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