

## Fall 2009 TTh College Algebra Math 1314 Tentative Topic Timeline TBI

Date	Section/Title
Tues. 8/25	2.1 Basic Functions and Their Graphs 2.5 Six Elementary Functions (memorize)
Thurs. 8/27	2.2 More on Functions and Their Graphs
Tues. 9/1	2.5 Transformations
Thurs. 9/3	2.6 Combinations of Functions; Composite Functions
Tues. 9/8	2.7 Inverse Functions Review
Thurs. 9/10	Chapter 2 Test
Tues. 9/15	3.4 Graphing Polynomial Functions (3.2 and 3.3 incorporated)
Thurs. 9/17	3.4 Graphing Polynomial Functions Notes for Graphing Rational Functions
Tues. 9/22	3.5 Graphing Rational Functions
Thurs. 9/24	3.5 Graphing More Rational Functions Review Graphing Polynomials as well
Tues. 9/29	Chapter 3 Test
Thurs. 10/1	4.1 Exponential Functions 4.2 Logarithmic Functions (Graphing and some applications)
Tues. 10/6	4.2 Logarithmic Functions (Evaluating) 4.3 Properties of Logarithms
Thurs. 10/8	4.4 Exponential & Logarithmic Equations
Tues. 10/13	4.5 Exponential Growth & Decay— Modeling Data Review

	Section/Title
Thurs. 10/15	Chapter 4 Test
Tues. 10/20	5.2 Solving Systems--Three Unknowns 6.1 Gaussian & Gauss-Jordan
Thurs. 10/22	6.1 Gaussian & Gauss-Jordan (by hand and using technology) 6.2 Inconsistent and Dependent Systems 6.3 Matrix Operations
Tues. 10/27	6.3 Matrix Operations 6.4 Multiplicative Inverses of Matrices and Matrix Equations
Thurs. 10/29	6.5 Determinants, Cramer's Rule and Some Applications
Tues. 11/3	5.5 Graphing Systems of Inequalities 5.6 Linear Programming
Thurs. 11/5	5.3 Partial Fraction Decomposition
Tues. 11/10	Review
Thurs. 11/12	Chapters 5 & 6 Test
Tues. 11/17	8.1 Sequences and Summation Notation
Thurs. 11/19	8.2 Arithmetic Sequences
Tues. 11/24	8.3 Geometric Sequences and Series
Tues. 12/1	Chapter 8 Test
Thurs. 12/3	Dead Day
Thurs. 12/10	Semester Exam 8:00 a.m.