

## **Advanced Financial Algebra**

**Teacher:** Mrs. Edwards

**Email:** [katlinedwards@floydboe.net](mailto:katlinedwards@floydboe.net)

### **Advanced Financial Algebra**

Advanced Financial Algebra is a fourth-year mathematics course designed for students who have successfully completed Advanced Algebra: Concepts and Connections. This course extends and deepens student understanding of algebra, functions, statistics, and research design while introducing students to relevant financial and business applications. Students will create, apply, and interpret a wide variety of algebraic function-models to aid in real-world decision making. Topics should be represented in multiple ways, such as concrete/pictorial, verbal/written, numeric/data-based, graphical, and symbolic. Concepts should be introduced and used, where appropriate, in the context of realistic phenomena.

### **Primary Curriculum: NGPF (Next Gen. Personal Finance)**

- Our primary curriculum will focus from the NGPF textbook, which will be provided to you by unit in the classroom. You are responsible for keeping up with each Chapter in your 3-ring binder as it is given. All pages will be prepped, numbered, and hole punched for you. A digital copy will also be uploaded to google classroom. The majority of your tests will be given through this curriculum at the end of each chapter.

**Unit 1: Taxes & Fundamentals of Algebra**

**Unit 2: Checking & Linear Equations**

**Unit 3: Savings & Systems of Equations**

**Unit 4: Budgeting & Systems of Inequalities**

**Unit 5: Intro to Investing & Exponential Functions**

**Unit 6: Investing Strategies & Exponential Functions**

**Unit 7: Types of Credit & Modeling Functions**

**Unit 8: Managing Credit & Fundamentals of Statistics**

**Unit 9: Paying for College & Statistical Analysis**

**Unit 10: Insurance & Probability**

### **Supplemental Curriculum: Ramsey: Foundations in Personal Finance**

- Students are expected to create a student account at [ramseyclassroom.com](https://ramseyclassroom.com) using their email or parent/guardian email using the following class codes  
**2nd Period: 61dbd6**  
**6th Period: 9c3c8e**
- The majority of this curriculum will be used during times that I am absent. Each assignment/chapter/lesson is expected to be completed and turned in during class time to receive credit.

## Google Classroom

- Our primary curriculum textbook will be uploaded by unit as completed in class.
- All assignments and daily agendas will also be uploaded through google classroom.
- Students are responsible for completing ALL missed assignments if absent through google classroom. Zeros will be used as place holders in PowerSchool until missing assignments are completed.

2nd Class Code: **vywh7quw**

6th Class Code: **2wnf5xu7**

## Grading Policy:

### Fall and Spring Semester Average

|               |     |
|---------------|-----|
| Test Avg      | 55% |
| Daily         | 25% |
| Semester Exam | 20% |

## Late Policy

- Any assignments/classwork that are turned in late will result in the highest possible grade of a 70% until the zero deadline.
- Missing absent: You will be allowed 1 day from the time you return to complete any assignments/classwork.

## Required Materials

- 3-Ring binder

## Classroom Policies

1. The **tardy policy**, the **absentee policy**, and the **classroom management plan** will be followed in this class. Refer to the Student Handbook for details.
2. Do not ask to go to the restroom at the beginning of class or while I am in the middle of my instruction time unless it is an emergency.
3. I expect students to be prepared to begin work as soon as the tardy bell rings. **ALL WORK MUST BE DONE IN PENCIL!!**
4. It is the student's responsibility to complete and turn in any missed assignments due to absences, field trips, etc.
5. **Students MUST show their steps!** Credit will not be given for assignments that do not show necessary work.
6. If you have questions or concerns, you may email me (preferred) or call Pepperell High at 706-236-1844.
7. **No cell phones or ear buds will be allowed out during class.** Violation of this policy will result in relinquishing the cell phone to the classroom teacher. Failure to comply with this expectation will result in an office referral.

\_\_\_\_\_  
Student Name (Printed)

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent Name (Printed)

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date

Parent Email: \_\_\_\_\_

