## **Class Calendar**

Fall 2023

Week	Week of	Sections	Topics	Assessments
1	21 Aug	1.1	Sets of Real Numbers and the Cartesian Coordinate Plane	
		1.2	Relations	
		1.3	Introduction to Functions	HW 1
2	28 Aug	1.4	Function Notation	
		1.5	Function Arithmetic	
		1.6	Graphs of Functions	HW 2
3	4 Sept		No class (Labor Day)	
		1.7	Transformations	
		2.1	Linear Functions	HW 3
4	11 Sept	2.2	Absolute Value Functions	
	_	1.1-2.2	Exam review or catch up	
			Exam Day (15 Sept)	Exam 1
5	18 Sept	2.3	Quadratic Functions	
	_	2.4	Inequalities with Absolute Value and Quadratic Functions	
		2.4	Inequalities with Absolute Value and Quadratic Functions	HW 4
6	25 Sept	3.1	Graphs of Polynomials	
	_	3.2	The Factor Theorem and the Remainder Theorem	
		3.3	Real Zeros of Polynomials	HW 5
7	2 Oct	4.1	Introduction to Rational Functions	
		4.2	Graphs of Rational Functions	
		4.3	Rational Inequalities and Applications	HW 6
8	9 Oct	4.3	Rational Inequalities and Applications	
		2.3—4.3	Exam review or catch up	
			Exam Day (13 Oct)	Exam 2
9	16 Oct		No class (Fall Break)	
		5.1	Function Composition	
		5.2	Inverse Functions	HW 7
10	23 Oct	6.1	Introduction to Exponential and Logarithmic Functions	
		6.1	Introduction to Exponential and Logarithmic Functions	
		6.2	Properties of Logarithms	HW 8
11	30 Oct	6.2	Properties of Logarithms	
		6.3	Exponential Equations and Inequalities	
		6.4	Logarithmic Equations and Inequalities	HW 9
12	6 Nov	5.1—6.4	Exam review or catch up	
			Exam Day (8 Nov)	Exam 3
		6.5	Applications of Exponential and Logarithmic Functions	
13	13 Nov	6.5	Applications of Exponential and Logarithmic Functions	
		8.1	Systems of Linear Equations: Gaussian Elimination	
		8.1	Systems of Linear Equations: Gaussian Elimination	HW 10
14	20 Nov	8.2	Systems of Linear Equations: Augmented Matrices	HW 11
			No class (Thanksgiving)	
			No class (Thanksgiving)	
15	27 Nov	9.1	Sequences	
		6.5—9.1	Exam review or catch up	
			Exam Day (1 Dec)	Exam 4
16	4 Dec	9.2	Summation Notation	
		9.2	Summation Notation	
		1.1—9.2	Final Exam review or catch up	
17	11 Dec		Final Exam Monday 8:00 a.m.—10:00 a.m.	Final Exam