

Winter 2016--BEGINNING-ALGEBRA

TTH 1:30 pm – 3.45 pm

Course	Math 212.23
Instructor	Mrs. Nirmala Janak
e-mail	janaknirmala@fhda.edu
Class-Room	SC3103
Office Hours(For Tutoring)	M, Tu, and Wed 11.45 am- 12.45 pm
Room	E-37

Course Description:

Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Course Text : Intermediate Algebra for college students, 5th edition, by Blitzer, published by Pearson Education, 2009. **Student Learning Outcomes: (SLO's)**

- * 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 visual --- visual, formal, numerical, and written.
- * Demonstrate an appreciation and awareness of applications in their daily lives.

Student's Responsibilities:

1. You need to bring 1) Text book ; 2) Scientific Calculator; 3) Writing material (pen/pencil/loose-leaf papers) every day to the class. If I see any day that you did not bring any of them, points will be deducted from your class activities (CW/HW/GA) Points.
2. **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. Both CW and HW points are subtracted from the earned points.

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.
- * 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 for not subtracting the points from the class room activities (CW/HW). However you need to show the missed CW/HW to get the points. **If no excused document is produced points will be deducted form class room activities even if you have done that missed CW and HW problems.**
- * QUIZZES OR TESTS are not made up , even if it is an excused absence.
- * Homework problems are given at the end of each class. . 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. Also, you can always meet me one-on-one, during my office hours, for help.

GRADING: Grading is done in the following categories.

1. **CLASS ROOM ACTIVITIES:**

a) **CW Problems Check: (one point for each CW; (20 points (20.1= 20)**

Everyday (maximum of 20 classes) notes is given for each topic and class work problems are assigned to finish in the class period. *Before the end of the class* you need to show that to me and get it signed by me. Each CW work (signed by me) is worth 1 point. If you are absent any day you will be given chance to show the missed CW in the **next class** for a point. (if it is an excused absence as mentioned above). Not later than that.

b) **HOME WORK Check: (2 points each; (10. 2 = 20 points): On each Thursday (at the beginning of the class)** HW will be collected and graded and given it to you back in the same class. HW is worth 2 points every week, for total of 10 HW grades. If you are absent on any Thursday you will be given chance to give the HW in the **next class** (if it is an excused absence as mentioned above). Not later than that.

c) **Group Activity: (10 points for each person in the group):** Students are divided in to groups for this activity. The Group presents a particular topic to the fellow students on an assigned day - 15 to 20 min presentation. I will explain more about this in the class prior to the group activities.

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

Quizzes are given on some **Thursdays** at the beginning of the class. **in the first 15 - 20 min.** If you are late to the class you loose the time. No extra time is given. **A total of 6 quizzes are given** and **one lowest quiz score is dropped. Only 5 quizzes are counted.** **If you are absent on a quiz day, that would be your dropped score in place of lowest score. The rest of the 5 quizzes are counted.**

3. **MID-TERM TESTS (3): (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 be given for that one missed test. ONLY ONE TIME. You need to be present for the rest of the tests.

4. **FINALEXAM: (200 points)** There will be a comprehensive final exam on the last day we meet. See the tentative schedule below. You ***must take*** the final exam to pass the course.

Letter Grade: Course grades will be determined on a standard scale at the end of the quarter. **(Total-650 Points)**

[387 - 419] = D	[420 - 451] = D+	[452 - 485] = C
[60% - 65%) = D	[65% - 70 %) = D +	[70% - 75%) = C

[486 - 516] = C+	[517 - 549] = B	[550 - 581] = B+
[75% - 80%) = C+	[80% - 85%) = B	[85% - 90%) = B+

[582 - 614] = A	[615 - 650] = A+
[90% - 95%) = A	[95% - 100%] = A+

< 387 = F; Below 60% = F

Category	Description	Score
1. Class work (notes and solved problems) at the end of each class.	The CW needs to be shown at the end of each class. The signed CW is worth 1 point. Max of 20 CW. (20. 1)	20 points
2. Home work Problems (Not just answers. Show work)	HW is checked on every Thursday. Need to submit as you enter the class. Max of 10 HW. Each is worth 2points (10.2)	20 points
3. Group Activity- in the class	Each group will present a certain topic in the class for 15 to 20 min on an assigned day.	10 points
4. Quizzes (6 quizzes)15- 20 min	Thursday : 1.30 pm- 1.45pm (5 . 20 = 100) 1q is dropped.	100 points
5. .Mid-Term - 1	Jan 28th (Thursday) - 1.30 pm - 2.20 pm (50 min)	100 points
6. .Mid-Term - 2	Feb 25th (Thursday) Test Time : 1.30 pm - 2.20 pm (50 min)	100 points
7. . Mid Term - 3	March 10th (Thursday)Test Time : 1.30 pm - 2.20 pm (50 min)	100 points
8. Final exams	March 22nd (Tuesday) - 2 hours ; 1.45 pm to 3.45 pm.	200 points
Total points	----- -----	650 points

