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# JINAN UNIVERSITY

## Managerial Accounting

**Lecturer:** Baizhou Chen

**Time:** Monday through Friday (June 18, 2018-July 20, 2018)

**Office hours:** 2 hours (according to the teaching schedule)

**Contact Hours:** 60 (50 minutes each)

**Credits:** 4

**Location:** Huiquan Building

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### Aims and Objectives

This module extends the knowledge of accounting by introducing the tools commonly used in managerial accounting and demonstrating their application in a management decision making context. The main aim of the unit is to enable students to understand how relevant accounting information can be harnessed to assist management decisions. This will involve students identifying relevant factors, performing complex analyses and providing comprehensive advice to management for decision purposes.

1. To develop the Management Accounting skills acquired at Level 1 Business Core Integrated Program (BSS00-1) to a higher level by the introduction of new techniques and scenarios.
2. To develop the skills necessary to collect, analyze, prepare and present information necessary for planning, decision making and control in an organization.
3. To introduce the techniques necessary for analysis of data and to enable the selection of appropriate techniques for particular problems.
4. To enable the appreciation of the strengths and weaknesses of particular techniques.

### Module Learning Outcome

- Utilize the cost of a cost object for a range of purposes using data from different cost and management accounting systems.
- Identify the problems associated with material cost attribution and apply material cost data for the purposes of stock valuation.
- Identify data appropriate for labor cost attribution and calculate the labor cost of a product or service.
- From given data collect, allocated, apportion and absorb the cost of overheads for a unit of activity.
- Analyze the uses of calculated costs of the above cost elements.
- Compare and contrast the results of absorption and marginal costing systems, for products and processes. Analyze relevant data to enable short term business decisions to be made and evaluate and recommend strategies to deal with the sensitivity of the Data.
- Collect together and analyses the differences between fixed and variable costs.
- Use an interpretation of fixed and variable cost to assess a product or service break even point.
- Recommend strategies to improve profitability using fixed and variable cost data.
- Recognize the sensitivity to change of the various elements of a financial model.
- Assess relevant and opportunity costs
- Assess the impact of capacity constraints.
- Select, apply and interpret a range of optimization techniques in order assist efficiency decisions in organizations. Design and utilize budgets which enable control by feedback, recognizing the behavioral implications of control.
- Prepare profit budgets from given data.
- Use budget information to make planning decisions.
- Evaluate the contribution to good management of the budgeting process.
- Analyze the effect on behavior of the budgeting process.

- Evaluate alternatives to the budgeting process. Analyze and interpret variance analysis data for the control of organizations.
- Compute and interpret variances for materials, layout and over head costs.
- Analyze the effect of profitability of a range of variances.
- Evaluate the inter-relationship of variances.
- Compute and assess the role of planning and operational variances.
- Establish an Activity Based Costing system which enables cause and effect allocations.
- Assess the role of ABC in resource allocation.
- Apply ABC techniques to resource allocation problems and cases.
- Interpret ABC information to enable efficiency improvements to organizations.
- Measure company performance using financial and non-financial indicators.
- Apply and interpret financial indicators to divisionalized organizations.
- Assess the ethical challenges implicit in financial indicators.
- Develop, apply and interpret a Balanced Scorecard for an organization.

### **Teaching and Learning**

Lectures and case-based tutorial sessions will form the basis of the module delivery. Lectures will be used to present key material and to provide opportunities for students to explore and discuss the concepts. The tutorial sessions will facilitate students' understanding of how techniques are used in practice as well as incorporating the use of case study material. Students are required to attend all lectures and tutorials. Students are expected to read the assigned reading materials (or chapters) prior to the lecture and complete their assignments before the tutorials. In the tutorials, discussions will be based on the topics related to the materials in the preceding lectures and will be in the form of problem discussions.

### Required Textbook

*Managerial Accounting*, Garrison, Noreen, Brewer, 16th Edition

ISBN: 9781259307416



Published by McGraw-Hill

### Course Hours

The course has 25 sessions in total. Each class session is 120 minutes in length. The course meets from Monday to Friday.

### Other Requirements

Calculator - only approved calculators can be used. Please check with the university for the appropriate types of calculators that can be used for this course. Electronics dictionary is not allowed during the test and examination. Only paper dictionary can be used if required.

### Assessment

Your final grade is based on the following components:

In-class participation (attendance, etc)	5%
Homework Assignments	20%
Tutorial sessions	10%
Mid-term test	25%
Final examination	40%
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Total	100%

## Grading Scale

The instructor will use the grading system as applied by JNU:

Definition	Letter Grade	Score
Excellent	A	90-100
Good	B	80-89
Satisfactory	C	70-79
Poor	D	60-69
Failed	E	Below 60

ALL in-class quizzes, assignments, mid-term test, and final examination are INDIVIDUAL effort, meaning that you should work on your own material and any unscholarly actions prohibited by the university must be avoided. The mid-term test and final examination might consist of true or false, multiple choice, calculation, and / or short answer questions. The exact date, time, and place of the mid-term test and final examination will be announced during the term. In order to pass this course, both the course work and examination marks must be at least 60% each, and the overall module mark must be at least 60%.

## Class Schedule

### Week 1

Managerial Accounting Overview (Ch 1)

Managerial Accounting and Cost Concepts (Ch2).

Job-Order Costing (Ch3)

Process Costing (Ch4)

Case Study for Chapter 4 Weighted Average Method

### Week 2

Cost-Volume-Profit Relationships (Ch 5).

Variable Costing (Ch6)

Activity-based costing (Ch 7)

Case Study of Break Even for Individual Products in a Multiproduct Company

*Review and Mid-Term Exam (Ch 1-7)*

### **Week 3**

Profit planning (Ch 8).

Flexible budgets and performance analysis (Ch 9).

Standard costs and Variances (Ch 10).

Performance Measurement in Decentralized Organizations (Ch11)

Case Study of Critiquing a Report; Preparing Spending Variances

### **Week 4**

Differential analysis (Ch12)

Capital budgeting decisions (Ch 13).

Statement of Cash Flows (Ch14)

Financial Statement Analysis (Ch15)

Case Study of Working Backwards from Variance Data

### **Week 5**

Review and Final Exam

### **Academic Honesty**

Jinan University defines academic misconduct as any act by a student that misrepresents the students' own academic work or that compromises the academic work of another scholastic misconduct includes (but is not limited to) cheating on assignments or examinations; plagiarizing, i.e. misrepresenting as one's own work any work done by another; submitting the same paper, or substantially similar papers, to meet the requirements of more than one course without the approval and consent of the instructors concerned; sabotaging another's work within these general definitions, however, Instructors determine what constitutes academic misconduct in the courses they teach. Students found guilty of academic misconduct in any portion of the academic work face penalties ranging from lowering of their course grade to awarding a grade of E for the entire course.