

Algebra II Course Information

Overview: This class is an extension/continuation of what was started in Algebra 1. Students continue their study of algebraic principles, but also explore more complex mathematical concepts including logarithms, conic sections, and advanced polynomial functions. Topics are explored algebraically and graphically. Applying various mathematical models to real life situations is emphasized throughout the course.

Please see the [Algebra II Scope and Sequence document](#) for a more complete list of course content and structure.

Assignments/Homework: Assignments are usually about 15-20 problems and should take around 45 mins. to 1 hr. to complete. Upon completion, assignments are to be corrected by the student and reviewed to determine what (if any) questions the student has going into the next class.

Quizzes and Tests: Regular quizzes are taken online and students receive instant feedback on how they did. Quizzes are meant to be taken without books, notes, or other forms of help. Formal tests are taken via the traditional “paper and pencil” format. They are then turned in for correction by the teacher.

Materials/Supplies:

- Students are expected to take notes during class. A binder or notebook typically works the best.
- Graph paper
- Scientific calculator
Note: Optionally, a graphing calculator may be used, but various websites and similar functioning computer programs will be used. Therefore a graphing calculator is not mandatory.
- Scanner