

Course Syllabus Secondary Mathematics II

What is this course all about?

This course is designed to help you expand your knowledge from Secondary Mathematics I and prepare for Secondary Math III. Specifically, this course is designed to apply mathematics to your life and build a foundation of logic and problems solving.

Why should I learn mathematics?

- Math is a required skill in other classes during high school and after (i.e. college, trade school, life, etc.).
- Math is a tool that can help you solve problems in your everyday life now and down the road.
- Learning math provides you with the critical thinking and reasoning tools to help you solve non-math problems in your life.

With whom will I be working during this course?

- Mrs. Stokes
- You classmates

Where will I be learning/applying math?

- The classroom
- Wherever you may be

How will I be expected to behave?

The following standards of conduct will be implemented in the classroom.

1. Respect everyone's rights. Respect your right to learn. Respect the rights of your classmates to learn mathematics. Respect the right of Mrs. Stokes to teach.
2. Create and maintain a non-threatening, secure, businesslike place for all members of the classroom (you, your classmates, Ms. Stokes, and guests).
3. Cooperate with Mrs. Stokes and other classmates to increase our opportunities to learn and discover mathematics.
4. Follow classroom procedures set by Mrs. Stokes.
5. Follow school-wide policies.

What do I need to bring with me to class every day?

- Notebook or a three ring binder for notes and homework.
- Folder/Three ring binder to use as your Portfolio
- Pen, pencil
- Graphing Calculator (I like the TI series, but any **graphing** calculator will suffice)
- Willingness to work and try new things
- Secondary Math III Stokes

What will I be doing in class?

The work will be divided into 5 components, where you will be expected to:

- Participate in activities and lessons
- Complete homework assignments
- Evaluate learning through quizzes
- Take tests
- Produce and refine a portfolio

What will I learn from this course?

You will learn about ideas, relationships, and skills for each of the following content areas

- Numbers and Quantity
- Algebra
- Functions
- Modeling
- Geometry
- Statistics and Probability

How do I earn my grade?

- Homework 30%
- Portfolio 10%
- Quizzes 10%
- Tests 50%

How do I get extra help?

The instructors will be available 30 minutes before school and after school and during lunch by appointment.

Note: School procedures and policies concerning absences, tardies, truancies, and other disciplinary issues will be observed in this class.