be given chance (for an excused absence) to show the missed CW in the next class for (not later than that) those missed 2 points.
- 2. HOME WORK Check: (2 points for each HW; (20 points/ Every Wednesday) (IF IT IS VERY NEAT WORK 5 points will be added. TOTAL 25 POINTS)** HW problems are given for each topic when a topic is finished. After we finish that *particular chapter* you need to show HW to me and get it signed by me either on Monday or Wednesday depending upon when the chapter is finished. Each HW work (signed by me) is worth 2 points. If you are absent any day you will be given chance (for an excused absence) to show the missed HW in the next class for (not later than that) those missed 2 points.
- 3. QUIZZES: (10 points each ; Total 100 points) 10 QUIZZES** are given at the beginning or end of a class, for 15-20min. **Calculators are ALLOWED on the quizzes. Make-up quizzes will not be given.** So you can get a maximum of 100 points for all the quizzes.
- 4. MID-TERM TESTS: (3 TIMES 100 = 300 POINTS):** Three Mid term Tests are given in this quarter. See the tentative schedule below. A consideration is given when you are absent for ONE MID - TERM TEST under emergency situations (proof is needed). In such cases, The final exam score will REPLACE for that one missed test. ONLY ONE TIME. You need to be present for the rest of the tests. If you are NOT absent for any test, then your final exam score will replace ONE(ONLY ONE) failing score of one test. The remaining two test scores will be counted as they are.
- 5. FINAL EXAM: (200 points):** You *must* take the final exam to pass the course. A two-hour comprehensive exam will be given. *If you miss the final exam, you will receive an F for the course*, even if you are passing before final exam. Students may bring 1 page of formulas to the final. Finals must be taken at scheduled time during finals week.

Final Exam is on June 22nd (MONDAY - 1.45 Pm - 3.45 pm (2 hours) .

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Category	Description	Points	%
1. Class work (notes and solved problems) at the end of each chapter.	The CW needs to be shown at the end of class of each Monday. The signed CW is worth 2 points. Max of 10 CW. (10.2=20)	20(+5) =25	4.1%
2. Home work Problems (Not just answers. Show work)	HW is checked on every Wednesday . Need to submit as you enter the class. Max of 10 HW. The signed HW is worth 2points (10.2=20)	20(+5) =25	4.1%
3. Quizzes (10 quizzes) 15- 20 min	Monday OR Wednesday(either at the beginning or at the end of the class) (10.10=100)	100	16.7%
4. Mid-Term - 1	April 25th (Monday)	100	16.7%
5. Mid-Term - 2	May 16th (Monday)	100	16.7%
6. Mid Term - 3	June 6th (Monday)	100	16.7%
7. Final exams	Wednesday (June 22nd) - 2 hours ; 11.30 am to 1.30 pm.	150	25%
Total points	-----	600	100%

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

(90% - 94% → A) (80% - 84% → B) (70% - 74% → C)
 (95% - 100% → A+) (85% - 89% → B+) (75% - 79% → C+)
 (60% - 64% → D) (65% - 69% → D+) ≤ 59% → F.

Tentative Schedule

DATE	DAY	Class	TOPIC/ACTIVITY
Apr 4th	M	1st class	Discussion about the course & Class policies Lesson 1.1 & 1.2 (Q-1) (CW due)
6th	W	2	Lesson: 1.2 & 1.3 (HW due)
11th	M	3	Lessons: 1.3 & 1.4 & 1.5 (CW due)
13th	W	4	Q-2 ; Lessons: 2.1 & 2.2 & 2.3 (HW due)

