Fall 2023, Class Calendar

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	Exam review or catch up	
17	11 Dec			**Final Exam**

Fall 2024, Class Calendar

Week	Week of	Sections	Topics	Assessments
1	26 Aug	1.1	Sets of Real Numbers and the Cartesian Coordinate Plane	
		1.2	Relations	
		1.3	Introduction to Functions	**HW 1**
2	2 Sept		**No class** (Labor Day)	
		1.4	Function Notation	
		1.5	Function Arithmetic	
3	9 Sept	1.6	Graphs of Functions	**HW 2**
		1.7	Transformations	
		2.1	Linear Functions	**HW 3**
4	16 Sept	2.2	Absolute Value Functions	
		1.1–2.2	Exam review or catch up	
			Exam Day (20 Sept)	**Exam 1**
5	23 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	30 Sept	3.1	Graphs of Polynomials	
		3.2	The Factor Theorem and the Remainder Theorem	
		3.3	Real Zeros of Polynomials	**HW 5**
7	7 Oct	4.1	Introduction to Rational Functions	
		4.2	Graphs of Rational Functions	
		4.3	Rational Inequalities and Applications	**HW 6**
8	14 Oct	4.3	Rational Inequalities and Applications	
		2.3–4.3	Exam review or catch up	
			Exam Day (18 Oct)	**Exam 2**
9	21 Oct		**No class** (Fall Break)	
		5.1	Function Composition	
		5.2	Inverse Functions	**HW 7**
10	28 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	4 Nov	6.2	Properties of Logarithms	
		6.3	Exponential Equations and Inequalities	
		6.4	Logarithmic Equations and Inequalities	**HW 9**
12	11 Nov	5.1–6.4	Exam review or catch up	
			Exam Day (13 Nov)	**Exam 3**
		6.5	Applications of Exponential and Logarithmic Functions	
13	18 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	25 Nov	8.2	Systems of Linear Equations: Augmented Matrices	**HW 11**
			No class (Thanksgiving)	
			No class (Thanksgiving)	
15	2 Dec	9.1	Sequences	
		6.5–9.1	Exam review or catch up	
			Exam Day (6 Dec)	**Exam 4**
16	9 Dec	9.2	Summation Notation	
		9.2	Summation Notation	
		1.1–9.2	Exam review or catch up	
17	16 Dec			**Final Exam**