

Fall 2008

MATH 109P Syllabus

Text: Michael Sullivan, Algebra Review

<u>WEEK</u>	<u>DATES</u>	<u>SECTIONS</u>	<u>TOPICS</u>
1	Aug. 25 - 29	Introduction, 1.1 1.1 1.2 1.3	Overview of Course, Start Notations/Symbols Notations, Symbols Number Systems Approximations; Calculators
2	Sept. 1 - 5	OFF 1.4 1.5, 1.6 1.7	Labor Day Properties of Real Numbers Real Number Line, Operations Inequalities, Distance
3	Sept. 8 - 12	1.8 2.1 2.2 2.3	Mathematical Models Laws of Exponents Monomials; Polynomials Add., Subt. of Polynomials
4	Sept. 15 - 19	2.4, 2.5 2.5 2.6 2.7	Mult. of Polynomials Division of Polynomials Factoring Polynomials Factoring 2nd-Degree Polynomials
5	Sept. 22 - 26	2.7 2.8 Catch-Up and/or Review EXAM I	Special Factoring Formulas
6	Sept. 29 - Oct. 3	3.1 3.2 3.3 3.4	Operations using Fractions Reducing Rational Expressions Mult., Div. of Rational Expressions Add., Subt. of Rational Expressions
7	Oct. 6 - 10	3.4 4.1 4.1 4.2	Negative Integer Exponents Scientific Notation Square Roots
8	Oct. 13 - 17	4.2, 4.3 4.3 4.4 4.4	Radicals Rational Exponents

Continue on back

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9	Oct. 20 - 24	1.1 1.1 1.1 1.2	Linear Equations Quadratic Equations
10	Oct. 27 - 31	1.2 1.2 Catch-up and/or Review EXAM II	
11	Nov. 3 - 7	1.3 1.3 1.3 1.7	Quad. Eqns. in the Complex Number System Applications
12	Nov. 10 - 14	2.1 2.1 2.2 2.2	The Distance and Midpoint Formulas Graphs of Equations in Two Variables
13	Nov. 17 - 21	2.3 2.3 2.3 2.3	Lines
14	Nov. 24 -28	Catch-up and/or Review Exam III OFF OFF	
15	Dec. 1 - 5	2.4 Catch-up and/or Review Catch-up and/or Review Catch-up and/or Review	Circles

FINAL EXAM - TUESDAY, December 9, 8:00-9:50 a.m.