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18th	M	5	2.4 & 2.5 ; Review on 1st and 2nd chapters (CW due)
20th	W	6	Mid term test - 1 (50-60 minutes) (Chapters 1 and 2) : Lesson 3.1 & 3.2 (HW due)
25th	M	7	Lessons: 3.3 & 3.4 & 3.5 ; (CW due)
27th	W	8	Q-3; Lessons: 3.6 & 4.1 & 4.2 ; (HW due)
MAY 2nd	M	9	Q-4 Lessons: 4.3 & 4.4; (CW due)
4th	W	10	Q-5; Lessons: 4.5 & 4.6 ; (HW due)
9th	M	11	Q-6; Lessons: 5.1 & 5.2 ; (CW due)
11th	W	12	Q-7 ; Lessons: 5.3 & 5.4 & 5.5 (HW due)
16th	M	13	Lessons: 5.6 & 5.7 ; Review of Chapters... (3, 4, and 5) ; (CW due)
18th	W	14	Mid term Test - 2 (50 min) (Chapters 3, 4 & 5) : Lesson 6.1 & 6.2 ; (HW due)
23rd	M	15	Lessons : 6.2, 6.3 & 6.4; (CW due)
25th	W	16	Q-8 ; Lessons: 6.5 & 6.6 ; (HW due)
30th	M	17	Lessons: 7.2 & 7.3 ; (CW due)
JUN 1st	W	18	Q- 9; Lesson: 7.4; Intro of Functions; Review of Chapters 6 & 7 (HW due)
6th	M	19	Mid term Test - 3 (50 min) (Chapters 6 and 7) : Lesson 8.1
8th	W	20	8.1, 8.2 & (Examples from 8.3) (HW due)
13th	M	21	Q-10 ; Lessons: 9.2 & 9.3 & 9.4 (CW due)
15th	W	22	Review for the Final Exam; Chapters: (1,2,3,4,5,6,7,8 & 9)
20th	M		FINAL EXAM --- 2 hours (1.45 pm- 3.45 pm)

*****EXTRA-CREDIT WORK: CLASS PARTICIPATION: (Max: 20 points)** Two points will be given each time you come forward and do a problem on the board FROM THE HOME WORK (from the sections we covered in class the previous week), a maximum of 20 points for each student for the whole quarter. These points will be lost and cannot be made up if you are absent from class. **Also for neat, clean CW and HW (nicely stapled) Extra 5 points for each are added (Total 10 points)**

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My Scores

CW Points: 2 points; Circle the day when you get that day's points

MON	MON	MON	MON	MON	MON	MON	MON	MON	MON	Total
Apr 4	Apr 11	Apr 18	Apr 25	May 2	May 9	May 16	May 23	May 30	Jun 13	
2	2	2	2	2	2	2	2	2	2	/ 20

HW Points: 2 points; Circle the day when you get that day's points

Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Total
Apr 6	Apr 13	Apr 20	Apr 27	May 4	May 11	May 18	May 25	Jun 1	Jun 8	/ 20
2	2	2	2	2	2	2	2	2	2	

Quizzes: 10 quizzes; 10 points each; Put your score under the quiz:

Q-1	Q-2	Q-3	Q-4	Q-5	Q-6	Q-7	Q-8	Q-9	Q-10	Total
Apr 4	Apr 13	Apr 27	May 2	May 4	May 9	May 11	May 25	Jun 1	Jun 13	/ 100
/ 10	/ 10	/ 10	/ 10	/ 10	/ 10	/ 10	/ 10	/ 10	/ 10	

Midterm Tests: 3 Midterm tests; Each is 100 points:

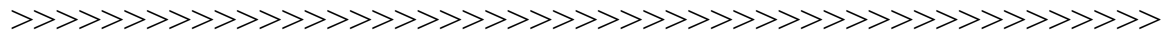
April 25th -Test-1 (Monday)	May 16th- Test-2 (Monday)	June 6th - Test-3 (Monday)	Total - 300 Points
/ 100	/ 100	/ 100	/ 300

Note: By filling up all these on a regular basis you get an idea what your scores are at any given time. ALL THESE points ARE OUT OF 450 POINTS, before going into final exams, which is 150 points..

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STUDY WELL AND DO WELL!! THE SUCCESS DEPENDS ON YOUR HARD WORK !!
Practice! Practice! Practice!

ALL THE BEST!!



Getting Help: In addition to coming to office hours, you can get help at the *Math, Science & Technology Resource Center (MSTRC)* in S-43. 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.

* **Cell Phones:** 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 your cell phone is on, you may be asked to leave the class. And that would be counted as half absent. Either from CW or HW- from the earned points, points are subtracted

* **College Policies:** 1. Students can not take the same class more than three times for a grade, including W. 2. Late adds and late drops will not be processed.

Important Dates: (Also check College web site for more info)

Saturday, April 16th, 2016 :: Last day to [add](#) quarter-length classes. *Add date is enforced.*

Sunday, April 17th, 2016:: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, May 26th, 2016 :: Last day to [drop](#) with a "W." *Withdraw date is enforced.*