



Shanghai Jiao Tong University

AC456 Managerial Accounting (Postgraduate) (Online)

Instructor Information	Wanyi Chen Home Institution: Shanghai University Email: rebeccacwy@shu.edu.cn		
Term	December 17, 2020 - January 8, 2021	Credits	4 units
Course Delivery	The class will be delivered in the format of online. Other than recorded lecture videos, the instructor will arrange 5 hours' real-time interactions with students per week (via discussion forum and zoom meeting). The workload students are expected to complete to properly pass this course is about 12-16 hours per week. Mid-term exam is open-book. The final project is research proposal which need to be submitted online.		
Required Texts (with ISBN)	Brewer/Garrison/Noreen, Introduction to managerial accounting. Eighth edition, McGRAW-HILL EDUCATION INTERNATIONAL EDITION. ISBN 978-1-259-91706-6		
Prerequisite	AC311 Financial Accounting (Recommended)		



Course Overview

An introductory course providing an overview of the managerial use of financial and nonfinancial information for a variety of purposes including managerial decision analysis, external financial reporting, strategic product costing, organizational planning, and performance evaluation. The emphasis is on developing and using information to support value creation by management. The course is divided into three parts:

Part A. Cost Analysis for Decision-Making

This part involves an introduction to basic cost concepts and explores the analysis of financial and nonfinancial information to evaluate the economic impact of decisions to acquire and deploy resources. It involves a framework for analyzing both short-term and long-term decisions that include incremental, sunk and opportunity costs.

Part B. Cost Measurement Systems

The primary focus of this part is to delineate the cost flow architecture used in cost measurement comprised of cost accumulation, cost allocation, and cost application systems. A distinction is made between the measurement principles used in cost accounting for external financial reporting purposes and those used in activity-based systems required for product costing and to support strategic initiatives.

Part C. Master Budget & Control Systems

This part describes how organizations develop and use budgets for planning and expenditure control. A comparison is made between top-down long-term financial planning and bottom-up short-term budgeting. Various approaches to budgeting are introduced including static, flexible, functional, and activity-based budgeting. Students are also exposed to the design and use of managerial performance evaluation systems.

Learning Outcomes

On successful completion of this subject, students should be able to (SLO):

1. Differentiate between the internal and external decision-making processes of an economic entity. (SLO1 ~ PLO1.1)
2. Apply accounting information in external and internal decision contexts of a business. (SLO2 ~ PLO1.1)
3. Demonstrate analytical skills needed to process accounting information; prepare internal and external financial statements and be able to interpret accounting reports. (SLO3 ~ PLO1.1)
4. Recognize ethical issues facing the accounting profession and the ethical framework in which accounting operates. Assess risk and identify internal control procedures necessary to achieve business objectives. (SLO4 ~ PLO4.1)
5. Effectively understand and communicate accounting information in a business context. (SLO5 ~ PLO1.1)

This subject covers the following Program Learning Objectives (PLOs) :

- 1.1 Show an understanding of essential concepts of business and related professions. (PLO 1.1)
- 4.1 Cultivate integrity and ethical understanding within business and related professional environments. (PLO 4.1)



Course Structure

This full online module consists of 16 pre-recorded lectures, each around 45 to 60 minutes (Max. 16 hours). The remaining about 24 hours are decided to online interaction through

1. Chapter key knowledge explanation (14 hours) via zoom meeting
 - Chapter 1 (1 hours)
 - Chapter 2 (1 hours)
 - Chapter 3 (1 hours)
 - Chapter 4 (1 hours)
 - Chapter 5 (1 hours)
 - Chapter 6 (2 hours)
 - Chapter 7 (2 hours)
 - Chapter 8 (2 hours)
 - Chapter 9 (1 hours)
 - Chapter 11 (1 hours)
 - Chapter 13 (1 hours)
2. Practice instructions and questions answering (6 hours) via zoom meeting
 - Tutorial tasks of Chapter 1,2,3 (2 hours)
 - Tutorial tasks of Chapter 4,5,6 (1 hours)
 - Tutorial tasks of Chapter 7,8 (2 hours)
 - Tutorial tasks of Chapter 9,11,13 (1 hours)
3. Research proposal writing guideline (2 hours) via zoom meeting
4. Online Mid-term exam (2 hours)



Grading Policy

Assignment 1&2	20%
Video self-learning and interaction performance	10%
Mid-term exam (online open-book)	30%
Final project (online submit)	40%

Grading Scale is as follows

Number grade	Letter grade	GPA
90-100	A	4.0
85-89	A-	3.7
80-84	B+	3.3
75-79	B	3.0
70-74	B-	2.7
67-69	C+	2.3
65-66	C	2.0
62-64	C-	1.7
60-61	D	1.0
≤59	F (Failure)	0



Class Schedule

Date	Lecture	Readings	Tutorial tasks and skill development	Online schedule
Day 1	Managerial accounting and Cost Concepts	Chapter 1	Problems in Ch1: 18/19/21/22/23/24/25 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 2	Job-Order Costing: Calculating Unit Product Costs	Chapter 2	Problems in Ch2: 16/17/18/19/20/ Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 3	Job-Order Costing: Cost Flows and External Reporting	Chapter 3	Problems in Ch3: 3-14/15/16/17 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 4	Activity-Based Costing	Chapter 4	Problems in Ch4: 16/17/18 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 5	Process costing	Chapter 5	Problems in Ch5 15/16/17/18 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 6	Cost-volume-profit Relationships	Chapter 6	Problems in Ch6 23/25/26/27/28/29/30 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 7	Analyzing Mixed Costs	Chapter 6	6A-7/8/9 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 8	Case study & Tutorial			60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 9	Mid-term exam		CH1/2/3/4/5/6	Online exam (open-book)



Day 10	Variable costing	Chapter 7	Problems in Ch7 21/22/23 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 11	Segment Reporting	Chapter 7	Problems in Ch7 24/25/26 Understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 12	Master Budgeting (1)	Chapter 8	Problems in Ch8 19/23 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 13	Master Budgeting (2)	Chapter 8	Problems in Ch8 24/28/29 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 14	Flexible Budgets, Standard Costs, and Variance Analysis	Chapter 9	Problems in Ch9 18/19/21/22/23/25 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 15	Different Analysis: The Key to Decision Making	Chapter 11	Problems in Ch 11 18/19/22/23/25 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 16	Statement of Cash Flows	Chapter 13	Problems in Ch13 12/13/14 understanding, analysis and application of accounting knowledge	60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 17	Tutorial and final review			60 minutes watching video lectures 75 minutes online interaction via Zoom and Wechat
Day 18	Final project due			Student need submit a research proposal which is related to managerial accounting. More detail information will be disclosed during the class