

Course Syllabus
Intermediate Algebra Concepts
Special Education
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Course Description:

This course is designed to help students who have an IEP and need support to develop or reinforce skills in the area of math and progress toward IEP goals. It reviews pre-algebra skills and extends through linear functions, linear inequalities, and systems of linear equations. Topics covered include:

- Foundations for Algebra – variables and expressions, operations with real numbers, work with negative numbers, introduction to irrational numbers, introduction to functions
- Equations – solving equations with one or more variables. Using equations to solve for an unknown variable.
- Functions – function concepts, applying functions
- Linear Functions – characteristics of linear functions, using a variety of forms of linear functions
- Data- Both Catagorical and quanitive data
- Polynomials
- Quadratic Functions.

Necessary Materials: Pencils, folder, notebook, iPad, Calculator

Texts: Individual Education Plans, general education curriculum, and a variety of electronic resources will be used.

Methodology: Teachers work together to develop a variety of methodologies, focusing on approaches to learning, especially critical thinking and reflection. Individual and collaborative active learning strategies are at the heart of classroom instruction. Real world connections and opportunities to investigate and solve problems will help students become world citizens.

Homework: Students will have daily work assigned to them. This work will likely be completed at school and at home. Assignments will be given out with paper and on Schoology (when possible). Students are expected to complete homework when it is assigned. Late work is accepted in accordance with IEP accommodations.

Assessment: Student learning will be assessed throughout units using both formative and summative assessments. Formative assessments will include items such as daily class activities and weekly tracking of missing assignments by the students. Summative assessments may include tests, projects, and progress on IEP goals and objectives.

Grading: Please refer to the Highland Park Grading and Assessment policy at the Highland Park Senior High website.

Academic Honesty: Please read Highland Park's Academic Honesty policy at the Highland Park Senior High website.

Course Expectations:

Students are expected to:

- Participate fully in class (do Math Review, take notes participate in discussions, complete homework to best of ability when assigned).
- Ask questions when needed
- Come to class prepared (have all materials needed for class)
- Follow classroom rules and rituals.
- Be on time and ready to learn
- Put forth your **best effort** with a **positive attitude**.
- Please do not bring food or drinks (water permitted) into the classroom.
- School policies will be followed regarding electronic equipment, headwear, attire, inappropriate language, absences, and tardiness.
- Follow the cell phone policy

Tests and Quizzes

There will be short quizzes administered on Friday's in a variety of ways. They may take the form of multiple choice, story problems, equations, or written responses. If you have done your homework, and gotten your questions answered, you will be prepared. Math Review will have quizzes every 2 weeks.

Absences

In case of absence students are responsible to get any materials they may have missed. Quizzes and Tests must be completed upon return.

DISTANCE LEARNING

Students will be expected to participate in the class on the distance learning schedule. Students will have daily tasks to complete. All daily work and information for class will be in the folder with the day's date.

Google Meet:

This class will meet twice a week for in person learning and instruction. Times for this class are: Monday 10:50-11:20 and Thursday 10:00-10:55. **Use the code hpshboyken3209 to enter.**

Office Hours:

I will keep office hours on every day but Monday. Office hours will be from 1:30-2:30. You will join through google meet.

Individual Sessions:

I will be available to meet with students individually. Students need to email me and we will set up a time to meet.