

Advanced Mathematics Decision Making

Fall 2020- Part A

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Course Description: This course will give students a hand at using math that they will see in the world outside of high school. These include topics such as data and statistics, estimations, personal finance, graphing, research applications and geometry. Most work in this class will be hands on for a more engaging learning environment.

Course Standards: You can access the course standards by following the link below.
<https://www.georgiastandards.org/Georgia-Standards/Frameworks/Advanced-Mathematics-Decision-Making-Standards.pdf>

Course Objectives

- **Unit 1: Analyzing Numerical Data**
- **Unit 2: Probability**
- **Unit 3: Statistical Studies**
- **Unit 4: Using Functions and Recursion Models**
- **Unit 5: Decision Making in Finance**
- **Unit 6: Networks and Graphs**

Class Expectations

- **Show up to class on time ready to learn (Same applies for virtual)**
- **Respect your teacher, classmates and especially yourself**
- **Turn in assignments on time**
- **If more time or assistance is needed do not hesitate to contact me**
- **Follow all rules and expectations for Glenn Hills High School**
- **No headphones unless required for class**

Required Materials

- Scientific Calculator (Graphing recommended)
- Graphing Paper
- Loose leaf paper
- Pencils
- Pens
- Computer and internet access (In case we switch to all virtual)

Grading Scale

40%- Cumulative (ex: Tests, projects and assessments)

30%- Formative (ex: quizzes)

20%- Homework

10%-Classwork