

Tentative Weekly Schedule – FOUR EXAMS
MATH 1314 COLLEGE ALGEBRA

Week	Date	Topic	Assignments
1	M Aug 25	Introduction: 1.1 Coordinate Plane, Graphing, x and y intercepts	
	W Aug 27	1.2 Solving Linear Equations	
	F Aug 29	1.4 Complex Numbers	
2	M Sept 1	<i>No Class- MON SEPTEMBER 1 – LABOR DAY holiday</i>	
	W Sept 3	P.5 Factoring - all types	
	F Sept 5	1.5 Solving quadratic equations by factoring, square root property, completing the square, quadratic formula	
3	M Sept 8	1.2, 1.6 Solving Rational and Radical Equations	
	W Sept 10	1.7 Inequalities – Linear, Compound	
	F Sept 12	1.6, 1.7 Absolute value equations and inequalities	
4	M Sept 15	TEST #1: CHAPTER 1	
	W Sept 17	2.1 Basics of Functions and graphs	
	F Sept 19	2.2 More on Functions – increasing, decreasing, odd/even, symmetry, piecewise (evaluating)	
5	M Sept 22	2.3 Linear Functions and Slope	
	W Sept 24	2.4 More on Slope – Parallel and Perpendicular Lines	
	F Sept 26	2.5 Parent Functions, transformations 2.2 Graphing Piecewise functions	
6	M Sept 29	2.6 Operations on Functions, composite Functions 2.2 Difference Quotient	
	W Oct 1	3.1 Quadratic functions; graphing	
	F Oct 3	3.3 Synthetic division; remainder and factor theorems	
7	M Oct 6	3.4 Zeros of polynomials	
	W Oct 8	3.2 Polynomial Graphs - Review	
	F Oct 10	TEST #2: Chapter 2 &3 (2.1 – 2.6, 3.1 – 3.4)	
8	M Oct 13	3.5 Rational Graphs	
	W Oct 15	3.6 Polynomial and Rational Inequalities	
	F Oct 17	3.5, 3.6 Equations and Inequalities	
9	M Oct 20	2.7 Inverse Functions	
	W Oct 22	4.1 Exponential Functions	
	F Oct 24	4.2 Logarithmic Functions (*cover graph, solving equations, applications, convert between log and exponential form)	

10	M OCT 27	4.3 Properties of Logs, change of base rule	
	W Oct 29	4.4 Exponential and Logarithmic Equations	
	F Oct 31	4.4 Exponential and Logarithmic Equations (<i>*cover logarithmic equations that convert to either linear or quadratic form</i>)	
11	M Nov 3	4.2 – 4.5 More applications with Logs and Exponential Functions Review	
	W Nov 5	TEST #3: Chapters 3 & 4 (3.5-3.6, 4.1 – 4.5)	
	F Nov 7	5.1 Linear Systems in 2 Variables	
12	M Nov 10	5.2 Solving Systems with 3 Variables	
	W Nov 12	5.2 Solving Systems with 3 Variables	
	F Nov 14	6.1, 6.2 Solving systems with matrices <i>*Last Day to Drop with an Automatic "W" is Friday, November 14 **</i>	
13	M Nov 17	6.5 Determinants and Cramer's Rule	
	W Nov 19	6.5 Determinants and Cramer's Rule	
	F Nov 21	Review	
14	M Nov 24	TEST #4: Chapters 5, 6, & 8 (5.1, 5.2, 5.4, 6.1 – 6.3, 6.5, 8.1 – 8.3) <i>*Last Day to withdraw from the university is Tuesday, November 25 **</i>	
	W Nov 26	<i>STUDY DAY - NO CLASS</i>	
	F Nov 28	<i>NO CLASS - THANKSGIVING HOLIDAY</i>	
15	M Dec 1	Review for Final Exam	
	W Dec 3	Review for Final Exam <i>Last Day of Classes Thurs, December 4</i> STUDY DAY DEC 5 Final Exams Scheduled Dec 6-12; See instructor for exam date	

This schedule is tentative and will most likely change as the semester progresses. It is provided so that you have a general idea of the order and speed with which we will be covering the material.