

Algebra I Syllabus

School: Middleton Academy

Course Description:

Algebra I is the foundation—the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Everyone can have a good time solving the hundreds of real-world problems algebra can help answer. Each module in this course is presented in a step-by-step way right on the computer screen. Hands-on labs make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health.

This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Students will also acquire the confidence needed to handle everything high school math has in store for them.

Access the site links below to view the course descriptions from the Florida Course Code directory:

Regular course

description:<http://www.floridastandards.org/Courses/PublicPreviewCourse1.aspx>

Course content is aligned with the Virginia Standards of Learning. Throughout the course students will prepare to successfully pass their Virginia SOL EOC test.

Course Prerequisites:

Successful completion of 7th grade math

Estimated Completion Time:

2 segments/32-36 weeks

Course Assessment and Participation Requirements:

To achieve success, students are expected to submit work in each course weekly. Students can learn at their own pace; however, “any pace” still means that students must make progress in the course every week. To measure learning, students complete self-checks, practice lessons, multiple choice questions, projects, discussion-based assessments, and discussions. Students are expected to maintain regular contact with teachers; the minimum requirement is monthly. When teachers, students, and parents work together, students are successful.

Materials:

- Students should have access to a computer.
- Students should have internet access. Continuous broadband Internet access is recommended.
- The ability/permission to install plug-ins or software (e.g., Adobe Reader or Flash) is recommended.
- The ability to download and save files and documents to a computer is recommended.