

Business and Finance Technology Education Frameworks
Accounting

| Content Standard 1 - Accounting Profession | | | |
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| Accounting professionals must be able to understand, interpret and use accounting information to make financial decisions. | | | |
| The student will be able to: | Beginning | Intermediate | Advanced |
| Explain the role that accountants play in business and society. | <p>Learner Expectation</p> <p>*Describe career opportunities in the accounting profession.</p> <p>*Explain the need for a code of ethics in accounting and ethical responsibilities required of accountants.</p> | <p>Learner Expectation</p> <p>Describe how current events impact the accounting profession.</p> <p>Identify the major-policy setting bodies in the accounting profession and explain their role.</p> | <p>Learner Expectation</p> <p>Describe the current and historical regulatory environment of the accounting profession.</p> <p>Describe the areas of specialization within the accounting profession and careers that require knowledge of accounting.</p> <p>Explain how accounting information is used to allocate resources in the business and personal decision-making process.</p> |

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| Content Standard 2 - Accounting Principles | | | |
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| Mastery of fundamental accounting principles, skills and competencies is essential to making informed business decisions. | | | |
| The student will be able to: | Beginning | Intermediate | Advanced |
| <p>Strand 1-Assets</p> <p>Identify and describe generally accepted accounting principles currently (GAAP/IFRS) and explain how the application of these principles impacts the recording of financial transactions and the preparation of financial statements.</p> | <p>Learner Expectation</p> <p>Describe and explain the conceptual framework of accounting principles and assumptions.</p> <p>*Define assets, liabilities, equity, revenue, expenses, gains and losses.</p> <p>*Describe methods for controlling and safeguarding cash.</p> <p>Identify the value of accounts receivable to be reported on the balance sheet.</p> | <p>Learner Expectation</p> <p>Distinguish between the accrual basis of accounting and the cash basis of accounting and discuss the impact each has on the financial statements.</p> <p>Explain the accounting methods used to determine the value of accounts receivable to be reported on the balance sheet.</p> <p>*Record transactions affecting accounts receivable, including uncollectible accounts, write-offs and recoveries.</p> <p>*Explain the difference between the periodic and perpetual inventory methods.</p> | <p>Learner Expectation</p> <p>Describe the methods and criteria used to account for investments and their impact on the financial statements.</p> |

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| Mastery of fundamental accounting principles, skills and competencies is essential to making informed business decisions. | | | |
| The student will be able to: | Beginning | Intermediate | Advanced |
| | Identify the costs of property, plant and equipment. | <p>*Determine the cost of inventory for businesses and apply appropriate valuation methods.</p> <p>Identify and describe the cost flow assumptions for inventory and explain the impact on the balance sheet and income statement.</p> <p>Determine the costs of property, plant and equipment, natural resources and intangible assets and record associated transactions.</p> | <p>*Identify, calculate and record depreciation and depletion and explain the impact on the financial statements.</p> <p>Determine the impact on the financial statements when assets are sold, disposed or rendered obsolete.</p> |
| Strand 2-Liabilities | <p>Learner Expectation</p> <p>*Apply transactions for accounts payable and other short-term debt.</p> | <p>Learner Expectation</p> <p>*Record transactions for accounts payable and other short-term debt.</p> <p>Record and analyze accruals for liabilities that are probable and can reasonably be estimated.</p> | <p>Learner Expectation</p> <p>Calculate the cost of borrowed funds and determine the impact on the financial statements.</p> <p>Record and analyze transactions for long-term debt instruments.</p> <p>Identify liabilities categorized as other long-term obligations, such as deferred income tax liability and post-retirement benefits.</p> |

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| Mastery of fundamental accounting principles, skills and competencies is essential to making informed business decisions. | | | |
| The student will be able to: | Beginning | Intermediate | Advanced |
| Strand 3-Equity | <p>Learner Expectation</p> <p>*Describe and record equity-related transactions.</p> | <p>Learner Expectation</p> <p>Record and analyze equity-related transactions.</p> | <p>Learner Expectation</p> <p>Differentiate between stock splits and stock dividends and explain how each affects equity.</p> <p>Explain how operating results, capital contributions and distribution of earnings affect equity for the various types of ownership structures.</p> <p>Explain how the acquisition and sale of a company's own stock affects the financial statements.</p> |
| Strand 4-Revenue | <p>Learner Expectation</p> <p>*Describe and record revenue-related transactions.</p> | <p>Learner Expectation</p> <p>*Analyze transactions involving accruals.</p> | <p>Learner Expectation</p> <p>Analyze transactions involving deferrals.</p> <p>Distinguish between revenue and gains.</p> |

