

## Colorado CTE Course – Scope and Sequence

Course Name	Principles of Accounting & Finance (B-core pathway)		Course Details	.5 (B-core pathway)	
			Course = 0.50 Carnegie Unit Credit		
<b>Course Description</b>	<i>Principles of Accounting &amp; Finance</i> is a course that brings together the business functions of accounting, finance and management. It introduces students to accounting and finance knowledge and skills for all business organizations. Topics will include understanding tools, strategies, and systems used to maintain, monitor, and control financial resources. Major topics include time value of money, forecast sales, how to interpret financial statements and more. Throughout the course, students are presented problem-solving situations for which they must apply academic and problem-solving skills				
<b>Note:</b>	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all competencies/performance indicators are covered. Course will be built out in the state Schoology account summer 2020.				
SCED Identification #	12104	Schedule calculation based on 60 calendar days of a 90-day semester. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.			
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at <a href="https://www.cde.state.co.us/standardsandinstruction/essentialskills">https://www.cde.state.co.us/standardsandinstruction/essentialskills</a>					
Instructional Unit Topic	Suggested Length of Instruction	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	CTSO Integration
Ethics	2-3 days	Explain the role of ethics in financial and accounting procedures	Understand the role of ethics	Students will be able to identify ethical issues in finance and suggest ethical solutions. Measurement: Case Study with ethical dilemmas or exam with short answer questions.	FBLA: Accounting I, Accounting II, Business Ethics  DECA: Accounting, Business law and ethics
Accounting Basics	1 week	Understands tools, strategies, and systems used to maintain, monitor, control, and plan the use of financial resources	Understand how to tell the “story” behind the numbers	Students will be able to define a. what an asset represents (future benefit) b. What does a liability represent (future obligation) c. Difference between cash flows and accrual profit/loss	FBLA: Accounting I, Accounting II  DECA: Accounting Applications



Accounting Basics	1.5 week		Understand effects of transactions on accounting equation	<ul style="list-style-type: none"> <li>(a) Explain the concept of accounting and the accounting cycle</li> <li>(b) Define of assets, liabilities, equity</li> <li>(c) Classify accounts as assets, liabilities, or equity</li> <li>(d) Demonstrate their relationships in the accounting equation</li> </ul>	<p>FBLA: Accounting I, Accounting II</p> <p>DECA: Accounting Applications</p>
Financial statements	2.5 weeks	Understands tools, strategies, and systems used to maintain, monitor, control, and plan the use of financial resources	Understand the types of financial statement analysis	<p>Students will be able to distinguish between: Balance sheets, Cash Flow, and Income Statements, and interpret financial data about a business through the financial statements.</p> <ul style="list-style-type: none"> <li>(a) Define and describe components of the balance sheet</li> <li>(d) Define and describe components of the income statements</li> <li>(c) Clarify the difference between an income statement and a statement of cash flows</li> </ul> <p>Outcome: Simple test questions given a financial statement, and data to assimilate.</p>	<p>FBLA: Accounting I, Accounting II, Business Financial Plan</p> <p>DECA: Accounting Applications</p>
Financing (1)	1 week		List types of financial markets	<ul style="list-style-type: none"> <li>(a) Describe sources of equity capital</li> </ul>	



				Describe sources of debt financing	
Financing (2)			Understand factors to consider in choosing between debt and equity capital.	Students will be able to delineate between debt financing and equity capital for business purposes such as expansion, R&D or acquisition. Measurement multiple choice or short answer test with applicable situations.	FBLA: Business Financial Plan  DECA: Business Finance
Financing (3)			Understand role of private equity and venture capital	a. Characterize outside investor classifications (i.e. angels, friends of family, venture capital, private equity)	FBLA: Business Financial Plan  DECA: Business Finance
Annual Reports	1 week		Understand the nature of annual reports	Students will be able to: a. Find annual reports for public companies. b. Summarize the major topics in management's analysis. c. Evaluate the overall health of the company based on the annual reports information. d. Discuss the purpose of annual reports.	FBLA: Business Financial Plan, Accounting II DECA: Business Finance Entrepreneurship events
Finance Basics	1.5 weeks		Explain time value of money	(a) Explain the concept of finance (b) Explain the significance of time value of money (c) Define interest, inflation, present value, rate of return	FBLA: Introduction to Business, Agribusiness, Global Business, Introduction to Business Procedures,



				<ul style="list-style-type: none"> <li>(d) Explain information that is needed when considering time value of money</li> <li>(e) Discuss situations in which present value is needed</li> </ul>	<p>Introduction to Financial Math, Economics</p> <p>DECA: Business Finance</p>
Finance Basics	1 week		Calculate return on investment (ROI)	<ul style="list-style-type: none"> <li>a. Define the following term: return on investment (ROI)</li> <li>b. Discuss the importance of calculating and tracking return on investment (ROI)</li> <li>c. Explain methods to calculate return on investment (ROI)</li> <li>d. Demonstrate how to calculate return on investment (ROI)</li> </ul>	<p>FBLA: Business Calculations, Economics, Introduction to Business, Introduction to Financial Math, Global Business, Securities &amp; Investments</p> <p>DECA: Business Finance</p>
Financial Analysis	1.5 weeks		Calculate business ratios to evaluate company performance. Interpret business data into information for decision-making, Introduce and discuss the use of benchmarking	<ul style="list-style-type: none"> <li>a. Calculate key financial ratios (e.g. debt:equity ratio, gross margin, etc. )</li> <li>b. Explain the purpose of analyzing financial ratios.</li> <li>c. Compare ratios to relevant standards (e.g, industry, competitors)</li> <li>d. Assess the future business impact of differences in ratios</li> </ul>	<p>FBLA: Introduction to Financial Math, Accounting II, Banking &amp; Financial Systems, Business Calculations, Business Plan, Introduction to Business Procedures</p> <p>DECA: Business Finance</p>



<p>Projections</p>	<p>1.5 weeks</p>	<p>Standard: Understands the processes and systems implemented to monitor, plan, and control the day-to-day activities required for continued business functioning</p>	<p>Develop projections to understand a business's financial needs at different stages of its development</p>	<ul style="list-style-type: none"> <li>a. Complete a simple financial model of the future performance of a business.</li> <li>b. Manipulate model to address the specific differences in a business.</li> <li>c. Associate changes in assumptions with changes in financial projections.</li> <li>d. Modify projected financial performance based on changes in the business size and stage of development</li> </ul>	<p>FBLA: Business Financial Plan  DECA: Business Finance Buying and Merchandising</p>
<p>Careers in Accounting and Finance</p>	<p>1 week</p>	<p>Standard: Understands concepts, tools, and strategies used to explore, obtain, and develop in a business career</p>	<p>Understand employment opportunities in the finance and accounting industry and their professional relationships</p>	<ul style="list-style-type: none"> <li>a. understanding professional designations for accountants</li> <li>b. Describe the requirements for various professional designations.</li> </ul>	<p>FBLA: Job Interview, Electronic Career Portfolio DECA: Principles Events</p>