



# ***Managerial Accounting -Basics of Cost Analysis-***

***Syllabus  
Academic Year 2017/2018***

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## **Course Purpose & Description**

This course introduces cost concepts and terminology, inventory control, capital asset selection, and performance measurement. Cost accounting provides key data to managers for planning and controlling, as well as data on costing products, services, and customers. By focusing on basic concepts, analyses, uses, and procedures, we recognize cost accounting as a managerial tool.

## **Aims of the Course**

### **1) Learning Skills**

- Understanding of cost behaviour and related terminology
- Introduction to significance of “cost” in business decisions
- Definition of some skills for cost management
- Introduction of the concept of Managerial Control aimed at Business Planning

### **2) Applying Knowledge and Understanding**

- Identification of direct and indirect cost
- Identification those costs have to be attributed and allocated
- Calculate the break-even point
- Understand those relevant items in cost computation
- Identification of Capital Budget main features

### **3) Making Judgements**

- Comprehension of business internal reports
- Definition of the profitability of a particular business segment
- Comprehension of both Variable Cost and Full Cost Reporting

### **4) Communication Skills**

- Discussion of cases study and exercises by using the appropriate terminology
- Providing Cost Accounting Reports aimed at inform business management

## **Topics Content**

### **Managerial VS Financial Accounting**

- Concepts of cost & expenses
- Planning & Control Process
- Product Cost and Period Cost
- Examine and solve case studies

### **Fundamentals of Cost Accounting**

- Differentiate between direct and indirect costs.
- Cost attribution and cost allocation
- Identify key components and terminology utilized within cost accounting.
- Examine and solve case studies

## **Topics Content**

### **Cost-Volume-Profit (CVP)**

- Distinguish among fixed, mixed, and variable costs.
- Calculate a break-even point using the elements of cost-volume-profit (CVP).
- Prepare income statements using both variable and absorption costing.
- Examine and solve case studies

### **Cost Allocation**

- Identify cost drivers for manufacturing and service activities.
- Calculate overhead rates using cost drivers.
- Compute allocation of overhead costs to cost pools, end products, and services.
- Examine and solve case studies

## **Topics Content**

### **Capital Budgeting Decisions**

- Capital Budgeting and Planning Investment: basic concepts
- The Net Present Value and the Internal Rate of Return
- Other approaches to capital budgeting decisions
- Examine and solve case studies

### **Supplementary worksheet & Further application**

## **Teaching Method**

The course will be a combination of lectures, problem-solving, case work, and interactive class discussion.

## **Analytical Syllabus**

### **Section I:**

### **Managerial Accounting and Planning & Control**

week	date	topic	link to text book	slides
1	20/02/18	Managerial Accounting vs Financial Accounting	Chapter 1	Section 1
	21/02/18	Planning & Control Process	Chapter 1	Section 1
	22/02/18	Exercise	Chapter 1	Section 1

## Section II:

### Cost Behaviour, Operating Leverage & Profitabilità Analysis

week	date	topic	link to text book	slides
2	28/03/18	Cost Behaviour	Chapter 2	Section 2
	1/03/18	Cost Behaviour & Operating Leverage + exercise	Chapter 2	Section 2
3	07/03/18	Operating Leverage & Profitabilità Analysis + exercise	Chapter 2	Section 2
	08/03/18	Exercise and Case Studies	Chapter 2	Section 2

## Section III:

### Cost, Volume, Profit Analysis – Pricing

week	date	topic	link to text book	slides
4	13/03/18 3h (10 AM – 1 PM)	Cost, Volume, Profit Analysis - Pricing	Chapter 3	Section 3
	14/03/18	Cost, Volume, Profit Analysis – Pricing + exercise	Chapter 3	Section 3
	15/03/18	exercise	Chapter 3	Section 3

## Section IV: Cost Accumulation, Tracing, Allocation

week	date	topic	link to text book	slides
5	20/03/18 3h (10 AM – 1 PM)	Allocating Service Center / Dept Cost	Chapter 4	Section 4
	21/03/18	Allocating Service Center / Dept Cost + exercise	Chapter 4	Section 4
	22/03/18 (11 AM – 1 PM)	exercise	Chapter 4	Section 4
	22/03/18 (2 PM – 1 PM)	exercise	Chapter 3 / 4	Section 3 / 4

## Section V: Capital Investment Decision & Net Present Value

week	date	topic	link to text book	slides
6	27/03/18	Capital Investment Decision	Chapter 5 / 6	Section 5
	28/03/18	How calculate Present Values	Chapter 5 / 6	Section 5
	29/03/18	exercise	Chapter 4 / 5	Section 4 / 5

## **Main References**

### **Book:**

V.A. (2016), Managerial Accounting - Basics of Cost Analysis;  
McGraw-Hill Education - CREATE  
ISBN: 9781308978611

### **Class materials:**

Slides and research material provided by the lecturer that can be downloaded from the course web page

## **Criteria for student evaluation**

The final exam consists in two compulsory parts that usually are held on the same day:

- 1) a **written exam** covering the entire course materials; it concerns with both theoretical questions and practical application. Minimum qualifying grade required to get credit: 18/30.
- 2) an **oral exam**.

## **Criteria for student evaluation**

**Written exam** - Students are asked to solve case study, exercise and answer open questions, multiple choice quizzes, true/false quizzes.

**Oral exam** - Students are asked to discuss their own written exam; then they are asked to answer to the case study questions and to focus on specific theoretical issues.

### **PRE-EXAM**

Pre-Exam could be scheduled for one of the following alternatives:

- the 30<sup>th</sup> March 2018, 9 AM
- the 4<sup>th</sup> April 2018, 9 AM

## **Course Schedule**

Tue. – Wed. – Thu. : 11 AM – 1 PM

## **Office Hours**

Doc. Gabriele Palozzi: Monday 2 PM – 4 PM

Building B, 3<sup>rd</sup> floor, Room 3C2

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