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

E - mail: arabhisundararajan@fhda.edu

Office Hours: Part-time office E37: Tuesdays and Thursdays : 11:20 AM to 12:10 PM

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or
        Mathematics 212 or equivalent with a grade of C or better.

Required Text: 1) INTERMEDIATE ALGEBRA, 5th Edition BY BLITZER or 2nd De Anza
        Custom Edition
        2) A Scientific Calculator (i.e. TI-30XIIS) (Do not buy graphing calculator)

Course Objectives: (This is not an exhaustive list.)
        (Chapters 1, 3, 4, 5, 6, 7, 9, 10, 11 from the text book)
        Application of exponential and logarithmic functions, rational functions, and sequences
        and series to problems. Emphasis on the development of models of real world applications
        and interpretation of their characteristics.

Student Learning Outcomes:

• Evaluate real-world situations and distinguish between and apply exponential, logarithmic,
rational, and discrete function models appropriately.

• Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete
models in a logical manner from four points of view – visual, formula, numerical, and written.

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. I will collect homework problems after finishing each chapter(ALL
sections in a chapter). I will check homework for completeness and may occasionally check it for
correctness. I will not 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 a friend, if
you are absent from class. Please do not ask me.

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***. *Do not ask for make-ups*. I will drop some 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.

Exams:

There will be three written exams and a final exam. All exam dates are on our calendar. There will be NO MAKEUPS for any of the exams, either before or after. It is your responsibility to let me know as soon as possible if you are going to miss an exam (via phone, e-mail, note, in-person, etc). **FINAL EXAM IS SCHEDULED FOR Wednesday, December 9th from 9:15 AM to 11:15 AM in Room MQ-2A.** All mid-term exams and Final exam are mandatory, and if you cannot take any of the exams at the scheduled time and date, please do not enroll in this class. The final exam will be CUMULATIVE, i.e. it will contain everything covered during the course. 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.

Special Quizzes / (Tutorial)

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.

Class Participation / Attendance / pop quizzes / class work :

- 15-30 points of your grade will be determined from class participation/daily activities. **These points will be lost and cannot be made up if you are absent from class.**

- There will be pop/surprise quizzes at any time/any day. These will be extra credit, so please do not miss these. Attendance is strongly emphasized and class participation is actually part of your course grade.

- Individual and group activities/worksheets, finished both in class and outside of class will count towards these 15 to 30 points.

- Study for at least 2 hours 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/ pop quizzes/ class worksheets	15 – 30 Points + Extra credit pop quizzes	M, T, W, Th, F
Quizzes (5 Points each)	45 Points	Every Friday
Homeworks (2 points / section)	60 Points	Due at the end of every chapter.
Special Quiz(10 points each)	30 Points	See calendar
Exam 1	50 Points	TUESDAY, October 13th
Exam 2	50 Points	TUESDAY, November 3rd
Exam 3	50 Points	TUESDAY, November 24th
Final Exam	**100 Points**	**Wednesday, December 9th : 9:15 to 11:15 AM MQ-2A**

Total Points: 400 to 430

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

≥ 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 –
≤ 59.9% → F		

Additional NOTES:

• Last day to **drop class** with a full refund and with no record of grade is **Sunday, October 4th.**

• The deadline for dropping with a "W" **is Friday, November 13th**. 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 3rd.

• **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. I will be extremely strict about not using any sort of electronic devices including cell phones, laptops etc during exams, quizzes.

• **A Word about cell phones:** It is my expectation and your responsibility that your phone 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 cannot take the same class more than three times for a grade, including W. Late adds and drops will not be processed.

<u>Additional Assistance</u> **(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.)**

1) Free online tutoring 7 days a week, 24 hours a day – use the following link:
   http://www.deanza.edu/studentsuccess/onlinetutoring/index.html

2) <u>Your classmates</u>: 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.

3) 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. **<u>Do not wait until you are drowning to get help.</u>**

4) 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.

5) 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

Contract

One purpose of this "green sheet" 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**.**

Make sure you read the green sheet in its entirety before you ask me any questions about the course.

Fall 2015 Math 114, Section 7

Monday	Tuesday	Wednesday	Thursday	Friday
21 September	22	23	24	25 Quiz 1
28	29	30	1 October	2 Quiz 2
5	6	7	8	9 Quiz 3
12 Special Quiz 1	13 EXAM 1	14	15	16 Quiz 4 Last day to request pass/ no pass grade
19	20	21	22	23 Quiz 5
26	27	28	29	30 Quiz 6
2 – November Special Quiz 2	3 EXAM 2	4	5	6 Quiz 7
9	10	11	12	13 Quiz 8 Last day to drop with a W
16	17	18	19	20 Quiz 9
23 Special Quiz 3	24 EXAM 3	25 Quiz 10	26 Thanksgiving Holiday – no class	27 Thanksgiving Holiday – no class
30	1	2	3	4 Quiz 11
7	8	9 FINAL EXAM 9:15 to 11:15 AM MQ-2A	10 FINAL EXAM 9:15 to 11:15 AM MQ-2A	11

– Last day to add : Saturday, October 3rd

- Last Day to Drop without a "W" grade : Sunday, October 4th