

Algebra II
Mrs. Liggett
2011-2012

TEXT:

Algebra II, 2007 McDougal Littell

PREQUISITIES:

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 and divider
- 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.

- **Prompt** (Be in class before the bell rings and prompt during the class.)
- **Prepared** (Be ready to learn, think, and participate.)
- **Polite** (Respect yourselves, others, and items in the classroom.)
- **Produce** (Be productive. Stay on task during class.)
- **P.M.A.** (Have a Positive Mental Attitude!!!)

EVALUATION:

You will be evaluated in the following areas:

- daily assignments
- quizzes
- tests
- notebook/project

GRADING SCALE:

A	100-90
B	89-80
C	79-70
D	69-60
F	59-0

NOTEBOOK REQUIREMENT:

Each student is required to keep a notebook. Notebook evaluations will occur throughout the year and be averaged into the overall course grade. Notebooks must include your notes and homework.

LATE WORK POLICY:

Homework in math is extremely important for the understanding of the material. All late work will receive one-half credit.

As your teacher I will teach the required content, provide an orderly classroom environment, and treat you with respect and care as an individual.

EAT SLEEP MATH

