This schedule is subject to revision, depending on where people are and where we need to be.
Hopefully, starting each week on Monday is no hardship.

| Week | 1/15/2024 | Topic | Lec | Videos |  | Due |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Get Started | WebAssign Registration, Written assignment Warm-Up, E-Mail Settings, Attend a brief Orientation | 0.5 |  | 1/19 | Friday, January 19, 2024 | Get Started |
|  | 1.1 | Coordinate Plane | 0.5 |  | 1/22 | Monday, January 22, 2024 | 1.1 |
|  | 1.2 | Graphs in 2 variables | 1.5 |  | 1/22 | Monday, January 22, 2024 | 1.2 |
|  | 1.3 | Circles | 1.5 |  | 1/22 | Monday, January 22, 2024 | 1.3 |
| 2 | 1/22/2024 |  |  |  | 1/23 | Tuesday, January 23, 2024 | 1/7/1900 |
|  | 1.4 | Lines | 1.5 |  | 1/24 | Wednesday, January 24, 2024 | 1.4 |
|  | 1.5 | Solving Quadratic Equations | 2.0 |  | 1/26 | Friday, January 26, 2024 | 1.5 |
|  | 1.6 | Complex \#s | 0.5 |  | 1/28 | Sunday, January 28, 2024 | 1.6 |
|  | 1.7 | Solving Other Types of Equations | 0.5 |  | 1/28 | Sunday, January 28, 2024 | 1.7 |
| 3 | 1/29/2024 |  |  |  | 1/29 | Monday, January 29, 2024 | 1/14/1900 |
|  | 1.8 | Solving Inequalities | 1.0 |  | 1/31 | Wednesday, January 31, 2024 | 1.8 |
|  | 1.9 | Solving Absolute Value | 0.5 |  | 2/1 | Thursday, February 1, 2024 | 1.9 |
|  | Writing Project \#1 | Early-Bird Deadline |  |  | 2/2 | Friday, February 2, 2024 | Writing Project \#1 |
| 4 | 2/5/2024 |  |  |  | 2/5 | Monday, February 5, 2024 | 1/21/1900 |
|  | Writing Project \#1 | Full Credit Deadline |  |  | 2/5 | Monday, February 5, 2024 | Writing Project \#1 |
|  | 1.10 | Solving Graphically | 0.5 |  | 2/6 | Tuesday, February 6, 2024 | 1.10 |
|  | 1.11 | Modeling Variation | 0.5 |  | 2/7 | Wednesday, February 7, 2024 | 1.11 |
|  | Test 1 | Test 1, Chapter 1 Deadline 11:59 pm. | 2.0 |  | 2/9 | Friday, February 9, 2024 | Test 1 |
|  | Writing Project \#1 | 20\%-discount Deadline |  |  | 2/9 | Friday, February 9, 2024 | Writing Project \#1 |
| 5 | 2/12/2024 |  |  |  | 2/12 | Monday, February 12, 2024 | 1/28/1900 |
|  | 2.1 | Functions | 1.0 |  | 2/12 | Monday, February 12, 2024 | 2.1 |
|  | 2.2 | Graphs of Functions | 2.0 |  | 2/13 | Tuesday, February 13, 2024 | 2.2 |
|  | 2.3 | Info from the Graph | 0.5 |  | 2/14 | Wednesday, February 14, 2024 | 2.3 |
|  | 2.4 | Average Rate of Change of Func. | 1.0 |  | 2/15 | Thursday, February 15, 2024 | 2.4 |
|  | 2.5 | Linear Functions and Models | 0.5 |  | 2/15 | Thursday, February 15, 2024 | 2.5 |
|  | 2/19/2024 |  |  |  | 2/19 | Monday, February 19, 2024 | 2/4/1900 |
| 6 | 2.6 | Transformations of Functions | 2.0 |  | 2/20 | Tuesday, February 20, 2024 | 2.6 |
|  | 2.7 | Combinations of Functions | 1.0 |  | 2/22 | Thursday, February 22, 2024 | 2.7 |


