

Class Calendar

Fall 2023

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

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Fall 2024

Week	Week of	Sections	Topics	Assessments
1	26 Aug	1.1 1.2 1.3	Sets of Real Numbers and the Cartesian Coordinate Plane Relations Introduction to Functions	HW 1
2	2 Sept	1.4 1.5	No class (Labor Day) Function Notation Function Arithmetic	
3	9 Sept	1.6 1.7 2.1	Graphs of Functions Transformations Linear Functions	HW 2 HW 3
4	16 Sept	2.2 1.1—2.2	Absolute Value Functions Exam review or catch up Exam Day (20 Sept)	Exam 1
5	23 Sept	2.3 2.4 2.4	Quadratic Functions Inequalities with Absolute Value and Quadratic Functions Inequalities with Absolute Value and Quadratic Functions	HW 4
6	30 Sept	3.1 3.2 3.3	Graphs of Polynomials The Factor Theorem and the Remainder Theorem Real Zeros of Polynomials	HW 5
7	7 Oct	4.1 4.2 4.3	Introduction to Rational Functions Graphs of Rational Functions Rational Inequalities and Applications	HW 6
8	14 Oct	4.3 2.3—4.3	Rational Inequalities and Applications Exam review or catch up Exam Day (18 Oct)	Exam 2
9	21 Oct	5.1 5.2	No class (Fall Break) Function Composition Inverse Functions	HW 7
10	28 Oct	6.1 6.1 6.2	Introduction to Exponential and Logarithmic Functions Introduction to Exponential and Logarithmic Functions Properties of Logarithms	HW 8
11	4 Nov	6.2 6.3 6.4	Properties of Logarithms Exponential Equations and Inequalities Logarithmic Equations and Inequalities	HW 9
12	11 Nov	5.1—6.4 6.5	Exam review or catch up Exam Day (13 Nov) Applications of Exponential and Logarithmic Functions	Exam 3
13	18 Nov	6.5 8.1 8.1	Applications of Exponential and Logarithmic Functions Systems of Linear Equations: Gaussian Elimination Systems of Linear Equations: Gaussian Elimination	HW 10
14	25 Nov	8.2	Systems of Linear Equations: Augmented Matrices No class (Thanksgiving) No class (Thanksgiving)	HW 11
15	2 Dec	9.1 6.5—9.1	Sequences Exam review or catch up Exam Day (6 Dec)	Exam 4
16	9 Dec	9.2 9.2 1.1—9.2	Summation Notation Summation Notation Final Exam review or catch up	
17	16 Dec		Final Exam Monday 8:00 a.m.—10:00 a.m.	Final Exam

Class Calendar
Spring 2024

Week	Week of	Sections	Topics	Assessments
1	22 Jan	1.1 1.2 1.3	Sets of Real Numbers and the Cartesian Coordinate Plane Relations Introduction to Functions	HW 1
2	29 Jan	1.4 1.5 1.6	Function Notation Function Arithmetic Graphs of Functions	HW 2
3	5 Feb	1.6 1.7 2.1	Graphs of Functions Transformations Linear Functions	HW 3 HW 4
4	12 Feb	2.2 1.1—2.2	Absolute Value Functions Exam review or catch up Exam Day (16 Feb)	Exam 1
5	19 Feb	2.3 2.4 2.4	Quadratic Functions Inequalities with Absolute Value and Quadratic Functions Inequalities with Absolute Value and Quadratic Functions	HW 5
6	26 Feb	3.1 3.2 3.3	Graphs of Polynomials The Factor Theorem and the Remainder Theorem Real Zeros of Polynomials	HW 6
7	4 Mar	4.1 4.2 4.3	Introduction to Rational Functions Graphs of Rational Functions Rational Inequalities and Applications	HW 7
8	11 Mar		No class (Spring Break) No class (Spring Break) No class (Spring Break)	
9	18 Mar	4.3 2.3—4.3	Rational Inequalities and Applications Exam review or catch up Exam Day (22 Mar)	Exam 2
10	25 Mar	5.1 5.2 5.2	Function Composition Inverse Functions Inverse Functions	HW 8
11	1 Apr	6.1 6.1 6.2	Introduction to Exponential and Logarithmic Functions Introduction to Exponential and Logarithmic Functions Properties of Logarithms	HW 9
12	8 Apr	6.2 6.3 6.4	Properties of Logarithms Exponential Equations and Inequalities Logarithmic Equations and Inequalities	HW 10
13	15 Apr	5.1—6.4 6.5	Exam review or catch up Exam Day (17 Apr) Applications of Exponential and Logarithmic Functions	Exam 3
14	22 Apr	6.5 8.1 8.1	Applications of Exponential and Logarithmic Functions Systems of Linear Equations: Gaussian Elimination Systems of Linear Equations: Gaussian Elimination	HW 11
15	29 Apr	8.2 6.5—9.1	Systems of Linear Equations: Augmented Matrices Exam review or catch up Exam Day (3 May)	HW 12 Exam 4
16	6 May	9.1 9.2 9.2	Sequences Summation Notation Summation Notation	
17	13 May		Final Exam Monday 8:00 a.m.—10:00 a.m.	Final Exam