

Course Number: ACC 2140

Course Title: Managerial Accounting

Course Description:

Accounting as a decision-making tool with an emphasis on manufacturing enterprises. Decision-making in management is studied along with management reports and financial statement analysis. Specifically included are production costs, breakeven analysis, budgeting, variances, and differential analysis. 3 credits. (3 plus 0)

Prerequisites: ACC 1010 with a C or better.

Credit hours: 3

Learning Outcomes:

Upon the successful completion of this course, students will be able to:

1. Divide costs according to their function as well as their behavior.
2. Calculate material, labor, and overhead costs and explain how these costs flow through the company.
3. Determine unit cost using job-order costing.
4. Use cost-volume-profit analysis to determine the breakeven point and the sales volume necessary to earn a target profit.
5. Prepare each component of a master budget.
6. Calculate and evaluate cost variances for direct materials, direct labor, and overhead.
7. Identify various organizational levels within a company and explain how performance at each level may be evaluated.
8. Prepare differential analysis reports for management.
9. Describe the importance of capital investments and the capital budgeting process.
10. Identify the purposes of and interpret a Statement of Cash Flows.
11. Calculate and use liquidity, activity, leverage and profitability ratios to analyze a company



College of Professional Studies

ACC 2140 Managerial Accounting Online Course Syllabus

Instructor Information

Please see Professor Profile at the Blackboard instructional site.

Course Schedule

Please see Course Schedule in the Course Syllabus area of the Blackboard instructional site.

Online Course Policies

All of the online courses taken by students are required to follow the policies posted online at <http://online.indianatech.edu/tech-policies/policies/>. Please review the posted policies carefully. If you are unable to abide by the policies listed, please contact the Warrior Information Network (WIN) at 888.832.4742 and request to withdraw from this course.

Textbook

Miller-Nobles, T. L., Mattison, B., & Matsumura, E. (2016). *Horngren's accounting* (11th ed.). Boston, MA: Pearson.

Grading Events & Grading Criteria

Unless otherwise specified, all assignments must be submitted via Blackboard.

Title	Event/Points	Total Points
Course Preparation Quiz	1@5	25
Discussion Board Posts	8@15	120
Discussion Board Responses	8@10	80
Homework Problems	10@20	200
Continuing Problem	8@5	40
Chapter Exams	9@100	900
Course Project	1@100	100
TOTAL POINTS		1465

Assignments

Each weeks' assignments will include:

- Reading the assigned chapter
- Watching/Listening to the associated Lecture – PowerPoint Presentation
- Writing an initial discussion board post
- Writing a discussion board response
- Completing a series of Homework Problems
- Completing the Continuing Problem
- And beginning in week 2, taking a Chapter Exam.

The course is designed so that you will cover the chapter material for one week (with a couple of exceptions). The exam covering the respective material is due on the following week by Wednesday, 11:59 pm EST. This extra time between the due date of the chapter assignments and the due date of the chapter exam will allow you to ask the instructor questions, re-read the material, re-work problems, and/or seek the help of a tutor before the chapter exam is due.

There is also a course project in Week 12.

Grading Scale

The following grading scale will be used to assign a grade at the end of the course:

Percentage Achieved	Grade	Percentage Achieved	Grade	Percentage Achieved	Grade
93% - 100%	A	80% - 82%	B-	70% - 72%	C-
90% - 92%	A-	77% - 79%	C+	60% -69%	D
87% -89%	B+	73% - 76%	C	Below 60%	F
83% - 86%	B				

Academic Honesty

As described in the Online Course Policies referenced on Page 1 of this syllabus, all students are required to refrain from any form of dishonesty.

Please note that **academic dishonesty** is also the use of unauthorized assistance, materials, information, or study aids in any academic exercise. If you are uncertain about the extent to which a resource is authorized for use in this course, it is your responsibility to ask the instructor for clarification. "I didn't know" is not an acceptable excuse. *Any attempt to search for the solution of any assignment is expressly prohibited.* This includes searching the internet for the solution or the use of work obtained from other individuals. Note: You are not prohibited from searching for

publicly available general information to assist in your understanding of topics covered in this course.

Consequences

Any form of academic dishonesty will, at a minimum, result in a failing grade (F) for either the assignment or exam, and can result in a failing grade for the course.

Late Assignments

All assignments and required online activities are due according to the deadline listed in the course schedule. Granting deadline extension is the course instructor's autonomy.

Incompletes

If you are unable to complete the requirements for this course due to extenuating circumstances, an Incomplete grade (I) may be granted if you meet the general guidelines stated below.