Tentative Schedule:

Week 1: (On the 1st day of the class -- I will discuss about the Course, Syllabus, Class & College policies & Student responsibilities etc; and then proceed to lessons)

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Jan 5th	TUE	Class - 1	1.1 & 1.2	CW-1	No	No	No
Jan 7th	THUR	Class - 2	1.3 & 1.4	CW- 2	HW - 1 (1.1 & 1.2)	No	No

Week -2 :

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Jan 12th	TUE	Class-3	1.5 & 1.6	CW-3	No	No	No
Jan 14th	THUR	Class-4	1.6 & 2.1	CW-4	HW - 2 (1.3, 1.4 & 1.5)	Quiz- 1 (1.1-1.5)	No

Week - 3 (GA = Group Activity)

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Jan 19th	TUE	Class-5	2.1 & 2.2	CW-5	No	No	No
Jan 21st	THUR	Class-6	2.3, 2.4 & GA	CW-6	HW - 3 (1.6 & 2.1 & 2.2)	Quiz- 2(1.6, 2.1 & 2.2)	No

Week - 4

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Jan 26th	TUE	Class-7	2.5 & Review for test	CW- 7	No	No	No
Jan 28th	THUR	Class-8	3.1	CW- 8	HW - 4 (2.3, 2.4)	No	Test-1(1.1-1.6 & 2.1- 2.4)

Week - 5

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Feb 2nd	TUE	Class-9	3.2 & GA	CW-9	No	No	No
Feb 4th	THUR	Class-10	4.1 & GA	CW-10	HW - 5 (2.5, 3.1 & 3.2)	Quiz- 3 (2. 5, 3.1 & 3.2)	No

Week - 6

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Feb 9th	TUE	Class-11	4.4 , 5.1 & GA	CW-11	No	No	No
Feb 11th	THUR	Class-12	5.2 & 5.3 & GA	CW-12	HW - 6 (4.1 & 4.4 & 5.1)	Quiz- 4 (4.1, 4.4 & 5.1)	No

Week- 7

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Feb 16th	TUE	Class-13	5.4 & 5.5	CW-13	No	No	No
Feb 18th	THUR	Class-14	5.6 & GA	CW-14	HW - 7 (5.2, 5.3 & 5.4 & 5.5)	Quiz- 5 ((5.2, 5.3, 5.4 & 5.5)	No

Week - 8

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Feb 23rd	TUE	Class-15	5.7 & Review for test	CW-15	No	No	No
Feb 25th	THUR	Class-16	7.1 & GA	CW-16	HW - 8 (5.3, 5.4 & 5.5)	No	Test-2 (2.5, 3.1, 3.2, 4.1, 4.4, 5.1- 5.5)

Week- 9

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Mar 1st	TUE	Class-17	7.7 & GA	CW-17	No	No	No
Mar 3rd	THUR	Class-18	8.1 & GA	CW-18	HW - 9 (5.6, 5.7, 7.1 & 7.7)	Q- 6 (5.6, 5.7, 7.1 & 7.7)	No

Week - 10:

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Mar 8th	TUE	Class-19	8.2 & GA	CW-19	No	No	No
Mar 10th	THUR	Class-20	8.3 & GA	CW-20	HW -10 (8.1, 8.2)	No	Test-3 (5.6,5.7, 7.1, 7.7, 8.1)

Week - 11:

Date	Day	# of classes	Topic	CW Check	HW Check	Quiz	Test
Mar 15th	TUE	Class- 21	8.3 & GA	No	No	No	No
Mar 17th	THUR	Class- 22	Review for the Final Exam	No	No	No	No

Week- 12:

Final Exam week : Exam on March 22nd (Tuesday) - 1.45 pm - 3. 45 pm (2 hours)

Important Dates:

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

Sunday, Jan. 17 :: Last day to [drop](#) for a full [refund or credit](#) (quarter-length classes). *Drop date is enforced.*

Monday, Jan. 18 :: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, Jan. 29 :: Last day to [request pass/no pass](#) grade. *Request date is enforced.*

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

- * **Getting Help:** In addition to coming to 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.
- * **College Policies:** Students *can not* take the same class more than three times for a grade, *including W*. Late adds and late drops *will not* be processed.

Midterm Tests: 3 Midterm tests each is 100 points:

Jan 28- Test - 1	Feb 25 - Test - 2	Mar 10 - Test- 3	Total - 300 Points
/ 100	/ 100	/ 100	

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 200 points..

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

ALL THE BEST!!