

Academic Year: ( 2020 / 2021 )

Review date: 15-05-2020

Department assigned to the subject:

Coordinating teacher: NUÑEZ NICKEL, MANUEL

Type: Compulsory ECTS Credits : 3.0

Year : 1 Semester : 1

**REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)**

Financial accounting at undergraduate level  
 Management accounting at undergraduate level

**OBJECTIVES**

Basic competences

CB7 Students know how to apply their acquired knowledge and problem-solving skills in new or unfamiliar settings within broader (or multidisciplinary) contexts related to their field of study.  
 CB8 Students are able to integrate knowledge and to face the complexity of making judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.  
 CB9 Students know how to communicate their conclusions and the knowledge and ultimate reasons behind them to specialised and non-specialised audiences in a clear and unambiguous way.

General competences

CG1 Ability to maintain continuous education after his/her graduation, enabling him/her to cope with new technologies.  
 CG2 Ability to apply the knowledge of skills and research methods related to engineering.  
 CG3 Ability to apply the knowledge of research skills and methods related to Life Sciences.  
 CG5 Ability to perform a critical analysis and an evaluation and synthesis of new and complex ideas.  
 CG6 Ability to communicate with the academic and scientific community and with society in general about their fields of knowledge in the modes and languages commonly used in their international scientific community.  
 CG7 Ability to diagnose potentially complex real problems by integrating and applying knowledge of different subjects  
 CG8 Acquire the ability to direct the search and learning of any new situation autonomously.  
 CG9 Ability to work in changing areas and anticipate new situations.

Specific competences

CE3 Ability to know the methods, systems, and cost calculation models, integral scorecard (balance scorecard) budget programming, management control, accounting and financial planning, and decision-making processes.  
 CE4 Ability to perform the analysis of business operations (for example analysis for decision making, and measurement of the result).  
 CE9 Ability to apply advanced techniques to determine the value of a company based on its accounting information, systematic risk and atypical projects, as well as to perform a correct and detailed financial planning in different and uncertain scenarios.  
 CE13 Ability to identify the different strategic options available to a company, both at a competitive level and at a corporate level.

**DESCRIPTION OF CONTENTS: PROGRAMME**

SUBJECT: Management Accounting I

- A. Role of management accounting in modern organizations
- B. Advanced cost accounting techniques, marginal costing, and relevant costing
- C. Budgeting
- D. Advanced analysis of standard costing and cost variances
- E. Control systems: different types and practical use

## LEARNING ACTIVITIES AND METHODOLOGY

Learning activities comprise classical lectures where the theoretical concepts will be provided. In addition, practical examples and exercises related to theoretical concepts will be discussed in class, with active student participation.

After the theoretical concepts are provided, students will be assigned three homework during the course (either exercises or case studies):

They will work in small groups using Word and Excel. Students' answers will be submitted electronically through Aula Global and must be submitted by 1 pm on the due date. The homework will be discussed in class afterwards.

There will be two 15-minute mini quizzes during the course. The solutions will be discussed by the lecturer right after the quiz in class. In this way, the lecturer would know whether students understand the concepts and the students can learn their mistakes.

## ASSESSMENT SYSTEM

60% Final Exam, a minimum score of 4 will be required.

10% In-Class Quizzes. There are 2 in-class quizzes during the course, which will be given at the beginning of the class (late arrivals will not be accommodated, thus please try to be punctual). Each quiz take about 15 minutes. The material covered in each quiz is the one of the preceding session. Quiz scores will be posted in Aula Global before the final exam.

30% Homework. There are 3 homework assignments. The homework assignments will be finished in a group of two or three students. Students' answers will be submitted electronically through Aula Global. Scores of the homework will be posted in Aula Global before the final exam.

<b>% end-of-term-examination:</b>	60
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	40

## BASIC BIBLIOGRAPHY

- Blocher, Stout, Juras, and Cokins Cost Management: A Strategic Emphasis, McGraw-Hill Education, 2015
- Horngren, Datar and Foster Costing Accounting: A managerial emphasis, Prentice Hall, 2012
- Merchant and Van der Stede Management Control Systems: Performance Measurement, Evaluation and Incentives, Pearson Education Limited, 2017