



Course Syllabus

ACCT 2402- Principles of Managerial Accounting

Revision Date: 8/15/16

Catalog Description: This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operation budgeting and planning, costs control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation.

Lecture hours = 3, Lab hours = 3

Prerequisites: None

Semester Credit Hours: 4

Lecture Hours per Week: 3

Lab Hours per Week: 3

Contact Hours per Semester: 96

State Approval Code: 52.0301.51 04

Core Components and Related College Student Learning Outcomes

This course counts as part of the academic requirements of the Panola College Core Curriculum and an Associate of Arts or Associate of Science degree. Yes No: If no, skip to Instructional Goals.

The items below marked with an X reflect the state-mandated outcomes for this course **IF this is a CORE course:**

- Critical Thinking Skills – to include creative thinking, innovation, inquiry and analysis, evaluation and syntheses of information
 - CT1: Generate and communicate ideas by combining, changing, or reapplying existing information
 - CT2: Gather and assess information relevant to a question
 - CT3: Analyze, evaluate, and synthesize information
- Communication Skills – to include effective development, interpretation, and expression of ideas through written, oral, and visual communication
 - CS1: Develop, interpret, and express ideas through written communication
 - CS2: Develop, interpret, and express ideas through oral communication
 - CS3: Develop, interpret, and express ideas through visual communication
- Empirical and Quantitative Skills – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
 - EQS1: Manipulate and analyze numerical data and arrive at an informed conclusion

- EQS2: Manipulate and analyze observable facts and arrive at an informed conclusion
- Teamwork – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
 - TW1: Integrate different viewpoints as a member of a team
 - TW2: Work with others to support and accomplish a shared goal
- Personal Responsibility – to include the ability to connect choices, actions, and consequences to ethical decision-making
 - PR1: Evaluate choices and actions and relate consequences to decision-making
- Social Responsibility – to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
 - SR1: Demonstrate intercultural competence
 - SR2: Identify civic responsibility
 - SR3: Engage in regional, national, and global communities

Instructional Goals and Purposes:

The purpose of this course is to provide an introduction to the fundamental concepts of managerial accounting appropriate for all organizations.

Learning Outcomes: [from the ACGM catalog]

After studying all materials and resources presented in the course, the student will be able to:

1. Identify the role and scope of financial and managerial accounting and the use of accounting information in the decision making process of managers.
2. Define operation and capital budgeting, and explain its role in planning, control and decision making.
3. Prepare an operating budget, identify its major components, and explain the interrelationships among its various components.
4. Explain methods of performance evaluation.
5. Use appropriate financial information to make operational decisions.
6. Demonstrate use of accounting data in the areas of product costing, cost behavior, cost control, and operational and capital budgeting for management decisions.

Course Content:

A general description of lecture/discussion topics included in this course are listed in the Learning Objectives section of this syllabus.

Students in all sections of this course will learn the following content:

1. Basic financial statement analytical methods
2. Financial statement analysis to assess the solvency of a business
3. Financial statement analysis to assess the profitability of a business
4. Contents of corporate annual reports
5. Description of managerial accounting and the role of managerial accounting in a business
6. Direct and indirect costs; direct materials, direct labor, and factory overhead costs; product and period costs
7. Balance sheet, Statement of goods manufactured, and income statement for a manufacturer
8. Cost accounting systems used by manufacturing businesses
9. Illustration of a job order cost accounting system for a manufacturer

