



Petersburg High School

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Brad King
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Proposed Mathematics Course

Course Title: **Business Math and Personal Finance**

Instructor: Rebecca Shatwell

Course Category: Mathematics

Grade Level: 11-12

Course Description:

In this 30-module course, students will explore all aspects of financial knowledge to understand their relationship with money, build habits and plans for their own financial success, as well as explore the mathematics behind major topics such as profit and loss, compiling business data, interpreting graphs, and applying math concepts to key areas of personal finance and business. There are three sections to the 30-module course:

Section I: Personal Finance - 12 weeks

- Financial Literacy Intro
- Income & Employment
- Savings & Banking
- Debt & Student Loans
- Credit, Credit Scores & Credit Cards
- Accounting & Budgeting
- Income Taxes
- Home Ownership
- Investing

Section II: Starting and Scaling a Successful Business- 12 weeks

- Creating a viable business plan
- Expenses vs. Revenue
- Advertising
- Profit vs. Reinvesting
- Accounting
- Payroll Taxes, Workman's Compensation, and Benefits
- Point of Diminishing Returns

Section III: Wealth Building- 12 weeks

- Wealth & Portfolio Building
- Bonds
- Stocks & Stock Market
- Business Ownership
- Real Estate Investing

- Insurance & Consumer Protection
- Retirement
- Life Planning