

Algebra II

2015-2016

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or by appointment

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Course Description: Algebra II is a second-year algebra course with an overall theme of problem solving. The overriding themes of the course are: algebraic manipulation, equation solving, graphing, and probability. This Algebra II course is designed to prepare students for college level mathematics.

Course Objectives: The essential skills and concepts that will be covered in this course are:

- Factoring
- Investigation
- Solving Equations
- Functions
- Sequences
- Exponential Functions
- Variable Exponents
- Parabolic Equations
- Systems of Equations
- Rational Expressions
- Logarithms
- Polynomials
- Complex Numbers
- Probability
- Basic Statistics
- Parent Graphs

Text: The text used for the course will be College Preparatory Mathematics 3 – Algebra 2, 2nd edition.

Grading Policy: Assignments will be given every class period with **few** exceptions. The best way to succeed in this class is to complete **all** assigned work. It is expected that assignments will be completed by the following class period. In order to receive a passing grade, the student must show mastery on all essential skills and concepts **and** earn at least 70% in the class. Grades will be determined by the following five weighted categories:

- Tests 35%
- Essential Skills 35%
- Assignments 10%
- Algebra Exams 10%
- Quizzes 10%

Grades will be earned as follows:

100 - 90%	A	
89 - 80%	B	*grades are not rounded up
79 - 70%	C	
Below 70%	NC	

If at the end of the semester a student has earned an overall grade of 60-69%, pass all algebra exams, and has an assignment score at or above 70%, then the student would earn Math Tutorial credit for that semester.

Materials: It is highly recommended that each student have a graphing calculator. The Rocklin High Mathematics Department recommends TI-84. Other necessary materials include: paper, graph paper, and pencils. All work should be done in pencil.

Communication: Teacher email addresses, daily assignments, handouts, notes and grades can be found through the Rocklin High School website: <http://rhs.rocklinusd.org/>

Additional Resources: www.khanacademy.org, www.cpm.org, www.hotmath.com (fee), and plus period.

Please review and fill out!

Student Name (print) _____

Period: _____

Parent E-Mail Address: (print) _____

Parents: Please email me now so I will have you in my address book!!

Subject Field: Student Name and Period (example: John Jones 3)

Main Text Box: Any questions, concerns, or comments

Parent Signature _____

Student Signature: _____