Instructor: Ms. S. Arabhi (pronounced AA-rub-hee)

E-mail: arabhisundararajan@fhda.edu

Office Hours: Part-time office E37: Tuesday, Friday: 11:20 AM – 12:20 PM

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or Math 210 or equivalent with a grade of C or better.`                                    `

Required Text: Intermediate Algebra for college students (7th edition) by Robert Blitzer, Pearson Prentice Hall.

Course Objectives: (This is not an exhaustive list.)
Introduction to Problem Solving, Functions, Linear Equations, Inequalities, Polynomials, Systems of Linear Equations, Quadratic Equations. (Chapters 1, 2, 3, 4, 5, 7, 8 from the text book)

Student Learning Outcomes:

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

Homework:

- Reading assignments & problems from the text will be assigned in every class and it is your responsibility to solve the problems and keep a written record. We will discuss solutions to some problems, but not all.
- Written Homework will be due when I finish a chapter. You are encouraged to work in groups, but do not copy each other's work.
- Each written homework assignment will be worth 5 points. NOTE that in the written homework, answers must have supporting work to receive credit! (Answers alone will receive a 0 score.)
- **I will <u>not</u> accept homework on paper torn from spiral notebooks. Also, staple or use paper clips to hold your work together. Please do not fold the corners.** LATE OR ILLEGIBLE HOMEWORKS WILL NOT BE ACCEPTED.
- Please also go over the Homework Dos and Don'ts handout thoroughly. Please find out about any missed work, assigned homework from "My portal" or a friend, if you are absent from class. <u>Please do not ask me.</u>

Quizzes: There will be a quiz every Friday at the end of class (10 minutes) related to the material taught the previous Friday, Monday, Tuesday, Wednesday, and Thursday. Do your reading and homework everyday, to fair well in these quizzes. ***Don't miss any of these since there will be NO MAKE-UP quizzes***. I will drop 2 lowest quiz grades at the end of the semester, so if you are absent during a quiz, the absent quiz could be your dropped quiz.

Special Quizzes / Tutorial: (10 points each)
A set of questions will be given in class, and you will be allowed to work in groups. You have to turn in the solution at the end of the class. These quizzes are special because I will assist you in solving the problems. These quizzes will assess your understanding of the material taught in the class as well as encourage you to work in groups. These will also help you review for the exam next day. This will be closed book, so you should be prepared with the material. Don't miss these, since there will be no make-ups.

Exams: Exams are primarily based on homework, problems from quizzes, and solved problems in the textbook. So the best way to prepare for exams is to sincerely do all the homework, read the book, learn from your mistakes in the quizzes, and clear all your doubts as soon as you can. There will be three written exams (50 minutes), two tests (25 points each), and a final exam (2 hours). There will be NO Make ups for any exam. It is your responsibility to let me know as soon as possible (within 24 hours) if you are going to miss an exam (via phone, e-mail, note, in-person, etc) and provide "valid" reason and documentation for the absence. **(Sum of points of Test 1 and Test 2 will be considered as Exam 4. At the end of quarter, the lowest score of the four exams will be dropped.)** The final exam will be CUMULATIVE, i.e. it will contain everything covered during the course. **FINAL EXAM IS SCHEDULED FOR Tuesday, December 13th from 9:15 AM to 11:15 AM in our regular classroom S15.**

Pop quizzes/ Class Participation & Attendance: Attendance is strongly emphasized and class participation is actually part of your course grade. There will be pop/surprise quizzes at any time/any day.

POP QUIZZES will be given at ANY TIME during class, so please be in class on time. Study every day and be ready with any questions you have. I always encourage class discussions. My classes always begin promptly, so I ask that you be on time. Please wear a watch and don't enter the classroom if you are late. [During the first week of class this policy is relaxed.] Students who attend regularly and show up on time to my classes are almost always successful. I may drop a student from the class if they are absent 4 or more times, or miss a major exam. (But do not assume if you stop coming to class, you will automatically be dropped. You are responsible for dropping yourself out of this class). I will also drop any student who, in my judgment, is habitually disrupting the class. Please switch off all noise making devices and wait to text until after the class ends. IF YOU MISS ANY CLASS, ASK YOUR CLASSMATES FOR THE MISSED WORK. PLEASE DO NOT ASK ME

Grading:

Class Participation	10 Points	M, T, W, Th, F
Quizzes (5 Points each)	45 Points	Every Friday
Written Homeworks (2 pts each section)	50 Points	Due at the end of every chapter (will be announced)
Special Quiz (10 point)	40 Points	See calendar
Exam 1	50 Points	TUESDAY, October 18th
Exam 2	50 Points	TUESDAY, November 8th
Test 1	25 points	Tuesday, October 11th
Test 2	25 points	Thursday, November 17th
Exam 3	50 Points	TUESDAY, November 29th
Extra Credit pop quizzes	Upto 40 pts	Any day at any time during class
Final Exam	**100 Points**	**Tuesday, December 13th: 9:15 AM to 11:15 AM Room S15**

