| Monday, January 15, 2018 | Where We Are | Day |
| :---: | :---: | :---: |
| Tuesday, January 16, 2018 | 6.1 Inverse Functions | 1 |
| Wednesday, January 17, 2018 | 6.2 Exponential Functions and their Derivatives | 2 |
| Thursday, January 18, 2018 | 6.3 Logarithmic Functions | 3 |
| Friday, January 19, 2018 |  | 4 |
| Monday, January 22, 2018 | 6.4 Derivatives of Logarithmic Functions | 5 |
| Tuesday, January 23, 2018 | 6.5 Exponential Growth and Decay | 6 |
| Wednesday, January 24, 2018 | 6.6 Inverse Trigonometric Functions | 7 |
| Thursday, January 25, 2018 |  | 8 |
| Friday, January 26, 2018 | 6.7 Hyperbolic Functions | 9 |
| Monday, January 29, 2018 |  | 10 |
| Tuesday, January 30, 2018 | 6.8 Indeterminate Forms and L'Hopital's Rule | 11 |
| Wednesday, January 31, 2018 | Take a Breath! | 12 |
| Thursday, February 1, 2018 | Test 1, Chapter 6 | 13 |
| Friday, February 2, 2018 | 7.1 Integration by Parts | 14 |
| Monday, February 5, 2018 |  | 15 |
| Tuesday, February 6, 2018 | 7.2 Trigonometric Integrals | 16 |
| Wednesday, February 7, 2018 |  | 17 |
| Thursday, February 8, 2018 | 7.3 Trigonometric Substitution | 18 |
| Friday, February 9, 2018 |  | 19 |
| Monday, February 12, 2018 | 7.4 Partial Fractions | 20 |
| Tuesday, February 13, 2018 | Teacher Training (Ugh!) |  |
| Wednesday, February 14, 2018 | 7.4 Partial Fractions | 21 |
| Thursday, February 15, 2018 | 7.5 General Integration Strategy | 22 |
| Friday, February 16, 2018 | 7.6 Integration Using Tables | 23 |
| Monday, February 19, 2018 | 7.7 Approximate Integration | 24 |
| Tuesday, February 20, 2018 | 7.8 Improper Integrals | 25 |
| Wednesday, February 21, 2018 |  | 26 |
| Thursday, February 22, 2018 | Review | 27 |
| Friday, February 23, 2018 | Test 2, Chapters 6, 7 | 28 |
| Monday, February 26, 2018 | 8.1 Arc Length | 29 |
| Tuesday, February 27, 2018 | 8.2 Areas of Surfaces of Revolution | 30 |
| Wednesday, February 28, 2018 | 8.3 Applications to Physics and Engineering | 31 |
| Thursday, March 1, 2018 | 8.5 Probability | 32 |
| Friday, March 2, 2018 | 9.1 Modeling with Differential Equations | 33 |
| Monday, March 5, 2018 | 9.2 Direction Fields and Euler's Method | 34 |
| Tuesday, March 6, 2018 |  | 35 |
| Wednesday, March 7, 2018 | 9.3 Separable Differential Equations | 36 |
| Thursday, March 8, 2018 | 9.4 Population Models | 37 |
| Friday, March 9, 2018 | 9.5 Linear Differential Equations | 38 |
| Monday, March 12, 2018 | Spring Break |  |
| Tuesday, March 13, 2018 |  |  |
| Wednesday, March 14, 2018 |  |  |
| Thursday, March 15, 2018 |  |  |
| Friday, March 16, 2018 |  |  |
| Monday, March 19, 2018 | Review | 39 |
| Tuesday, March 20, 2018 | Test 3-Chapters 6-9 | 40 |


| Wednesday, March 21, 2018 | 10.1 Parametric Equations | 41 |
| :---: | :---: | :---: |
| Thursday, March 22, 2018 | 10.2 Tangents and Areas | 42 |
| Friday, March 23, 2018 |  | 43 |
| Monday, March 26, 2018 | 10.3 Polar Coordinates | 44 |
| Tuesday, March 27, 2018 |  | 45 |
| Wednesday, March 28, 2018 | 10.4 Areas and Lengths in Polar Coordinates | 46 |
| Thursday, March 29, 2018 |  | 47 |
| Friday, March 30, 2018 | Review | 48 |
| Monday, April 2, 2018 | Test 4-Chapters 6-10 | 49 |
| Tuesday, April 3, 2018 | 11.1 Sequences | 50 |
| Wednesday, April 4, 2018 | 11.2 Series | 51 |
| Thursday, April 5, 2018 |  | 52 |
| Friday, April 6, 2018 | 11.3 The Integral Test | 53 |
| Monday, April 9, 2018 |  | 54 |
| Tuesday, April 10, 2018 | 11.4 The Comparison and Limit-Comparison Tests | 55 |
| Wednesday, April 11, 2018 |  | 56 |
| Thursday, April 12, 2018 | 11.5 Alternating Series | 57 |
| Friday, April 13, 2018 | 11.6 Absolute Convergence: Ratio and Root Tests | 58 |
| Monday, April 16, 2018 |  | 59 |
| Tuesday, April 17, 2018 | 11.7 General Strategies | 60 |
| Wednesday, April 18, 2018 | Review | 61 |
| Thursday, April 19, 2018 | Test 5-Chapters 6-11 (1st half of Chapter 11) | 62 |
| Friday, April 20, 2018 | 11.8 Power Series | 63 |
| Monday, April 23, 2018 | 11.9 Representation of Functions as Power Series | 64 |
| Tuesday, April 24, 2018 |  | 65 |
| Wednesday, April 25, 2018 | 11.10 Taylor and Maclaurin Series | 66 |
| Thursday, April 26, 2018 |  | 67 |
| Friday, April 27, 2018 | 11.11 Applications of Taylor Polynomials | 68 |
| Monday, April 30, 2018 | Review | 69 |
| Tuesday, May 1, 2018 | Review | 70 |
| Wednesday, May 2, 2018 | Test 6-Chapters 6-11 | 71 |
| Thursday, May 3, 2018 | Re-Takes | 72 |
| Friday, May 4, 2018 | Re-Takes | 73 |
| Monday, May 7, 2018 | Re-Takes | 74 |
| Tuesday, May 8, 2018 |  | 75 |

