

Dixie State College

Accounting 4010
SYLLABUS

Course Number: Accounting 4010 (AVIA-4010-90-Aviation Accounting)
Course Title: Aviation Accounting
Class Dates: August 4, 11, 18 and 25
20 hours class contact
25 hours out of class time
Minimum 45 hours

Instructor: Laurence C. (Pat) Greene

Contact: Instructor uses Blackboard Vista to post messages, homework, announcements, e-mails, lecture notes, etc.

Email Address: Blackboard Messaging (preferred) or lcgreene2@aol.com

Phone Numbers: Cell: 561-307-1952, Personal: 435-272-4821

Availability: After class or by appointment

Class Location: Udvar-Hazy School of Business
Day/Time Held: Wednesday 3:00pm - 8:00pm (1500 – 2000)

Course Text: Introduction to Management Accounting
Fifteenth Edition
Horngren|Sundem|Stratton|Burgstahler|Schatzberg
ISBN 13:978-0-13-610277-9

Prerequisites: ACCT 3000

Course Description: This course will focus on those accounting and financial principles that are used in business including the aviation industry. Topics covered will include asset management, revenue management, debt financing, financial reporting requirements, regulatory accounting issues, aircraft maintenance management, and unique departmental accounting issues.

Course Goals: This course is designed to give the student an understanding of managerial accounting with an emphasis on decision making by applying what the student learns in a decision contest and to learn the relevance of managerial accounting concepts and how they apply to the real world.

Course Learning Outcomes:

1. Differentiate between management accounting and financial accounting. Know the current focus of management accounting and be able to explain the importance of ethical behavior for managers and management accountants. Know the certifications available to managerial accountants.
2. Explain how cost drivers affect cost behavior. Show how changes in cost-driver levels affect variable and fixed costs. Calculate break-even sales volume in total dollars and total units. Calculate sales volume in total dollars and total units to reach a target profit. Differentiate between contribution margin and gross margin. Explain the effects of sales mix on profits.
3. Explain step- and mixed-cost behavior. Explain management influences on cost behavior. Describe the importance of activity analysis for measuring cost functions. Measure and mathematically express cost functions and use them to predict costs. Measure cost behavior using the engineering analysis, account analysis, high-low, visual-fit, and least-squares methods.
4. Describe the purposes of cost management systems. Explain the relationship among cost, cost objective, cost accumulation, and cost assignment. Distinguish between direct and indirect costs. Explain the major reasons for allocating costs. Identify the main types of manufacturing costs: direct materials, direct labor, and indirect production costs. Understand the main differences between traditional and activity-based-costing (ABC) systems and why ABC systems provide value to managers. Use activity-based-management (ABM) to make strategic and operational control decisions. Describe the steps in designing an activity-based costing system.
5. Discriminate between relevant and irrelevant information for making decisions. Apply the decision process to make business decisions. Construct absorption and contribution-margin income statements and identify their relevance for decision making. Decide to accept or reject a special order using the contribution-margin technique. Explain why pricing decisions depend on the characteristics of the market. Compute a sales price by various approaches, and compare the advantages and disadvantages of these approaches. Use target costing to decide whether to add a new product.
6. Use a differential analysis to examine income effects across alternatives and show that an opportunity-cost analysis yields identical results. Decide whether to make or to buy certain parts or products. Compute the optimal product mix when production is constrained by scarce resource. Decide whether to process a joint product beyond the split-off point. Identify irrelevant and misspecified costs. Discuss how performance measures can affect decision making
7. Explain how budgets facilitate planning and coordination. Anticipate potential human relations problems caused by budgets. Explain potentially dysfunctional incentives in the budget process. Explain the difficulties of sales forecasting. Explain the major features and advantages of a master budget. Follow the principle steps in preparing a

master budget. Prepare the operating budget and the supporting schedules. Prepare the financial budget.

8. Distinguish between flexible budgets and static budgets. Use flexible-budget formulas to construct a flexible budget based on the volume of sales. Prepare an activity-based flexible budget. Explain the performance evaluation relationship between static budgets, flexible budgets, and actual results. Compute activity-level variances and flexible-budget variances. Compute and interpret price and quantity variances for materials and labor. Compute variable overhead spending and efficiency variances. Compute the fixed-overhead spending variance.

