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| Course: **Math 11 Pre-Calc** |

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|  |  | **Completion/TARGETS** |
| **UNIT 1** | 12% |  |
| **Absolute Value and Radicals** | * Real numbers and absolute value * Radicals |  |
| **UNIT 2** | 10.5% |  |
| **Factoring Polynomials** | * Simple trinomials * Messy trinomials * Difference of squares * Perfect squares |  |
| **UNIT 3** | 12.5% |  |
| **Rational Expressions** | * Simplifying * Operations with rational expressions * Solving rational expressions |  |
| **UNIT 4** | 8.5% |  |
| **Quadratic Functions** | * Translations * Expansions and compressions * Equations of Quadratic Functions * General to standard form |  |
| **UNIT 5** | 8.5% |  |
| **Solving Quadratic Equations** | * Solving by factoring * Solving by square root principle * Solving with quadratic formula * Discriminant |  |
| **UNIT 6** | 12.5% |  |
| **Solving Systems of Equations** | * Graphing linear inequalities * Solving quadratic inequalities * Solving Linear-quadratic systems * Solving quadratic-quadratic systems |  |
| **UNIT 7** | 10.5% |  |
| **Sequences and Series** | * Arithmetic sequences and series * Geometric sequences and series * Infinite geometric series |  |
| **UNIT 8** | 14.5% |  |
| **Trigonometry** | * Angles in standard position * Exact values of special angles * Conditional trig equations * Sine law * Cosine law |  |
| **UNIT 9** | 10.5% |  |
| **Absolute Value and Reciprocal Functions** | * Absolute value functions * Graphing linear and quadratic reciprocal functions |  |

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| STUDENT NAME |  | |
| TEACHER NAME |  | |
| SCHOOL |  | |
| AVERAGE GRADE ASSIGNED TO ALL SUCCESSFULLY **COMPLETED WORK\*** IN THE COURSE | |  |