

Southern Regional High School
Manahawkin, New Jersey
Course Syllabus

Department: Math

Course: Algebra II Honors

Marking Period 1

Topics/Units to be covered:

- Classroom expectations/grading
- Ch. 1 Pre-Algebra review (independent study)
- Ch. 2 Linear functions, Absolute Value Functions
- Ch. 3 Systems of Linear Equations and Inequalities, 2x2, 3x3
- Quarterly

Marking Period 2

Topics/Units to be covered:

- Matrices and matrix operations
- Quadratic functions
- Quarterly

Marking Period 3

Topics/Units to be covered:

- Polynomial functions
- Functions involving radicals and rational exponents
- Function operations domain and range
- Quarterly

Marking Period 4

Topics/Units to be covered:

- Exponential and logarithmic functions
- Rational functions
- Conic sections
- Final exam