

Algebra II  
Syllabus 2013-2014  
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Office hours: Monday & Wednesday 7:30 – 8:00 am  
Tutoring: Tuesdays & Thursdays 4:15 pm – 5:15 pm

**Course Description:**

This course is designed to teach students to be successful mathematical problem solvers. Topics covered will be the properties and attributes of functions (linear, quadratic, square root, rational, exponential, and logarithmic) and the multiple representations of all functions mentioned above.

**Course Objective:**

Students will interpret restrictions on the domain and range of functions and their inverse. Students will evaluate the effectiveness of the various methods used to solve equations, inequalities, and systems of equations and/or inequalities. Students will generate multiple representations of a function and use them to determine attributes of a function. Students will also describe and use the relationship between algebraic and geometric representation of a quadratic function of relation, including conic sections.

**Grading Policy**

60% Major Assignments (Tests, Projects & Essays)

40% Minor Assignments (Daily Classwork, Homework & Quizzes)

\*\*see district grading policy for specifications\*\*

**Required Materials:**

- Binder (2 inch or more)
- Dividers
- Pencils
- Hand sanitizer, tissue, and batteries will be assigned by class.

**Expectations:**

- Be on time and be prepared.
- Bring all materials to class.
- Sharpen pencils before the tardy bell rings or after the teacher is done with the lessons.
- Be prepared and ready to work as soon as the bell rings.
- Sit quietly and be attentive while the teacher is addressing the class.
- Stay in your seat during class time and raise your hand to be recognized.

- Turn in homework on time.
- Ask for any missed work due to an excused absence.
- Follow all school rules at all times.
- Stay on task until the bell rings.
- Take notes every day and keep a neat and well organized binder.
- There will be no food or drinks allowed in class.