

# Contents

## AMERICAN LITERATURE..... 582

## AMERICAN HISTORY: 1607-PRESENT..... 584

|                                                                              |     |
|------------------------------------------------------------------------------|-----|
| Colonial America .....                                                       | 586 |
| The American Revolution .....                                                | 587 |
| The Articles of Confederation and the Ratification of the Constitution ..... | 587 |
| The Early Republic .....                                                     | 588 |
| The Era of Good Feelings and Jacksonian Democracy .....                      | 589 |
| Crisis of the House Divided: The 1850s .....                                 | 589 |
| The Civil War .....                                                          | 590 |
| Reconstruction Era .....                                                     | 590 |
| The Gilded Age .....                                                         | 591 |
| Progressivism .....                                                          | 591 |
| World War I: “The Great War” .....                                           | 592 |
| The Roaring Twenties .....                                                   | 593 |
| The Great Depression and the New Deal .....                                  | 593 |
| World War II .....                                                           | 594 |
| Postwar America and the Beginning of the Cold War .....                      | 595 |
| Cultural Changes & Activism .....                                            | 596 |
| The 60s and the 70s .....                                                    | 596 |
| The 80s and 90s .....                                                        | 598 |
| 21 <sup>st</sup> Century America .....                                       | 598 |

## MORAL & POLITICAL PHILOSOPHY ..... 600

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| Aristotle’s Physics .....                                          | 602 |
| Aristotle’s Ethics .....                                           | 602 |
| Aristotle’s Politics .....                                         | 602 |
| Machiavelli and Modernity .....                                    | 603 |
| Hobbes and the Enlightenment .....                                 | 603 |
| Locke and Liberalism .....                                         | 603 |
| Rousseau and Romanticism .....                                     | 604 |
| Freedom, Progressivism, and Socialism: Kant, Hegel, and Marx ..... | 604 |

## PRE-CALCULUS & TRIGONOMETRY ..... 606

|                                               |     |
|-----------------------------------------------|-----|
| Functions Review .....                        | 607 |
| Introduction to Trigonometric Functions ..... | 607 |
| Trigonometric Identities .....                | 607 |
| Applications to Geometry .....                | 608 |
| Polar Coordinates; Vectors .....              | 608 |
| Conics .....                                  | 608 |
| Systems of Equations & Inequalities .....     | 608 |
| Counting & Probability .....                  | 608 |
| Sequences & Series .....                      | 608 |
| Preview of Calculus .....                     | 609 |

## PHYSICS ..... 610

|                                      |     |
|--------------------------------------|-----|
| Introduction to Physics .....        | 615 |
| Motion in One Dimension .....        | 615 |
| Motion in Two Dimensions .....       | 615 |
| Forces & the Laws of Motion .....    | 615 |
| Work & Energy .....                  | 616 |
| Momentum & Collisions .....          | 616 |
| Circular Motion .....                | 616 |
| Gravitation .....                    | 616 |
| Vibrations & Waves .....             | 617 |
| Sound .....                          | 617 |
| Light and Optics .....               | 617 |
| Electrostatics .....                 | 617 |
| Electrodynamics .....                | 618 |
| Magnetism and Electromagnetism ..... | 618 |

## ELECTIVE: MODERN FOREIGN LANGUAGE . . . . 620