1st Six Weeks

Date Taught	Chapter	Sections	Comments
28 – 31 Aug	1. – Equations and Inequalities	1.1 – Graphs and Graphing Utilities 1.2 – Linear Equations and Rational Equations 1.3 – Models and Applications	• Lab – Friday
4 – 7 Sep	1. – Equations and Inequalities	1.4 – Complex Numbers 1.5 – Quadratic Equations 1.6 – Other Types of Equations	• Lab – Friday
10 – 14 Sep	1. – Equations and Inequalities 2. – Functions and Their Graphs	1.7 – Linear Inequalities and Absolute Value Inequalities 2.1 – Basics of Functions and Their Graphs	• Test Chapter 1: Tuesday & Wednesday • Lab – Friday
17 – 21 Sep	2. – Functions and Their Graphs	2.2 – More on Functions and Their Graphs 2.3 – Linear Functions and Slope 2.4 – More on Slope 2.5 – Transformations of Functions	• Lab – Friday
24 – 28 Sep	2. – Functions and Their Graphs	2.6 – Combinations of Functions; Composite Functions 2.7 – Inverse Functions 2.8 – Distance and Midpoint Formulas; Circles	• Lab – Friday
1 – 5 Oct	2. – Functions and Their Graphs 3. – Polynomial and Rational Functions	3.1 – Quadratic Functions 3.2 – Polynomials and Their Graphs	• Test Chapter 2: Monday & Tuesday • Lab – Friday

2nd Six Weeks

Date Taught	Chapter	Sections	Comments
9 – 12 Oct	3. – Polynomial and Rational Functions	3.3 – Dividing Polynomials; Remainder and Factor Theorem 3.4 – Zeros of Polynomial Functions 3.5 – Rational Functions and Their Graphs	• Lab – Friday
15 – 19 Oct	3. – Polynomial and Rational Functions	3.6 – Polynomial and Rational Inequalities 3.7 – Modeling Using Variation	• Lab – Wednesday • Test Chapter 3: Thursday & Friday
22 – 26 Oct	4. – Exponential and Logarithmic Functions	4.1 – Exponential Functions 4.2 – Logarithmic Functions 4.3 – Properties of Logarithms	• Lab – Friday
29 Oct – 3 Nov	4. – Exponential and Logarithmic Functions	4.4 – Exponential and Logarithmic Equations 4.5 – Exponential Growth and Decay; Modeling Data	• Early Release – Thursday • Lab – Friday
5 – 9 Nov	4. – Exponential and Logarithmic Functions 5. – System of Equations and Inequalities	5.1 – System of Equations in Two Variables 5.2 – System of Equations in Three Variables	• Test Chapter 4: Monday & Tuesday • Lab – Friday
12 – 16 Nov	5. – System of Equations and Inequalities	5.3 – Partial Fractions 5.4 – System of Nonlinear Equations in Two Variables 5.5 – System of Inequalities 5.6 – Linear Programing	• Lab – Friday

3rd Six Weeks

Date Taught	Chapter	Sections	Comments
26 – 30 Nov	5. – System of Equations and Inequalities 6. – Matrices and Determinants	Chapter 5 Review 6.3 – Matrix Operations and Their Applications	• Review – Monday • Test Chapter 5: Tuesday & Wednesday • Lab – Friday
3 – 7 Dec	6. – Matrices and Determinants	6.1 – Matrix Solutions to Linear Systems 6.2 – Inconsistent and Dependent Systems and Their Applications 6.4 – Multiplicative Inverse of Matrices and Matrix Equations	• Lab – Friday
10 – 14 Dec	6. – Matrices and Determinants	6.5 – Determinants and Cramer's Rule	• Lab – Friday • Test Chapter 6 – Final Exam: Wednesday & Thursday
17 – 21 Dec			Last day for FPC is 18 Dec 18
7 – 11 Jan	Instructor Choice: Conic Sections or Sequences and Series		
14 – 18 Jan	Instructor Choice: Conic Sections or Counting Principles, Permutations, Combinations, and Probability		

4th Six Weeks

Date Taught	Chapter	Sections	Comments
22 – 25 Jan	1. – Angles and Trigonometric Functions	1.1 – Angles and Radian Measure 1.2 – Right Triangle Trigonometry	First Day for FPC is 22 Jan 19 • Lab – Friday
28 Jan – 1 Feb	1. – Angles and Trigonometric Functions	1.3 – Trigonometric Functions of Any Angle 1.4 – The Unit Circle	• Lab – Friday
4 – 8 Feb	1. – Angles and Trigonometric Functions		• Test Chapter 1: Tuesday & Wednesday • Lab – Friday
11 – 15 Feb	2. – Graphs of Trigonometric Functions; Inverse Trigonometric Functions	2.1 – Graphs of Sine and Cosine 2.2 – Graphs of Other Trigonometric Functions	• Lab – Friday
19 – 22 Feb	2. – Graphs of Trigonometric Functions; Inverse Trigonometric Functions	2.3 – Inverse Trigonometric Functions 2.4 – Applications of Trigonometric Functions	• Lab – Friday
25 Feb – 1 Mar	2. – Graphs of Trigonometric Functions; Inverse Trigonometric Functions		• Test Chapter 2: Wednesday & Thursday • Lab – Friday

5th Six Weeks

Date Taught	Chapter	Sections	Comments
4 – 8 Mar	3. – Trigonometric Identities and Equations	3.1 – Verifying Identities	• Lab – Friday
18 – 22 Mar	3. – Trigonometric Identities and Equations	Review 3.1 3.2 – Sum and Difference Formulas 3.3 – Double and Half Angle Formulas	• Lab – Friday
25 – 29 Mar	3. – Trigonometric Identities and Equations	3.4 – Product-to-Sum and Sum-to-Product Formulas 3.5 – Solving Trigonometric Equations	• Lab – Friday
1 – 5 Apr	3. – Trigonometric Identities and Equations		• Test Chapter 3: Tuesday & Wednesday • Lab – Friday
8 – 12 Apr	4. – Law of Sines and Cosines; Vectors	4.1 – Law of Sines 4.2 – Law of Cosines	• Lab – Friday
15 – 18 Apr	4. – Law of Sines and Cosines; Vectors	4.3 – Vectors 4.4 – Dot Product	• Lab – Friday if there is school

6th Six Weeks

Date Taught	Chapter	Sections	Comments
22 – 26 Apr	4. – Law of Sines and Cosines; Vectors 5. – Complex Numbers; Polar Coordinates; Parametric Equations	5.1 – Complex Numbers	• Test Chapter 4: Monday & Tuesday • Lab – Friday
29 Apr – 3 May	5. – Complex Numbers; Polar Coordinates; Parametric Equations	5.2 – Complex Numbers in Polar Form; DeMoivre's Theorem 5.3 – Polar Coordinates	• Lab – Friday
6 – 10 May	5. – Complex Numbers; Polar Coordinates; Parametric Equations	5.4 – Graphs of Polar Equations 5.5 – Parametric Equations	• Friday
13 – 17 May	5. – Complex Numbers; Polar Coordinates; Parametric Equations		Last day for FPC is 16 May 18 • Test Chapter 5 – Final Exam: Tuesday & Wednesday
20 – 24 May			
28 – 31 May			• Early Release – Friday