

Math 101: Intermediate Algebra Syllabus, Spring 2008

Jan 23, 25	Basic Concepts, Operations on Real Numbers, Exponents, Roots and Order of Operations (1.1, 1.2, 1.3)
Jan 28, 30, Feb 1	Properties of Real Numbers, Linear Equations (1 variable) Formulas, (1.4, 2.1, 2.2, 2.3)
Feb 4, 6, 8	Applications, Linear Inequalities (1 variable), Set Operations (2.4, 2.5, 2.6)
Feb 11, 13	Absolute Value, Special Lecture (2.7)

Exam 1: Thursday Feb 14, 5:30-7:00pm

Feb 15	Rectangular Coordinate System, Lines and Slope , (3.1, 3.2)
Feb 18, 20, 22	Linear Equations and Linear Inequalities System of Equations (2 variables) (3.3, 3.4, 4.1)
Feb 25, 27, 29	Applications, Properties of Integer Exponents, Polynomials (4.3, 5.1, 5.2, 5.4)
Mar 3, 5, 7	Polynomials, Factoring (5.5, 6.1, 6.2)
Mar 10, 12, 14	Factoring (6.3, 6.4, 6.5)
Mar 17, 19, 21	SPRING BREAK
Mar 24	Special Lecture

Exam 2: Tuesday Mar 25, 5:30-7:00pm

Mar 26, 28	Rational Expressions: Multiplying and Dividing Rational Expressions: Addition, Subtraction (7.1, 7.2)
Mar 31, Apr 2,4	Complex Fractions, Equations, Applications (7.3, 7.4, 7.5)
Apr 7, 9, 11	Radical Expressions, Rational Exponents, Simplifying Radical Expressions (8.1, 8.2, 8.3)
Apr 14, 16, 18	Operations with Radical Expressions, Solving Equations with Radical Expressions (8.4, 8.5, 8.6)
Apr 21	Special Lecture

Exam 3: Tuesday Apr 22, 5:30-7:00pm

Apr 23, 25	Solving Quadratic Equations (9.1, 9.2, 9.3)
Apr 28, 30, May 2	Solving Quadratic Equations, Applications, Functions, Graphs (9.4, 3.5)
May 7,9,11	Graphs (Quadratic, Rational, Radical)

Final Exam : Sunday May 11, 07:45am