

Advanced Financial Algebra

Teacher: Mrs. Edwards

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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. Statistical research and analysis will be utilized to determine the efficacy of model applications and assist in the decision-making process. Financial contexts for these mathematical concepts will include business operations and optimization, tax applications, banking services, budgeting, investment strategies and retirement considerations, stock market analysis, real estate fundamentals, student loans, and automobile ownership. Instruction and assessment should include the appropriate use of manipulatives and technology. 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.

Prerequisite for this course is Advanced Algebra: Concepts & Connections.

Grading Policy:

Fall and Spring Semester Average

Test Avg	55%
Daily	25%
Semester Exam	20%

Classroom needs: Paper towels, Disinfectant spray, tissues, hand sanitizer, pencils, notebook paper

The following materials are needed for class:

- One 3-Ring binder (this does not have to be a large binder) with paper and pencils

Student Name: _____ **Class Period** _____

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 **Student Signature** **Date**

Parent Name **Parent Signature** **Date**

The best way for me to communicate with you is through email, please provide me with an email address that you check often. Thank you so much!

Parent Email: _____
(Please neatly and clearly write your email)

Do you have access to the internet outside school? _____

I am really looking forward to teaching Advanced Financial Algebra this year! We will have a great year! Please contact me if you have any questions at all!