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| Mastery of fundamental accounting principles, skills and competencies is essential to making informed business decisions. | | | |
| Strand 5-Expenses | Learner Expectation | Learner Expectation | Learner Expectation |
| | *Describe and record expense-related transactions. | Analyze transactions involving accruals. | Analyze transactions involving deferrals. Distinguish between expenses and losses. |

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| Content Standard 3 - Accounting Process The accounting process is an integral aspect of all business activities. | | | |
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| The student will be able to: | Beginning | Intermediate | Advanced |
| Complete the steps of the accounting cycle in order to prepare the financial statements. | <p>Learner Expectation</p> <p>Explain the purpose of a uniform accounting system.</p> <p>Explain the purpose of journals and ledgers and their relationship.</p> <p>Describe the impact of technology on the accounting process.</p> <p>*Analyze and describe how basic business transactions impact the accounting equation.</p> <p>Apply the double-entry system of accounting to record basic transactions and prepare a trial balance.</p> <p>*Explain the need for adjusting entries and record basic adjusting entries.</p> <p>*Complete the closing process.</p> | <p>Learner Expectation</p> <p>Apply the double-entry system of accounting to record complex transactions and prepare a trial balance.</p> <p>Explain the need for adjusting entries and record complex adjusting entries.</p> <p>Explain the need of the closing process and the recording of closing entries.</p> | <p>Learner Expectation</p> <p>Prepare the financial statements for the different types of business operations and ownership structures.</p> |

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| Content Standard 4 - Financial Reports Use financial statements to make informed business decisions. | | | |
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| The student will be able to: | Beginning | Intermediate | Advanced |
| Develop an understanding and working knowledge of financial statements. | <p>Learner Expectation</p> <p>Identify sources of information to prepare basic financial reports.</p> <p>*Describe the users and uses of financial information.</p> <p>*Describe the information provided in each financial statement and how the statements relate.</p> | <p>Learner Expectation</p> <p>Identify sources of information to prepare complex financial reports.</p> <p>Explain and analyze the information provided in each financial statement and how the statements relate.</p> | <p>Learner Expectation</p> <p>Identify and explain the business activities reported in a statement of cash flows (operating, investing and financing).</p> <p>Define comprehensive income and describe its relationship to operating results.</p> <p>Describe how disclosure requirements impact financial reporting.</p> |

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| Content Standard 5 - Financial Analysis | | | |
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| Financial Analysis is necessary to determine the fiscal position of a business. | | | |
| The student will be able to: | Beginning | Intermediate | Advanced |
| Assess the financial condition and operating results of a company and analyze and interpret financial statements and information to make informed business decisions. | <p>Learner Expectation</p> <p>*Calculate component percentages.</p> | <p>Learner Expectation</p> <p>*Discuss the information that can be obtained from analyzing financial statements.</p> <p>Calculate and interpret financial ratios.</p> | <p>Learner Expectation</p> <p>Use the statement of cash flow to analyze business activities (operating, investing, financing).</p> <p>Analyze cash flow from operating activities to assess profitability and liquidity.</p> <p>Research industry averages and explains their use in assessing the financial condition, operating results, profitability, liquidity and capital structure.</p> |

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| Content Standard 6 – Special Applications Payroll is a significant business expense. | | | |
|---|---|---|---|
| The student will be able to: | Beginning | Intermediate | Advanced |
| Apply appropriate accounting principles to payroll. | <p>Learner Expectation</p> <p>*Prepare and maintain payroll records.</p> <p>Calculate and record transactions related to employee payroll.</p> <p>Calculate and record employer’s payroll taxes.</p> | <p>Learner Expectation</p> <p>Journalize payroll transactions.</p> | <p>Learner Expectation</p> <p>Calculate and record payroll accruals.</p> |