

MATH 114

MPS

SPRING 2015

Instructor: **Dr Zack Judson**

Office Hours: MWF 11:30-12:20 S-43 (tutorial center)
TTh 12:30-1:20 E36b

Email: judsonzack@deanza.edu
(Note: I will not answer Math questions over email)

Prerequisite: Math 212 or an equivalent course

Text: **1) INTERMEDIATE ALGEBRA, 5th Edition by Clark and Anfinson**
2) A Scientific Calculator (i.e. TI-30XIIS)

Student Learning Objectives: 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.

Student Conduct: A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action.

Midterm Exams: (45%) Four exams will be given with no make-ups. If an exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score. Your lowest midterm will be dropped

Homework: (10%) Homework will be assigned daily and will be due on the following day. The top half of the first page of the assignment needs to be left blank for the daily quiz. The first 5 to 15 minutes of each class session will be dedicated to answering questions about the assignment. Each homework will be graded out of 10 points based on effort. Your lowest 4 homework scores will be dropped.

Groupwork: (10%) Students will often work in groups. This work will largely be graded based on effort. This work will frequently take place working together at the chalkboard.

Quizzes: (5%) Each day that homework is due, we will be taking a short quiz based on the homework. You will take the quiz on the top half of the first page of your homework assignment. Your lowest 4 quiz scores will be dropped.

Final Exam: (30%) On the last Wednesday of class there will be an exam covering all of the applications dealt with during this course. This score will be combined with the two-hour comprehensive exam that will be given during the final exam time.

Accommodations: Those of you who need additional accommodations due to disability, campus-related activities, or some other reason, please meet with me during the first two weeks of class to discuss your options.

Grading Scale: A : 93-100 B+ : 87-89 C+ : 77-79 D : 60-69 F : 0-59
 A- : 90-92 B : 83-86 C : 70-76
 B- : 80-82

Tentative Schedule
 Math 114 Spring Quarter 2015

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|-------------|-----------------------|--|------------------------|-----------------|----------------------------|
| April | Introductions 6 | Review of Factoring 7 | More Factoring 8 | Ch. 6.1 9 | Ch. 6.1 10 |
| April | Ch. 6.2 13 | Ch 6.2 14 | Ch. 6.3 15 | Ch. 6.6 16 | 17 |
| April | Ch. 6.8 20 | Ch. 6.7 21 | Ch. 6.7 22 | Review 23 | Midterm 1 24 |
| April / May | Ch. 7.1 27 | Ch. 7.2 28 | Ch. 7.3 29 | Ch. 7.3,4 30 | Ch. 7.4 1 |
| May | Ch. 7.5 4 | Ch. 7.6 5 | Ch. 7.6 6 | Ch 10.1 7 | Review 8 |
| May | Midterm 2 11 | Ch. 9.1 12 | Ch. 9.1 13 | Ch. 9.2 14 | Ch. 9.3 15 |
| May | Ch. 9.3 18 | Ch. 9.4 19 | Ch. 9.4 20 | Ch. 9.5 21 | Ch. 9.5 22 |
| May | Memorial Day 25 | Ch. 9.5 26 | Ch. 9.6 27 | Ch. 9.6 28 | Review 29 |
| June | Midterm 3 1 | Ch. 4.3 2 | Ch. 4.3 3 | Ch. 11.1 4 | 5 |
| June | Ch. 11.1 8 | Ch. 11.2 9 | Ch. 11.2 10 | Ch. 11.3 12 | Ch. 11.3 13 |
| June | Review 15 | Midterm 4 16 | Review 17 | Review 18 | Application Final 19 |
| June | Exit Survey 22 | Final 7:00 to 9:00 am 23 | 24 | 25 | 26 |

Important Dates: April 18: Last day to add a class.
 April 19: Last day to drop with no grade on record.
 May 1: Last day to request Pass/No Pass grade.
 May 29: Last day to drop with a "W".