

Algebra II
Mrs. Liggett
2010-2011

TEXT:

Algebra II, 2007 McDougal Littell

PREQUISITES:

A full year of Algebra I and Geometry or their equivalent is a requirement for Algebra II.

COURSE DESCRIPTION:

The content of Algebra II is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical and rational functions. As students study each family of functions they will learn to represent them in multiple ways – as verbal descriptions, equations, tables and graphs. Students will also learn to model real-world situations using functions in order to solve problems arising from those situations. Numerous examples and exercises involving geometry and trigonometry will be included to help prepare the students for the ACT and other college entrance exams.

MATERIALS:

- Binder with 3 dividers
- College ruled paper
- Pencil and erasers
- TI graphing calculator (The school provides this and students are responsible for batteries (4 AAA) and any loss or damage to the calculator.)
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CLASS EXPECTATIONS:

There are several expectations that are to be upheld in this classroom. Failure to follow these expectations will result in appropriate disciplinary action in accordance with school policy.

- **Participate in class** (Students should play an active role in the class.)
- **Be prepared for class** (Student should have all necessary supplies/assignments.)
- **Complete all work** (Completion of all class activities and homework is important.)
- **Organize all materials** (Notebook and assignments should be organized.)
- **Be on time** (Students will be on time to class and turn in assignments on the proper date.)
- **Remain in your seat** (Students should stay in their seats until the dismissal bell.)