| Writing Project \#2 | EARLY BIRD 5 pts Bonus |  |  | $2 / 23$ | Friday, February 23, 2024 | Nriting Project \#2 |
| :---: | :--- | :--- | :--- | :--- | :--- | :---: |
| $2 / 26 / 2024$ |  |  |  | $2 / 26$ | Monday, February 26, 2024 | $2 / 11 / 1900$ |
| Writing Project \#2 | Full Credit Deadline |  |  | $2 / 26$ | Monday, February 26, 2024 | Nriting Project \#2 |
| 2.8 | 1-to-1 Functions and Inverses | 2.0 |  | $2 / 27$ | Tuesday, February 27,2024 | 2.8 |


|  | Writing Project \#2 | 20\% Deduction Deadline |  | 2/29 | Thursday, February 29, 2024 | Writing Project \#2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Test 2 |  |  | 2/29 | Thursday, February 29, 2024 | Test 2 |
| 8 | 3/4/2024 |  |  | 3/4 | Monday, March 4, 2024 | 3/4/2024 |
|  | 3.1 | Quadratic Functions \& Models | 2.0 | 3/4 | Monday, March 4, 2024 | 3.1 |
|  | 3.2 | Dividing Polynomials | 1.0 | 3/5 | Tuesday, March 5, 2024 | 3.2 |
|  | 3.3 | Polynomial Functions \& Graphs | 2.0 | 3/7 | Thursday, March 7, 2024 | 3.3 |
|  | 3.4 | Real Zeros of Polynomials | 1.5 | 3/8 | Friday, March 8, 2024 | 3.4 |
|  | 3.5 | Complex Zeros and FTA | 2.0 | 3/10 | Sunday, March 10, 2024 | 3.5 |
|  | 3/11/2024 | NO CLASSES!!! SPRING BREAK!!! |  |  |  |  |
| 9 | 3/18/2024 |  |  | 3/18 | Monday, March 18, 2024 | 3/18/2024 |
|  | 3.6 | Rational Functions | 1.5 | 3/20 | Wednesday, March 20, 2024 | 3.6 |
|  | 3.7 | Polynomial \& Rational Inequalities | 1.0 | 3/21 | Thursday, March 21, 2024 | 3.7 |
|  | Writing Project \#3 | EARLY BIRD EDITION! 10\% Bonus |  | 3/22 | Friday, March 22, 2024 | Writing Project \#E |
|  | 3/25/2024 |  |  | 3/25 | Monday, March 25, 2024 | 3/25/2024 |
|  | Writing Project \#3 | On-Time Edition! |  | 3/25 | Monday, March 25, 2024 | Writing Project \# |
|  | Writing Project \#3 | 20\% Deduction Deadline |  | 3/27 | Wednesday, March 27, 2024 | Writing Project \#三 |
|  | Test 3 | Chapter 3 Concepts | 1.0 | 3/27 | Wednesday, March 27, 2024 | Test 3 |
|  | 4.1 | Exponential Functions | 1.0 | 3/31 | Sunday, March 31, 2024 | 4.1 |
|  | 4/1/2024 |  |  | 4/1 | Monday, April 1, 2024 | 4/1/2024 |
|  | 4.2 | Natural Logarithmic Function | 1.0 | 4/2 | Tuesday, April 2, 2024 | 4.2 |
| 1013 | 4.3 | Logarithmic Functions | 0.5 | 4/3 | Wednesday, April 3, 2024 | 4.3 |
|  | 4.4 | Laws of Logarithms | 1.0 | 4/4 | Thursday, April 4, 2024 | 4.4 |
|  | 4.5 | Exponential \& Logarithmic Equations | 1.0 | 4/7 | Sunday, April 7, 2024 | 4.5 |
|  | 4/8/2024 |  |  | 4/8 | Monday, April 8, 2024 | 4/8/2024 |
| 14 | 4.6 | Modeling with Exponential Functions | 1.0 | 4/8 | Monday, April 8, 2024 | 4.6 |
|  | 4.7 (Optional) | Logarithmic Scales (Optional) |  | 5/7 | Tuesday, May 7, 2024 | 4.7 (Optional) |
|  | 5.1 | Systems of Linear Equations - 2 vars | 1.0 | 4/10 | Wednesday, April 10, 2024 | 5.1 |
|  | 5.2 | Linear Systems - more variables | 2.0 | 4/12 | Friday, April 12, 2024 | 5.2 |
|  | 4/15/2024 |  |  | 4/15 | Monday, April 15, 2024 | 4/15/2024 |
| 15 | 5.3 | Partial Fractions | 1.0 | 4/15 | Monday, April 15, 2024 | 5.3 |
|  | 5.4 | Systems of Nonlinear Equations | 0.5 | 4/16 | Tuesday, April 16, 2024 | 5.4 |
|  | Writing Project \#4 | EARLY BIRD EDITION! 10\% Bonus | 1.0 | 4/19 | Friday, April 19, 2024 | Writing Project \# $\angle$ |
|  | 4/22/2024 |  |  | 4/22 | Monday, April 22, 2024 | 4/22/2024 |

