



JACKSON-REED HIGH SCHOOL

3950 CHESAPEAKE STREET, NW - WASHINGTON, DC 20016

202-282-0120 www.wilsonhs.org

Celebrating 80 years of Excellence

Advanced Financial Algebra

Instructor Nicole Bellerice

Phone 202.282.0120

Office Hours Make an appointment with your teacher!

E-mail nicole.bellerice@k12.dc.gov

Course Description (Overview):

Our Advanced financial Algebra curriculum covers 10 units, including Investing, Taxes, Saving, Behavioral Economics, and Paying for College. Our resources include hands-on, real-world applications that build student financial capability for high school students. The Algebra I focus will emphasize understanding the real number system as a basic structure of algebra. Arithmetic operations with real numbers are reviewed and properties of rational and irrational numbers, both subsets of the set of real numbers, are used. Arithmetic operations are performed on polynomials. Students create equations that describe numbers or relationships and solve equations and inequalities in one variable, algebraically and graphically.

Course Schedule:

PERSONAL FINANCE UNIT	CORE MATH COMPETENCY
1. Taxes	Fundamentals of Algebra
2. Checking	Linear Equations
3. Saving	Systems of Equations
4. Budgeting	Systems of Inequalities
5. Intro to Investing	Exponential Functions
6. Investing Strategies	Exponential Functions
7. Types of Credit	Modeling Functions
8. Managing Credit	Fundamentals of Statistics
9. Paying for College	Statistical Analysis
10. Insurance	Probability

Resources and Supplies:

Required Supplies:

- Pencils and Erasers
- 3-ring Binder
- School Device
- Binder dividers
- Loose leaf Paper
- Scientific Calculator
- Box of Tissues

Grading Policy:

All courses must follow the official DCPS grading scale.

- **10% Engagement** – Attendance, Class Participation, Attending Office Hours, etc.
- **50% Practice and Application** - Projects, Classwork, Homework
- **40% Assessments** - Tests, Quizzes, Exit Tickets, etc.

Homework:

- Homework will generally be assigned daily, except for major test days.
- Most of the homework assignments in this class will be assigned on Delta Math and completed online
- You will be required to get a certain number of questions *correct* (not just answered) to get credit
- Students have the same number of days to make up homework as the number of days missed for an excused absence.

Late Work:

- Missing assignments are still accepted through the end of the advisory
- However, work turned in past the initial deadline (except in the case of excused absences) cannot receive a grade higher than a B (86%)
- Tests and quizzes can also be retaken to earn a higher grade, but can also not receive a grade higher than a B

Class Expectations:

- **Be Engaged** (This means you are actively participating, listening, asking questions, etc.)
- **Be Prepared** (This means that you are present at the start of class with a pencil and paper ready at hand)
- **Be Respectful** Be respectful to yourself, your peers, and me (This means that you listen to each other, speak when appropriate, and use appropriate voice and language)
- **Be Open-Minded** (This means that you are willing to take risks with your learning, challenge yourself, and bring a positive attitude to class)
- **Be Honest** (This means that you do your work individually, with NO cheating. Do the work and show yourself what you can accomplish. It's much more fulfilling)

Attendance:

If you are absent for any reason, you need to get your notes and work caught up immediately upon return. Just because you were gone does not make you exempt. If you are absent during a review day before a test/quiz, you are still responsible for taking that assessment on time. See me if you miss a test/quiz for ways to make it up!

Student Name: _____ Signature: _____

Parent or Guardian Signature: _____