

Contact

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Materials

Notebook
Laptop | Canvas
Online Cengage Textbook

Grades

- **Student Engagement:** Includes: Warm-ups, Exit Tickets,, class discussions, class preparedness
- **Practice & Application:** Includes: Classwork and homework
- **Assessments:** Includes: Quizzes, tests, projects,and RCTs,

Units

01. Discretionary Expenses
02. Banking Services
03. Consumer Credit
04. Automobile Ownership
05. Employment Basics
06. Independent Living
07. Modeling a Business
08. The Stock Market

“The number one problem in today’s generation and economy is the lack of financial literacy.” - Alan Greenspan

Overview

Mathematics plays a fundamental role in daily life, including our complex financial system. Financial Algebra is designed to merge algebraic skills with practical business and real-world financial issues as students explore how to understand, predict, and control our financial world. This course will cover topics such as business start-ups, banking, income taxes, the stock market, loans, credit cards, and home buying. Through this financial lens, you will study mathematical concepts such as data analysis, mathematical modeling, interest formulas, algebraic representations of relationships, and present and future value. Problem solving and communicating mathematical ideas will be an integral part of this course.

Responsibilities & Expectations

1. Uphold the Ellington CREED, dress code, and cell phone policy when in class.
2. **Be Prompt.** Be in your seat with your materials ready at the beginning of class. Tardiness interrupts learning, which is unfair to your fellow classmates.
3. **Be Prepared.** Always have your course materials (charged laptop, notebook, writing utensil) with you when you come to class. Be prepared to learn.
4. **Be Patient.** Respect yourself and others. Give your fellow students the time they need to answer questions. Minimize classroom distractions, as they interrupt the learning environment.
5. **Be Persistent.** Everybody learns more when they are actively involved. Make sure you are on task, taking notes, **asking questions**, and working cooperatively with your classmates.
6. There will be at least 4 major projects this school year.
7. Canvas will house all of the assignments for this course. If at any point you lose access, please contact the IT department immediately so that you do not fall behind.

Commitment Responsibility Excellence Empathy Dignity