

## Algebra 2

**Instructor: Mr. Pazurek**

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**Textbook:** Prentice Hall Mathematics – Algebra 2 (Copyright 2007)

**Supplies:** Textbook, Notebook for this class only, Folder, Pencil, Graphing Calculator

**A graphing calculator is required for this class. The math department suggests a TI-83+ or TI-84+.**

Graphing calculators are available for rent in the IMC while quantities last.

**Topics:** Tools of Algebra, Functions, Equations and Graphs, Linear Systems, Matrices, Quadratic Equations and Functions, Polynomials and Polynomial Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Rational Functions, Quadratic Relations and Conic Sections, Sequences and Series, Periodic Functions and Trigonometry, Trigonometric Identities and Equations.

**Student Learning Objectives:** Please see a complete list on teacher website.

**Grading:** Our goal is to have the student focus on learning. Daily work will be assigned as formative practice for assessments and will be monitored for completion. Late work will be accepted up until the time of the summative unit test.

Grade	General Grading Criteria
A	Student has an advanced understanding and/or exceeds course expectations
B	Student has proficient understanding and/or meets course expectations
C	Student has a basic understanding and/or partially meets course expectations
D	Student has a minimal understanding and/or does not meet course expectations
F	Student has failed to demonstrate minimal course expectations

**Assessment:** Through assessment it is our goal to gain a clear understanding of what the student has learned as a means to offer additional instruction to support further learning. Student grades are a means to provide feedback about a student's progress. Each learning objective will be assessed twice. The second assessment of each objective will be weighted double.

**Math Lab:** Students may receive help in the math lab. Students should request a pass from their math teacher to allow dismissal from their study hall and report to the math lab during their study hall time. Students may also be required to attend a math lab session to make up missed homework assignments or tests. Students may also be assigned to meet with a math teacher during enrichment time for additional support.

**Semester Grades:** Semester Student Learning Objectives 90%  
Semester Exam 10%

## **Classroom Expectations:**

### **BE RESPECTFUL:**

- One voice at a time
- **Stow electronic devices before you enter the classroom**
- Treat property and equipment with care
- Follow directions
- Use appropriate language

### **BE RESPONSIBLE:**

- Show up prepared and ready to learn
- Bring all necessary materials to class
- **Two feet in the door**
- Manage your belongings
- Complete work on time

### **BE INVOLVED:**

- Stay on task
- Be an active participant
- Use free time productively
- Advocate for your own learning