



Class Title: Red Business 110: Business Math

Teacher Name: Samantha Procopio

Class Day: Friday

Class Size: 10

Class Cost:

Non College Credit: \$65

College Credit: \$14

\$250 per month [study.com](https://www.study.com) subscription that you will pay directly to them for the months of February, March and April.

Class Fee: \$96

Ages or color group served: Red

What level is this class: Level 3

Prerequisites: Math Skills: Students should be comfortable with: Basic arithmetic, Working with fractions, decimals, and percentages, Solving simple algebraic equations.

Technology: Students will need reliable internet access and the ability to navigate Study.com independently. A calculator and access to a spreadsheet program (Excel or Google Sheets) are recommended.

Graduation Requirements: Students must complete 80% or more of Study.com content and participate consistently in co-op sessions.

College Credit Option:

- Please be advised that this is a college level class.
- Students may choose to take the ACE-approved Study.com final exam during class on Week 12.

- The exam is openbook and no longer requires a proctored exam

- Students will have a week to prepare for the exam and will have time to prep both in class and out of class.
- In order to receive college credit, students will not be able to use the HCU login and will need their own [Study.com](https://www.study.com) College Accelerator Account. This account is \$250 per month.
- [Study.com](https://www.study.com) accounts can be paused or canceled at any time and all completed work and quizzes from all classes will be saved in their system indefinitely.
- Students are NOT allowed to start their course until after the 1st day of school and only after they have received instruction from the teacher! It is important that they receive the tips and tricks on successfully taking the course.
- Students will have 3 opportunities to take all quizzes, chapter test, and the final exam. They will receive the highest grade out of the 3.

Additional Information

- Please be advised that 2 final exams are included in this plan and all other final exams are an additional \$100 per exam.
- From a financial standpoint, it is best to take an additional college course since that exam is free of charge and included in your plan.
 - There are over 4000 courses on [study.com](https://www.study.com) and over 4500 colleges and universities that accept ACE and CLEP college credit.

- It is the parents responsibility to create a list of possible colleges and to research the schools ACE credit policy to determine how many credits they accept. Every college has a different amount that they accept. For example: Excelsior Univeristy accepts 90%, Liberty University accepts 75%, USC accepts 15 credits etc.

Homework Requirements: At-Home Work is Required: Students must complete assigned Study.com lessons before class each week to participate fully.

Each Study.com chapter includes 7–9 short video lessons, with each lesson running about 7 minutes in length. The full Study.com course consists of 10 chapters and 91 lessons, totaling approximately 8 hours of video instruction. Students will also complete short open book quizzes after each lesson to check for understanding.

Class Description:

This Business Math course combines online learning through Study.com with weekly in-person co-op sessions to reinforce concepts through discussion, problem-solving, and real-world application.

At home, students will complete video lessons and quizzes through Study.com's Business 110: Business Math course. In class, students will engage in collaborative activities to apply what they've learned, ensuring full comprehension and practical understanding.

By completing this course, students will earn 1 high school math credit. In addition, students will have the option of taking the Study.com final exam at the end of the semester to earn college credit.

Please review the full syllabus here:
https://docs.google.com/document/d/1e8oExInfj69PNAUCKuHtcz2q1QAyzsk_fh05vO1naZg/edit?usp=sharing

Week 1:

At Home: Ch 1 – Number Sense

In Class: Course overview; number sense warm-ups; mental math & estimation drills; quick business-style calculations

Week 2:

At Home: Ch 2 – Linear Equations & Inequalities

In Class: Translating word problems; linear models; mini-whiteboard practice

Week 3:

At Home: Ch 3 – Business Math Applications

In Class: Apply formulas to real-world cases (inventory, pricing, commissions); small-group case studies

Week 4:

At Home: Ch 4 – Math for Financial Analysis

In Class: Practice financial ratios; analyze mock income statements; hands-on spreadsheet activity

Week 5:

At Home: Ch 5 – Interest & Purchase

In Class: Compare simple vs. compound interest; calculate markups, markdowns, and financing options on purchases

Week 6:

At Home: Ch 6 – Depreciation & Salvage Values

In Class: Build sample depreciation schedules; compare straight-line vs. declining-balance in practice

Week 7:

At Home: Ch 7 – Profitability Metrics & Analysis

In Class: Calculate margins, ROI, and breakeven; role-play as “business analysts” presenting findings

Week 8:

At Home: Ch 8 – Profitability & Statistics for Business

In Class: Collect class data (survey or poll); calculate mean/median; graph results; connect stats to profitability

Week 9:

At Home: Ch 8 – Profitability & Statistics for Business

In Class: Collect class data (survey or poll); calculate mean/median; graph results; connect stats to profitability

Week 10:

At Home: Studying for Business 101

In Class: Jeopardy-style review game; targeted reteach from exit tickets

Week 11:

At Home: Studying for Business 101

In Class: Full practice exam; exam-strategy workshop; logistics briefing

Week 12:

Final Exam.