Letter Grade: I do not curve.
Course grades will be determined on a standard scale:

$\geq$ 97 % → A+	94 - 96.9% → A	90 - 93.9% → A-
87 - 89.9% → B+	84 - 86.9% → B	80 - 83.9% → B -
77 - 79.9% → C+	70 - 76.9% → C	
67 - 69.9% → D+	64 - 66.9% → D	60 - 63.9% → D –
$\leq$ 59.9% → F		

NOTE:
- Last day to **drop class** with a full refund is **Sunday, October 9th**.

- The deadline for dropping with a "W" **is Friday, 18ᵗʰ November**. In every case, a student is responsible for dropping him/herself. You should not assume that you are automatically dropped from the class for non-attendance. Students on the final grade roster who have not dropped, and who do not show up for the final exam, automatically receive an F in the course.
- **Last day to add** is Saturday, October 8ᵗʰ. I will hand out add codes to students who want to add this course based on the class strength, attendance and/or quiz result(s).

- **Cheating** on any exam/quiz/assignment/tutorial may result in an F grade for the course. Cheating is absolutely prohibited in my class! Looking at someone else's exam, helping another student during an exam, talking to anyone except me during an exam, or using an external source of information for which you were not explicitly given permission, will result in an instructor drop or an F grade for the course. Cheating incidents will also be reported to the Dean of Students.

- ## A Word about cell phones: It is our expectation that your phone will be turned off and stowed in your purse or backpack during class. They should never be seen while class is in session. If your phone sounds during a quiz or exam, this will be an indication that you are done with the quiz or exam and you risk having your paper taken from you or points deducted. Please switch off your cell phones / beepers before entering the class out of courtesy to others. If you decide to take a call or text during class, I'll probably ask you to take the rest of the class off.

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

Additional Assistance

1) Your classmates: Many students find informal study partnerships and groups to be most helpful in learning math. I recommend that you study with others in this class. The effort to meet someone in class is worthwhile.

2) **See me during office hours:** Please feel free to ask me questions during class time or fix appointments outside class timings. I'll give you as much direction and assistance as I can, and refer you to additional resources as needed. Do not wait until you are drowning to get help.

3) The Math, Science & Technology Resource Center (MSTRC) in S43 provides assistance M-Th: 830 AM to 630 PM and F:8:30 AM to 12:30 PM.

4) Any student with a documentable disability who needs academic accommodations should contact:
   a) Disability Support Services(DSS): Student Services Building (408) 864 8839
   b) Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864 8839
   c) Special Education Division: 864 8407; WWW.deanza.edu/specialed

The key to being able to take advantage of any of these services is to be quick to recognize your need for assistance. It is always better to seek help sooner rather than later.

Contract
One purpose of this course syllabus is to provide you with the guiding principles upon which the class runs, and another is to make sure that you have at your fingertips, answers to any questions, which might arise. Please put this sheet in a safe place where you can easily refer to it**.** Please put this sheet in a safe place where you can easily refer to it. **Make sure you read the course syllabus in its entirety before you ask me any questions about the course.**

FALL 2016 CALENDAR for MATH 212, Section 6

Monday	Tuesday	Wednesday	Thursday	Friday
26 September **First day of class**	**27**	**28**	**29**	**30 QUIZ 1**
3 October	**4**	**5**	**6**	**7 QUIZ 2**
10	**11 Test 1** **(25 points)**	**12**	**13**	**14 QUIZ 3** **Last day to request pass or no pass grade**
17 **Special Quiz 1**	**18** **EXAM 1**	**19**	**20**	**21 QUIZ 4**
24	**25**	**26**	**27**	**28 QUIZ 5**
31	**1 November**	**2**	**3**	**4 QUIZ 6**
7	**8** **EXAM 2**	**9**	**10 QUIZ 7**	**11**
14	**15**	**16**	**17 TEST 2** **(25 points)**	**18 QUIZ 8** **Deadline to drop with a "W".**
21	**22**	**23 QUIZ 9**	**24** **Thanksgiving**	**25** **Thanksgiving**
28 **Special Quiz 3**	**29** **EXAM 3**	**30**	**1 December**	**2 QUIZ 10**
5	**6**	**7**	**8**	**9 QUIZ 11** **Last Day of Instruction** **Special Quiz 4**
12	**13** **FINAL EXAM** **9:15 to 11:15 AM**	**14**	**15**	**16**

Saturday, October 8th : Last day to add
Sunday, October 9th : Last day to drop for a full refund or credit
Friday, November 18th : Last day to drop a class with a W.