9. Describe the relationship of management control systems to organizational goals. Explain the importance of evaluation performance and describe how it impacts motivation, goal congruence, and employee effort. Develop performance measures and use them to monitor the achievements of an organization. Use responsibility accounting to define an organizational subunit as a cost center, a profit center, or an investment center. Prepare segment income statements for evaluating profit and investment centers using the contribution margin and controllable-cost concepts. Measure performance against nonfinancial performance measures such as quality, cycle time, and productivity. Use a balanced scorecard to integrate financial and nonfinancial measures of performance.

10. Describe capital budgeting decisions and use the net-present value (NPV) method to make capital decisions. Evaluate projects using sensitivity analysis. Calculate the NPV difference between two projects using both the total project and differential approaches. Identify relevant cash flows for NPV analysis. Use the payback model and the accounting rate-of-return model and compare them with the NPV model. Reconcile the conflict between using the NPV model for making decisions and using accounting income for evaluating the related performance. Explain the role of the management accountant in the organization.

11. Compute budgeted factory overhead rates and apply factory overhead to production. Determine and use appropriate cost-allocation bases for overhead application to products and services. Identify the meaning and purpose of normalized overhead rates. Construct an income statement using the variable-costing approach. Construct an income statement using the absorption-costing approach. Compute the production-volume variance and show how it should appear in the income statement.

12. Distinguish between job-order costing and process costing. Explain the basic ideas underlying process costing and how they differ from job costing. Compute units in terms of equivalent units. Demonstrate how the presence of beginning inventories affects the computation of unit costs under the weighted-average method. . .

Grading Policy

A	93.0% to 100%
A-	90.0% to 92.9%
B+	87.0% to 89.9%
B	83.0% to 86.9%
B-	80.0% to 82.9%
C+	77.0% to 79.9%
C	73.0% to 76.9%
C-	70.0% to 72.9%
D+	67.0% to 69.9%
D	63.0% to 66.9%
D-	60.0% to 62.9%
F	0% to 59.9%

<u>Grade Evaluation</u>	<u>Percent of Grade</u>
Cases/Exercises	40%
Group Research Projects	20%
Mid-term Examination (Chapters 1-6)	20%
Final Examination (Chapters 7-9, 11, 13-14)	20%

Course Schedule:

August 4, 2010
Chapter 1
Chapter 2
Chapter 3
August 11, 2010
Chapter 4
Chapter 5
Chapter 6
August 18, 2010
Chapter 7
Chapter 8
Chapter 9
August 25, 2010
Chapter 11
Chapter 13
Chapter 14

DSC Policy Links:

- Reference to "Policy for Absences Related to College Functions":
<http://www.dixie.edu/humanres/policy/sec5/523.html>
- Disruptive behavior policy / classroom expectations:
<http://www.dixie.edu/humanres/policy/sec3/324.html>
- Academic dishonesty / Academic integrity policy:
<http://www.dixie.edu/humanres/policy/sec3/334.html>

Resources: Available Resources: Library, Computer Lab, Writing Center, Testing Center, and tutoring

- Library – <http://library.dixie.edu>
- Computer labs – located in basement of the library. The Smith Computer Center and the Hazy Building room 200.
- Writing Center – http://new.dixie.edu/english/dsc_writing_center.phn
- Testing Center – <http://new.dixie.edu/testing>
- Tutoring Center – <http://dsc.dixie.edu/tutoring/>

Disability Statement:

If you are a student with a medical, psychological or a learning difference and requesting reasonable academic accommodations due to this disability, you must provide an official request of accommodation to your professor(s) from the Disability Resource Center within the first two weeks of the beginning of classes. Students are to contact the center on the main campus to follow through with and receive assistance in the documentation process to determine the appropriate accommodations related to their disability.

You may call (435) 652-7516 for an appointment and further information regarding the Americans with Disabilities Act (ADA) of 1990 per Section 504 of the Rehabilitation Act of 1973.

Our office is located in the Student Services Center, Room #201 of the Edith Whitehead Building.

Dmail:

You are required to frequently check your dmail account. Important class and college information will be sent to your dmail account, including DSC bills, financial aid/scholarship notices, notices of cancelled classes, reminders of important dates and deadlines, and other information critical to your success at DSC and in your courses. If you don't know how to access your dmail account, go to www.dixie.edu and select "Dmail" from the left column. To locate your dmail username and password, go to www.dixie.edu and click on "Log in to student services."