

**Algebraic Concepts and Trigonometry
Course Syllabus
Mr. Feick**

Course Description

This is a traditional course in algebra and trigonometry. A logical approach to the study of the circular functions and the mechanics of working with these functions in the various systems of mathematics.

Course Units:

We will cover the following units: relations and functions, compositions and inverses of functions, linear functions and inequalities, distance and slope, forms of linear equations, angles and their measures, central angles and arcs, circular functions, trig functions of special angles, right angles, law of sines, Law of cosines, and areas of triangles

Course Materials

Textbook: Advanced Mathematical Concepts, precalculus with applications

In addition to the text, teaching materials will include notes, graphing calculators, videos, and Internet sources.

Students will be provided with a copy of the formula sheets to use throughout the year on class assignments and homework.

Classroom Expectations: My classroom expectations are defined by our school-wide BRAVE expectations:

Be Safe: Listen to staff, Maintain personal space

Respect Others: Be on time, Be polite, Use appropriate language and tone

Accountable: Be prepared, Be honest, Do your own work, Use electronic devices only when permitted

Victorious: Do your best work, Celebrate academic success

Enthusiastic: Have a positive attitude, Take ownership of learning

Special consideration needs to be given to the importance of Academic Integrity. I expect all my students to hold their work and learning in the highest regard. The following are the Academic Integrity expectations for this course:

- Do your own work
- Take pride in your work
- Show your work
- Ask for help if you are confused

- Help you peers to understand their work
- Do no copy or take pictures of someone's work
- Do no discuss test questions or answers
- Do no just give answers or air drop
- Do not give up
- Do not give your completed work to someone

Any violations of BRAVE expectations or Academic Integrity expectations will be handled as defined by the EFHS student handbook.

Grading Policy:

We will follow the school district grading scale:

- A: 100%-90%
- B: 89%-80%
- C: 79%-70%
- D: 69%-60%
- F: 59%-00%

Homework will be checked regularly for full credit. Late homework will be checked for half credit. Tests and Quizzes will be given on every section covered. Homework will account for about 20% and tests/quizzes 80% of your nine weeks grades.

Rules:

This class has one major rule: RESPECT. Respect yourself, Respect others, Respect the classroom, and lastly Respect your teachers. Follow this rule and we will have a GREAT year.

Tutoring Available

If you are ever feeling like you do not understand or are struggling in this course, let me know as soon as possible. We will make arrangements to get you the additional help you need. The longer you wait to get help, the harder it will be to get you up to speed.

I can be reached by phone at 412-896-2300 ext.7917 between 7 am and 2 pm or by email at lfeick@efsd.net