

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 |