## **Class Calendar**

Fall 2023

28 Aug	Week	Week of	Sections	Topics	Assessments
1.3	1	21 Aug	1.1	Sets of Real Numbers and the Cartesian Coordinate Plane	
28 Aug			1.2	Relations	
1.5			1.3	Introduction to Functions	HW 1
Sept   No class (Labor Day)   No class (Labor Day)	2	28 Aug	1.4	Function Notation	
3			1.5	Function Arithmetic	
1.7 Transformations Linear Functions Caussian Elimination Linear Functions Linear Functions Linear Functions Linear Equations: Caussian Elimination Linear Functions Linear Equations: Caussian Elimination Linear Functions Linear Equations: Caussian Elimination Linear Equations: Caussian Elimination Linear Exam Day (1 Dec) Linear Equations: Caussian Elimination Linear Exam Day (1 Dec) Linear Ex			1.6	Graphs of Functions	HW 2
11 Sept	3	4 Sept		No class (Labor Day)	
11 Sept			1.7	Transformations	
1.1-2.2   Exam review or catch up   Exam Day (15 Sept)   Exam Day (15 Nov)   Exam Day (15 Nov)   Exam Day (15 Nov)   Exam Day (15 Nov)   Exam Day (16 Nov)   Exam Cass (Thanksgiving)   No Class (Thanksgiving)   No Class (Thanksgiving)   No Class (Thanksgiving)   No Class (Thanksgiving)   Exam Day (16 Nov)   Exam D			2.1	Linear Functions	HW 3
Exam Day (15 Sept)   Exam Day (15 Sept)   Exam Day (15 Sept)	4	11 Sept	2.2	Absolute Value Functions	
Sept   2.3   Quadratic Functions   Inequalities with Absolute Value and Quadratic Functions   Inequalities   Intervalue   Intervalu			1.1-2.2	Exam review or catch up	
2.4 Inequalities with Absolute Value and Quadratic Functions Interpolation of Polynomials  3.2 The Factor Theorem and the Remainder Theorem Real Zeros of Polynomials  HV  7 2 Oct 4.1 Introduction to Rational Functions 4.2 Graphs of Rational Functions 4.3 Rational Inequalities and Applications  8 9 Oct 4.3 Rational Inequalities and Applications Exam Day (13 Oct)  9 16 Oct No class (Fall Break) Function Composition Introduction to Exponential and Logarithmic Functions 6.2 Properties of Logarithms Functions 6.2 Properties of Logarithms Functions 6.3 Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities 6.5 Applications of Exponential and Logarithmic Functions 8.1 Systems of Linear Equations: Gaussian Elimination 8.1 Systems of Linear Equations: Gaussian Elimination 13 13 Nov 8.2 Systems of Linear Equations: Gaussian Elimination 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices No class (Thanksgiving) No class (Thanksgiving) 15 27 Nov 9.1 Sequences Exam Day (1 Dec) Exam Day (2 Summation Notation  16 4 Dec 9.2 Summation Notation				Exam Day (15 Sept)	Exam 1
2.4   Inequalities with Absolute Value and Quadratic Functions   HV	5	18 Sept	2.3	Quadratic Functions	
Sept			2.4	Inequalities with Absolute Value and Quadratic Functions	
Sept   3.1   Graphs of Polynomials   The Factor Theorem and the Remainder Theorem   Real Zeros of Polynomials   HV			2.4		HW 4
3.2   The Factor Theorem and the Remainder Theorem   Real Zeros of Polynomials   HV	6	25 Sept	3.1	Graphs of Polynomials	
Total Content   Total Conten		_	3.2	The Factor Theorem and the Remainder Theorem	
Total Corrections   Correcti			3.3	Real Zeros of Polynomials	HW 5
4.3   Rational Inequalities and Applications   HV	7	2 Oct	4.1	l •	
4.3   Rational Inequalities and Applications   HV			4.2	Graphs of Rational Functions	
8 9 Oct 4.3 Rational Inequalities and Applications 2.3–4.3 Exam review or catch up Exam Day (13 Oct)  9 16 Oct No class (Fall Break) 5.1 Function Composition Inverse Functions 10 23 Oct 6.1 Introduction to Exponential and Logarithmic Functions 6.2 Properties of Logarithms HV  11 30 Oct 6.2 Properties of Logarithms 6.3 Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities 12 6 Nov 5.1–6.4 Exam review or catch up Exam Day (8 Nov) 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 Systems of Linear Equations: Gaussian Elimination Systems of Linear Equations: Augmented Matrices No class (Thanksgiving) No class (Thanksgiving) 15 27 Nov 9.1 Sequences Exam Pay (1 Dec) Exam Day (1 Dec)			4.3	l =	HW 6
2.3–4.3 Exam review or catch up Exam Day (13 Oct)  No class (Fall Break) Function Composition Function Caparithmic Functions Function Caparithmic Function Function Function Function Function Function Function Functi	8	9 Oct			
Seam Day (13 Oct)   Exam Day (13 Oct)   Exam Day (13 Oct)   Seam Day (13 Oct)   Sunction Composition   Sunction   Sunction Composition					
9 16 Oct 5.1 Function Composition Inverse Functions Functions Introduction to Exponential and Logarithmic Functions Introduction to Exponential and Logarithmic Functions Introduction to Exponential and Logarithmic Functions Properties of Logarithms HV 6.2 Properties of Logarithms  11 30 Oct 6.2 Properties of Logarithms Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities HV Exam Day (8 Nov) Applications of Exponential and Logarithmic Functions 8.1 Systems of Linear Equations: Gaussian Elimination Systems of Linear Equations: Gaussian Elimination Systems of Linear Equations: Augmented Matrices No class (Thanksgiving) No class (Thanksgiving) No class (Thanksgiving) No class (Thanksgiving)  15 27 Nov 9.1 Sequences Exam review or catch up Exam Day (1 Dec) Exam Day (1 Dec)  16 4 Dec 9.2 Summation Notation Summation Notation					Exam 2