General Guidelines for submitting a course incomplete request:

- More than 50% of the course session has elapsed.
- The student has encountered an unexpected situation that is beyond his or her control.
- The student is
 - in good academic standing -- up to date on all of the course assignments and has at least an overall passing grade,
 - able to complete all of the remaining coursework within a session (5 weeks for an undergraduate course and 6 weeks for a graduate course) that immediately follows the session the student is currently enrolled, and
 - able to provide support documentations to substantiate the need for extra time should a session is not enough to complete the course requirements.

If an Incomplete is granted, the instructor will set a deadline for all work to be completed. **The deadline cannot go past one (1) session.** All incomplete grades and deadlines are subject to approval by the designated University authority.

Course Related Communication

Online courses are conducted in an accelerated format. Timely communication is very important. When receiving emails from your classmates or instructor, please respond as soon as you can.

Students are REQUIRED to use their Indiana Tech email account for all course related communication. The most direct, and effective, way to email your course instructor, and classmates, is by using the Send Email function from the Blackboard course site. When

you use the Send Email function, you automatically receive a carbon copy of the email you sent. In the event when you need to substantiate your claim that you did email your classmates or instructor, you can show that carbon copy to the person(s) who requested it.

Please note that Blackboard only permits you to send email, it does not provide you with the check email function. All the emails your classmates and instructor sent to you will be delivered to your Indiana Tech email account. You are strongly encouraged to check your Indiana Tech email account regularly, preferably several times a week, to minimize the likelihood of miscommunication.

The University policy requires each online course instructor to respond to a student's email within 24 hours. Unless there is an extraneous situation that prevents the instructor from following this rule, you can expect to hear from the instructor within 24 hours. If you don't receive a reply within 24 hours, please do not hesitate to follow up with another email or forward the carbon copy of the email you sent to OnlineSupport@IndianaTech.edu with a note "Please help. It's been 24 hours and I have not heard from my instructor" and the University support staff will act on your behalf to contact your course instructor.

Learning Objective-Driven Content

Each module has a major goal for that module to help frame course learning; these major goals build from the learning objectives for the course reported in the university's course catalog. Each chapter listed in each module is designed to satisfy the established major goal listed for that module.

#	Objective	Chapters	Critical Topic Areas
1	Divide costs according to their function as well as their behavior.	18, 19, 21	Costs Based on Function <ul style="list-style-type: none"> • Product Cost • Period Cost Costs Based on Behavior <ul style="list-style-type: none"> • Fixed Cost • Variable Cost • Mixed Cost
2	Calculate material, labor, and overhead costs and explain how these costs flow through the company.	19	Three Inventory Accounts <ul style="list-style-type: none"> • Materials Inventory • Work-in-Process Inventory • Finished Goods Inventory Cost of Goods Manufactured Cost of Goods Sold
3	Determine unit cost using job-order costing.	19	Three Manufacturing Costs <ul style="list-style-type: none"> • Direct Materials • Direct Labor • Manufacturing Overhead Predetermined Overhead Rate Unit Cost
4	Use cost-volume-profit analysis to determine the breakeven point and the sales volume necessary to earn a target profit.	21	Contribution Margin Contribution Margin Ratio Target Profit -- in units & dollars Breakeven Point -- in units & dollars Margin of Safety Margin of Safety Ratio Sales Mix Considerations
5	Prepare each component of a master budget.	22	Sales Budget Production Budget Direct Materials Budget Direct Labor Budget Manufacturing Overhead Budget Selling & Administrative Expense Budget
6	Calculate and evaluate cost variances for direct materials, direct labor, and overhead.	23	Direct Materials Variances <ul style="list-style-type: none"> • Cost Variance • Efficiency Variance • Total Direct Materials Variance Direct Labor Variances <ul style="list-style-type: none"> • Cost Variance • Efficiency Variance

			<ul style="list-style-type: none"> • Total Direct Labor Variance Overhead Variances • Variable Overhead • Fixed Variance
7	Identify various organizational levels within a company and explain how performance at each level may be evaluated.	24	Cost Center <ul style="list-style-type: none"> • Performance vs Responsibility Reports Profit Center <ul style="list-style-type: none"> • Allocation of Service Dept. Costs Investment Center <ul style="list-style-type: none"> • ROI, Profit Margin & Asset Turnover Ratio • Residual Income
8	Prepare differential analysis reports for management	25	Price Taker vs Price Setter Continue or Discontinue Product? Process Further?
9	Describe the importance of capital investments and the capital budgeting process.	26	Capital Budgeting Process Capital Investment Analysis Methods <ul style="list-style-type: none"> • Payback • Accounting Rate of Return • Net Present Value • Internal Rate of Return Time Value of Money
10	Prepare and interpret a Statement of Cash Flows.	16	Statement of Cash Flows <ul style="list-style-type: none"> • Operating Activities • Financing Activities • Investing Activities
11	Calculate and use liquidity, activity, leverage and profitability ratios to analyze a company's financial position.	17	Liquidity Ratios Activity Ratios Leverage Ratios Profitability Ratios