

COURSE TITLE: Business Math

Graduation Requirement Subject Area(s): 1. Mathematics or 2. Practical Art or 3. Elective

Course Information	Estimated Homework per Class Meeting	Prerequisites/Corequisites
<input type="checkbox"/> CSU/UC Approved <input type="checkbox"/> Weighted grade	0-20 minutes	12th Grade

Articulation Credit with MiraCosta College Option: Any student who completes enrollment in MiraCosta college and earns a final grade of "B" or better will receive free MiraCosta College credit for Business Mathematics ACCT 158 - 3 units college credit.

Course Description:

This course is a practical and “real life” application of mathematics. Emphasis is placed on personal financial literacy and business mathematics such as financial planning, investments, budgets, insurance, loans, payroll, banking, and taxes as well as actual business practices. Students apply reliable information and systematic decision making to personal financial decisions. It prepares students for the study of accounting as well as for pre-employment mathematics tests common to office employment. Applications include trade and cash discounts, markups, depreciation, interest, and inventory.

Priority Knowledge and Skills

PERSONAL FINANCE

Personal Budget

- Apply strategies to monitor income (gross/net).
- Apply strategies to plan for and monitor expenses (variable/fixed).
- Compare strategies for saving and investing as a way to achieve long-term financial goals.

Credit

- Understand the significance and consequences of personal credit (Credit scores, credit report, identity theft, consumer protection)
- Develop strategies to affect and manage credit.
- Compare types and terms of credit and loans.

Financial Decision Making

- Apply reliable information and systematic decision making to personal financial decisions (wants/needs, consequences, opportunity costs)
- Understand the different types and purposes of insurance

BUSINESS FINANCE

- Understand business-to-business payment terms.
- Calculate discounts, net price, markups, markdowns, and selling price.
- Read and understand financial statements (income statement, balance sheet).
- Calculate depreciation and show the effects on the income statement and the balance sheet (straight line, declining balance, sum of the year’s digits, unit production methods).
- Figure ending inventory and inventory valuation (COGS, LIFO, FIFO, weighted average)