Math 114 Course Syllabus
De Anza College
Fall 2016

Instructor: Usha Ganeshalingam   **Office:** S76B
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Office Hours: M,Th 12:30-1:10 pm in S41
              Tu, Th 4-5 pm by email

Course: Intermediate Algebra; Math 114.12

Meets: M-F 11:30am-12:20pm in E32.

Course Description: This course is intended to extend and reinforce the concepts and skills learned in elementary algebra. Topics covered include compound inequalities, absolute value equations and inequalities, rational expressions and equations, radical expressions and equations, composite and inverse functions, exponential and logarithmic functions, and sequences and series.

Student Learning Outcomes:
(1) Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
(2) 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.

Text: *Intermediate Algebra for College Students* by Robert Blitzer; 5th edition or De Anza's 2nd custom edition bundled with MyMathLab access code.

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

Calculator: A scientific or graphing calculator is required for this course. **Cell phone calculators are not allowed during quizzes or exams.**

Software: All homework will be done online using MyMathLab. You will need to register at *www.mymathlab.com* to use this internet-based software. You will need the course ID given below in order to self register.

Course ID: ganeshalingam65791

In addition to the Course ID, you will also need an access code to use My-MathLab. If you purchase a textbook in new condition through the De Anza bookstore, you will get an access code bundled with the book. If you took Math 212 and purchased a bundle that included a MyMathLab access code, you can use it for this course. You must register using the Course ID provided. If your access code doesn't come bundled with the textbook, you will need to purchase an access code to use MyMathLab which you can do at *www.mymathlab.com*.

You can use MyMathLab for a free 14 day trial period. Select the option for "Temporary Access" at the bottom of the payment page. Follow the directions for access to the product for 14 days, and keep the emails that explain how to pay for access for the duration of your course.

Attendance: You are expected to attend every lecture. You may be dropped from the class if you miss any classes during the first 2 weeks.

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam or quiz. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. An exam or course grade of F may be given for any of the above infractions.

Classroom Behavior: Turn off and put away cell phones and other devices during class. No private conversations or disruptive behavior during class. Students disrupting class may be asked to leave or may be dropped.

Standards of Work: When needed, correct answers must be supported by correct work in order to receive credit. Even if your final answer is correct, you may lose credit if the instructor cannot read or understand your work, or if necessary steps are missing.

Grading:

Exams	300 Points
Homework	100 Points
Quizzes	60 Points
Activites	$40 - 60$ Points
Final	120 Points
Total	**620-640 Points**

Grade Breakdown:

A+: 97-100%	B+:87-88%	C+: 77-78%	D: 62-66%
A: 92-96%	B: 82-86%	C: 69-76%	D-: 60-61%
A-: 89-91%	B-: 79-81%	D+: 67-68%	F: < 60%

Exams: There will be 3 in class exams. Each exam is worth 100 points. They will be closed book and closed notes. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the corresponding portion of your final grade.

Homework: Homework assignments will be submitted via MyMathLab. Generally, assignments will be based on what was covered during a given week, and will be due the following week. See the course calendar for tentative due dates. All homework must be submitted by 11:30 AM on the due date. There will be a total of 10 homework assignments, with each assignment worth 10 points.

Quizzes: There will 5 in-class quizzes. Each quiz is worth 15 points and your lowest quiz score will be dropped. No make-ups will be allowed. In general, quizzes will be given the same day a homework assignment is due, and will cover the same material as the homework assignment. See the course calendar for tentative quiz dates.

Activities: We will have several in class problems/activities throughout the quarter which will count towards your activity score. These activities may be unannounced, and will generally be turned in at the end of the class session. No make-ups will be allowed, so it is important that you come to class regularly.

Final Exam: The final exam will be comprehensive and will be given on *Monday, December* 12th from 11:30 am -1:30 pm.

Important Dates: Important Dates:
- The last day to add classes is Saturday, October 8th.
- The last day to drop for a full refund is Sunday, October 9th.
- The last day to drop classes with no record of a grade is Sunday, October 9th.
- The last day to drop with a "W" is Friday, November 18th.

Getting Help: I am happy to answer questions and help with material you are having difficulty with during office hours. The math tutorial center in S43 also offers free individual and drop-in tutoring throughout the quarter.

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	26-Sep Introductions 1.6	27-Sep 1.6	28-Sep 4.2	29-Sep 4.2	30-Sep 4.3
2	3-Oct 4.3	4-Oct 5.6	5-Oct 5.6 **Quiz 1 (1.6,4.2,4.3)** HW 1 due	6-Oct 6.1	7-Oct 6.1
3	10-Oct 6.2	11-Oct 6.2	12-Oct 6.3 **Quiz 2 (5.6,6.1)** HW 2 due	13-Oct 6.3/6.4	14-Oct 6.4 Exam Review
4	17-Oct **Exam 1 (1.6-6.4)** HW 3 due	18-Oct 6.6	19-Oct 6.6	20-Oct 6.7	21-Oct 6.8
5	24-Oct 7.1 **Quiz 3 (6.6,6.7)** HW 4 due	25-Oct 7.1	26-Oct 7.2	27-Oct 7.2	28-Oct 7.3
6	31-Oct 7.3/7.4 **Quiz 4 (6.8,7.1,7.2)** HW 5 due	1-Nov 7.4	2-Nov 7.5	3-Nov 7.5/7.6	4-Nov 7.6
7	7-Nov 7.6 Exam Review	8-Nov **Exam 2 (6.6-7.6)** HW 6 due	9-Nov 9.1	10-Nov 9.1	11-Nov **Veteran's Day** **No Class**
8	14-Nov 9.2	15-Nov 9.2	16-Nov 9.3	17-Nov 9.3/9.4	18-Nov 9.4
9	21-Nov 9.5 **Quiz 5 (9.1-9.3)** HW 7 due	22-Nov 9.5/9.6	23-Nov 9.6/10.1	24-Nov **Thanksgiving** **No**	25-Nov **Holiday** **Classes**
10	28-Nov 10.1	29-Nov Exam Review	30-Nov **Exam 3 (9.1-10.1)** HW 8 due	1-Dec 11.1	2-Dec 11.1
11	5-Dec 11.2 HW 9 due	6-Dec 11.2	7-Dec 11.3	8-Dec 11.3	9-Dec Final Review
12	12-Dec **Final Exam** **11:30am-1:30pm** HW 10 due	13-Dec	14-Dec	15-Dec	16-Dec