10. Comparison of job order and process cost systems for a manufacturer
11. Cost of production report
12. Journal entries for a manufacturer using a process cost system
13. Distinguish between variable costs, fixed costs, and mixed costs
14. Calculation of contribution margin, contribution margin ratio, and unit contribution margin
15. Determine the break-even point and sales necessary to achieve a target profit
16. Using a cost-volume-profit chart and a profit-volume-chart, determine the break-even point and sales necessary to achieve a target profit
17. Calculation of the break-even point for a company selling more than one product
18. Calculation of operating leverage and margin of safety
19. Describe and illustrate income from operations under absorption and variable costing
20. Describe and illustrate the effects of absorption and variable costing on analyzing income from operations
21. The objectives of budgeting and its impact on human behavior
22. The basic elements of the budget process and the two major types of budgeting
23. Components of the master budget for a manufacturing company
24. Preparation of the basic income statement budgets for a manufacturing company
25. Preparation of the balance sheet budgets for a manufacturing company
26. The types of standards and how they are established
27. Computation and interpretation of direct materials and direct labor variances
28. Computation and interpretation of factory overhead controllable and volume variances
29. Journal entries for recording standards in the accounts
30. Advantages and disadvantages of decentralized operations
31. Preparation of a responsibility accounting report for a cost center and profit center
32. Calculation and interpretation of the rate of return on investment and residual income for an investment center
33. Description and illustration of how the market price, negotiated price, and cost price approaches to transfer pricing may be used by decentralized segments of a business
34. Preparation of differential analysis reports for a variety of managerial decisions
35. Determination of the selling price of a product using the product cost concept
36. The nature and importance of capital investment analysis
37. Evaluation of capital investment proposals using the average rate of return, cash payback, net present value, and internal rate of return methods
38. Description of factors that complicate capital investment analysis
39. Steps in the capital rationing process
40. Use of the single plant wide factory overhead rate, multiple production department factory overhead rates, and activity-based costing for product costing
41. Description of just-in-time manufacturing practices
42. Implications of just-in-time manufacturing on cost accounting and performance measurement

Methods of Instruction/Course Format/Delivery:

For the traditional face to face classroom course, teaching approaches are expected to vary with individual instructors who should employ those techniques which work best for them and their students. Although lecture and reading assignments are the primary delivery systems, other instructional techniques may include classroom discussion, audio-visual presentations, speakers, critical thinking exercises, and group activities.

Students are also able to complete the course online. Our online course delivery system is Canvas. An online course in ACCT 2402 at Panola College is designed for students who are capable of the self-discipline necessary in a non-structured situation to complete a four-hour course in one semester. Course

content in the online version of ACCT 2402 is the same as those used in the face to face version of the class.

Major Assignments / Assessments:

The following items will be assigned and assessed during the semester and used to calculate the student's final grade.

Assignments

Assignments will consist of chapter problems to be completed in the online application, Cengage Now v2. Students will be required to purchase an access code to complete these assignments. Assignments may also include class room discussions, audio-visual presentations, speakers, critical thinking exercise and group activities.

Assessment(s):

There will be four assessments during the year. These will be taken using the Cengage Nowv2 application that is used for the chapter assignments. Online students will need to take their tests at an approved testing center.

- Test 1- Chapters 15-17
- Test 2- Chapters 18-21
- Test 3- Chapters 22-24
- Test 4- Chapters 25-26

Course Grade:

The grading scale for this course is as follows:

- Assignments – 30%
- Assessments – 60%
- Participation/Discussion – 10%

90 and above	A
80 – 89	B
70 – 79	C
60 – 69	D
Under 60	F

Texts, Materials, and Supplies:

- Textbook & Access Card: Financial & Managerial Accounting, Carl S. Warren, James M. Reeve, and Jonathan Duchac, 13th Edition, 2016, South-Western Cengage Learning, ISBN 9781305516717. This bundle includes access to Cengage Nowv2 which is required for the course.*Note- students who took Acct 2401 in the previous (fall '16) semester at Panola College will not need to purchase another textbook bundle.

Required Readings:

- Students should read the chapters in the text book related to material covered (Chapters 15-26) as well as supplemental notes posted in Canvas.

Recommended Readings:

- None

Other:

- For current texts and materials, use the following link to access bookstore listings: <http://www.panolacollegestore.com>
- For testing services, use the following link: <http://www.panola.edu/elearning/testing.html>
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Administration Building or go to <http://www.panola.edu/student-success/disability-support-services/> for more information.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, *The Pathfinder*: <http://www.panola.edu/student-success/documents/pathfinder.pdf>