

Idaho PTE Business Education Course w/Essential Learning Outcomes

Course Title	BUSINESS MATH		
SDPTE Course ID	BE 0180	IBED	IBED 02154

A course designed to provide students with an understanding of essential business mathematical concepts. Basic math and algebraic operations as well as statistical procedures are used to analyze and solve realistic business and money management problems.

Term	Semester/Trimester/Year	Preq	None
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Notes:

Computation Comp_1: Demonstrate Knowledge of Mathematical Foundations for All Computational Skills and Concepts

Comp_1.1 Apply basic mathematical operations to solve problems.

Computation Comp_2: Demonstrate Knowledge of Number Relationships and Operations

Comp_2.1 Solve problems containing whole numbers, decimals, fractions, percents, ratios, and proportions.

Computation Comp_3: Demonstrate Knowledge of Patterns, Functions, and Algebra

Comp_3.1 Use algebraic operations to solve problems.

Computation Comp_4: Demonstrate Knowledge of Measurements

Comp_4.1 Use common international standards of measurement in solving problems.

Computation Comp_5: Demonstrate Knowledge of Statistics and Probability

Comp_5.1 Analyze and interpret data using common statistical procedures.

Computation Comp_6: Demonstrate Knowledge of Problem-Solving Applications

- Comp_6.1 Use mathematical terminology and procedures to analyze and solve business problems for such areas as taxation.
- Comp_6.2 Use mathematical procedures to analyze and solve business problems for savings and investment.
- Comp_6.3 Use mathematical procedures to analyze and solve business problems for payroll records.
- Comp_6.4 Use mathematical procedures to analyze and solve business problems for cash management.
- Comp_6.5 Use mathematical procedures to analyze and solve business problems for financial statements.
- Comp_6.6 Use mathematical procedures to analyze and solve business problems for credit management.
- Comp_6.7 Use mathematical procedures to analyze and solve business problems for purchases.
- Comp_6.8 Use mathematical procedures to analyze and solve business problems for sales.
- Comp_6.9 Use mathematical procedures to analyze and solve business problems for inventory records.
- Comp_6.10 Use mathematical procedures to analyze and solve business problems for depreciation, cost recovery, and depletion.

Entrepreneurship Entr_1: Demonstrate Knowledge of Entrepreneurship Characteristics

Entr_1.4 Apply the steps in the problem-solving process to solve actual and potential business problems.

International Business IntB_5: Demonstrate Knowledge of International Finance and Risk Management

IntB_5.1 Explain the role, importance, and concepts of international currency and exchange in the market.