

Precalculus
Mrs. Liggett
2011-2012

TEXT:

Calculus I with Precalculus, A One-Year Course, 2006 2nd Edition by Houghton Mifflin

PREQUISITIES:

Three years of high school math including Algebra I, Geometry and Algebra II or their equivalent is a requirement for Precalculus.

COURSE DESCRIPTION:

This course is comprised of both Precalculus and Calculus I topics. The precalculus topics are integrated throughout the text according to function type – algebraic functions, exponential and logarithmic functions, and trigonometric and inverse trigonometric functions. The function driven approach – covering precalculus topics before covering calculus topics – will be used throughout the year.

MATERIALS:

- Binder with 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.)

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