

Optional Campus Lectures for Math 025 in MG 119

(sections referred to below are in Beginning and Intermediate Algebra, 4th ed, Lial, Hornsby, McGinnis)

Lectures are held in MG 119 on Thursdays 3:00 - 5:00 pm

All Math 025 students are welcome. You may attend any part of a lecture as your schedule allows.

Week #	Lecture Thurs	Sections Covered
Week 1	Th Jan 24	Sec 1.1-1.8 review of pre-algebra skills: fractions, exponents, order of operations, inequalities, variables, expressions & equations, the number line, real number operations (signed numbers), properties of real numbers, simplifying expressions
Week 2	Th Jan 31	Sec 2.1-2.3 addition and multiplication properties of equality, solving linear equations
Week 3	Th Feb 7	Sec 2.4-2.6 applications of linear equations, formulas from geometry, ratios and proportions
Week 4	Th Feb 14	Sec 2.7-2.8 more applications with linear equations, solving linear inequalities
Week 5 (exam #1 in class)	Th Feb 21	Sec 3.1-3.2 reading graphs: linear equations in two variables, graphing linear equations
Week 6	Th Feb 28	Sec 3.3-3.4 slope of a line, equations of a line
Week 7	Th Mar 6	Sec 4.1-4.2, 4.4 product rule, power rule, quotient rule, adding and subtracting polynomials
Week 8	Th Mar 13	Sec 4.5-4.6 multiplying polynomials, special products
Week 9 (exam #2 in class)	Th Mar 20	Sec 5.1-5.2 GCF, factor by grouping, factoring trinomials
Spring Break	No lecture	No Classes Mon, Mar 24 – Sat, Mar 29 Watch announcements for MLC hours
Week 10	Th Apr 3	Sec 5.3-5.4 more factoring of trinomials, special factoring techniques
Week 11	Th Apr 10	Sec 5.5-5.6 solving quadratic equations by factoring, applications of quadratic equations
Week 12	Th Apr 17	Sec 6.1-6.3 fundamental property of rational expressions, multiplying and dividing rational expressions, LCDs
Week 13	Th Apr 24	Sec 6.4 adding and subtracting rational expressions
Week 14 (exam #3 in class)	Th May 1	Sec 6.6 solving equations with rational expressions
Week 15	Th May 8	Cumulative Review (chap 1-6) Sec 7.5 variations