Test 4 over Chapters 4 and 5 is now Test 4 over Chapter 4 and Test 5 over Chapter 5

Writing Project \#4 Early Bird Edition is Friday, November 24th.

|  | 5.5 | Systems of Inequalities | 1.0 | 4/22 | Monday, April 22, 2024 | 5.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Writing Project \#4 | On-Time Edition! |  | 4/23 | Tuesday, April 23, 2024 | Writing Project \# $\angle$ |
|  | Test 4 | Chapter 4 Concepts |  | 4/26 | Friday, April 26, 2024 | Test 4 |
|  | Test 5 | Chapter 5 Concepts |  | 4/28 | Sunday, April 28, 2024 | Test 5 |
|  | 4/29/2024 |  |  | 4/29 | Monday, April 29, 2024 | 4/29/2024 |
| 16 | 7.1 | Parabolas | 1.0 | 4/30 | Tuesday, April 30, 2024 | 7.1 |
|  | 7.2 | Ellipses | 1.0 | 5/1 | Wednesday, May 1, 2024 | 7.2 |
|  | 7.3 | Hyperbolas | 1.0 | 5/2 | Thursday, May 2, 2024 | 7.3 |
|  | 7.4 | Shifting Conic Sections | 1.0 | 5/3 | Friday, May 3, 2024 | 7.4 |
|  | 8.5 | The Binomial Theorem |  | 5/5 | Sunday, May 5, 2024 | 8.5 |
|  | 9.1 | Permutations and Combinations | 1.0 | 5/5 | Sunday, May 5, 2024 | 9.1 |
|  | 5/6/2024 |  |  | 5/6 | Monday, May 6, 2024 |  |
|  | 8.1 (Optional) | Sequences and Sums |  | 5/7 | Tuesday, May 7, 2024 | 8.1 (Optional) |
|  | 8.2 (Optional) | Arithmetic Sequences |  | 5/7 | Tuesday, May 7, 2024 | 8.2 (Optional) |
|  | 8.3 (Optional) | Geometric Sequences |  | 5/7 | Tuesday, May 7, 2024 | 8.3 (Optional) |
|  | 8.4 (Optional) | Mathematical Induction |  | 5/7 | Tuesday, May 7, 2024 | 8.4 (Optional) |
|  | Test 6 | Chapters 7-9 |  | 5/7 | Tuesday, May 7, 2024 | Test 6 |
|  | Final Test | Comprehensive |  | 5/7 | Tuesday, May 7, 2024 | Final Test |

Writing Project \#4 Early Bird Edition is Friday, November 24th.

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Test 4 over Chapters 4 and 5 is now Test 4 over Chapter 4 and Test 5 over Chapter 5

Writing Project \#4 Early Bird Edition is Friday, November 24th.

