



Muscle Shoals Course Syllabus

Teresa Burdzen
tburdzen@mcs.k12.al.us
256-389-2660 ext.1680

Algebra with Finance

Learning mathematics requires practice to develop and maintain mastery of requisite skills. The study of mathematics can be either 'exciting and rewarding' or 'dull and frustrating'. The student's experience in mathematics will be a direct result of their attitude and effort. A positive attitude and commitment to practice will greatly improve the level of student success. With honest effort comes true learning and future reward.

Grade Categories

Test: Chapter Test, Comprehensive Nine-week Exam, and Comprehensive Semester Exam

Practice: Homework, classwork, and notes; assigned and checked daily

Quiz: Basic Skills Review, Previous Concept Review, and ACT Preparation

Test: 70%

Quiz: 15%

Practice: 15%

Course Fee

\$5 technology fee.

Course Materials

Bring your textbook, pencil, highlighter, three-ring binder, loose-leaf paper, graph paper, planner, graphing calculator, scientific calculator, and a positive attitude, every day.

Make-Up Work

It is the student's responsibility to see the assignment board for make-up work, the teacher to schedule a make-up test, and a responsible classmate to obtain a copy of notes missed. The student has three days, or the number of days absent, to submit work missed.

Practice Work

Work will be graded for both attempt and accuracy. Binders will be graded periodically.

Expectations

The student is expected to:

- Label each page in upper right-hand corner with *first and last name*, block, date, and assignment.
- Keep all notes and practice work in binder for the semester.
- Keep binder neat and organized with work in chronological order.
- Review notes and textbook lesson before and during practice assignment.
- Show all work, even if mental math or a calculator is used.
- Work each problem, not skip difficult problems.
- Check and correct homework problems daily.
- Use class binder and textbook as a resource.
- Accept a penalty for late assignments.

A great internet resources: www.homeworkalabama.org

BE RESPECTFUL

BE RESOURCEFUL

BE RESPONSIBLE

Course Objectives

- Students are introduced to basic business organization terminology and information in order to read, interpret, compute and chart stock ownership and transaction data.
- Students will interpret, create, graph and make predictions with the use of linear, quadratic, and regression equations to analyze supply, demand, expense, revenue, and profit data as they relate to the sale of a product.
- Students will learn the function and computation of interest in short-term, long-term, single deposit and periodic deposit accounts.
- Students learn how to use and manipulate the credit formulas in order to make wise credit choices that fit their needs, current financial situation, and future goals.
- Students will calculate, chart, apply, and interpret using mathematics the formulas used to model purchasing, insuring, depreciating, and driving a car.
- Students will learn how salaries are computed, benefits bestowed, and wage taxes calculated using mathematical formulas.
- Students see how mathematics can be used to model and understand our progressive tax system. Through the creation of functions and the analysis of graphic representations of those functions, students gain insight into their income reporting and tax paying obligations.
- Students will work their way through the mathematics that models moving, renting, and purchasing a place to live.
- Students will learn to calculate, compare and understand retirement savings plans, both personal and federal, employee pension programs, and life insurance.
- Students will develop, chart, interpret and visualize a responsible personal budget with the help of line equations and algebraic formulas.

Discipline Procedures

All rules, regulations, guidelines, and policies of the Muscle Shoals Board of Education, Muscle Shoals High School Handbook, and Muscle Shoals Career Academy Handbook will be followed.

Consequences:

1. Verbal Warning
2. Student Conference
3. Parent Conference
4. Office Referral

Certain violations will result in an immediate office referral.

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