5.1   Function Composition   Inverse Functions   Inverse Functions   Inverse Functions   Introduction to Exponential and Logarithmic Functions   Introduction to Exponential and Logarithmic Functions   Introduction to Exponential and Logarithmic Functions   Properties of Logarithms   Introduction to Exponential and Logarithmic Functions   Introduction to Exponential and Logarithmic Functions   Introduction to Exponential and Logarithmic Functions   Introduction to Exponential and Inequalities   Introduction   Introduction to Exponential and Inequalities   Introductions   Introduction	9	16 Oct			
S.2   Inverse Functions			5.1	Function Composition	
6.1 Introduction to Exponential and Logarithmic Functions 6.2 Properties of Logarithms HV  11 30 Oct 6.2 Properties of Logarithms 6.3 Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities HV  12 6 Nov 5.1–6.4 Exam review or catch up Exam Day (8 Nov) 6.5 Applications of Exponential and Logarithmic Functions Applications of Exponential and Logarithmic Functions Systems of Linear Equations: Gaussian Elimination 8.1 Systems of Linear Equations: Gaussian Elimination HV  14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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 Day (1 Dec) Exam Summation Notation Summation Notation Summation Notation			5.2	_	HW 7
11   30 Oct   6.2   Properties of Logarithms   HV	10	23 Oct	6.1	Introduction to Exponential and Logarithmic Functions	
11   30 Oct   6.2   Properties of Logarithms   HV			6.1		
11 30 Oct 6.2 Properties of Logarithms 6.3 Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities 12 6 Nov 5.1–6.4 Exam review or catch up Exam Day (8 Nov) 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 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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 Day (1 Dec)  16 4 Dec 9.2 Summation Notation Summation Notation Summation Notation			6.2		HW 8
6.3 Exponential Equations and Inequalities 6.4 Logarithmic Equations and Inequalities 12 6 Nov 5.1–6.4 Exam review or catch up Exam Day (8 Nov) 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 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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) 16 4 Dec 9.2 Summation Notation Summation Notation Summation Notation	11	30 Oct	6.2		
12   6 Nov   5.1–6.4   Exam review or catch up   Exam Day (8 Nov)   Exam Day (1 Dec)   Exam Day (1 Dec)   Exam Day (1 Dec)   Exam Day (1 Dec)   Summation Notation   Exam Day (1 Dec)			6.3	1	
12 6 Nov 5.1–6.4 Exam review or catch up Exam Day (8 Nov) 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 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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) 16 4 Dec 9.2 Summation Notation 9.2 Summation Notation			6.4		HW 9
Exam Day (8 Nov) 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 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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) 16 4 Dec 9.2 Summation Notation 9.2 Summation Notation	12	6 Nov	5.1-6.4	1 1	
6.5   Applications of Exponential and Logarithmic Functions     13 Nov				<u> </u>	Exam 3
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 HV 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices No class (Thanksgiving) 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 Day (1 Dec)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation			6.5	Applications of Exponential and Logarithmic Functions	
8.1 Systems of Linear Equations: Gaussian Elimination 8.1 Systems of Linear Equations: Gaussian Elimination 14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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 Day (1 Dec)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation	13	13 Nov	6.5		
8.1 Systems of Linear Equations: Gaussian Elimination HV 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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 Day (1 Dec)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation			8.1		
14 20 Nov 8.2 Systems of Linear Equations: Augmented Matrices 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)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation			8.1		HW 10
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)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation	14	20 Nov	8.2		HW 11
No class (Thanksgiving)   15   27 Nov   9.1   Sequences   Exam review or catch up   Exam Day (1 Dec)   Exa				, ,	
15       27 Nov       9.1       Sequences         6.5–9.1       Exam review or catch up         Exam Day (1 Dec)       Ex         16       4 Dec       9.2       Summation Notation         9.2       Summation Notation         Summation Notation				, , , , , , , , , , , , , , , , , , , ,	
6.5–9.1 Exam review or catch up Exam Day (1 Dec)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation	15	27 Nov	9.1	5 5	
Exam Day (1 Dec)  16 4 Dec 9.2 Summation Notation 9.2 Summation Notation					
16 4 Dec 9.2 Summation Notation 9.2 Summation Notation				_	Exam 4
9.2 Summation Notation	16	4 Dec	9.2	•	
1.1 O. LAMIII IOVION OI OUTOII UP			1.1–9.2	Exam review or catch up	
	17	11 Dec		-	Final Exam

## **Class Calendar**

Fall 2024

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	HW3
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
	10200			