

## 1. BASIC INFORMATION

<b>Course</b>	Cost Accounting
<b>Degree program</b>	Degree in Business Administration and Management
<b>School</b>	Social and Communication Sciences
<b>Year</b>	Third
<b>ECTS</b>	6 ECTS
<b>Credit type</b>	Obligatory
<b>Language(s)</b>	Spanish/English
<b>Delivery mode</b>	Campus based/online
<b>Semester</b>	First
<b>Academic year</b>	2024/2025
<b>Coordinating professor</b>	Dr. Daniel Arnaiz Boluda

## 2. PRESENTATION

The subject Cost Accounting, will provide the knowledge to develop the necessary skills so that students can carry out the process of calculation and training of the costs of a company through the application of the different systems and cost models, to, from there, adopt the most appropriate decisions at all times that give rise to a business management as efficient and effective as possible.

The knowledge acquired in the subject Cost Accounting, are essential for the student to achieve the objective of the degree consisting of being able to interpret and value all the accounting documents of a company, both at the level of financial accounting and cost accounting, for business management.

## 3. LEARNING OUTCOMES

### Knowledge:

CON1. Define the main concepts about the company, the entrepreneur, and its environment, as well as the main functional areas and problems of the company as an organization in a market economy.

CON6. Distinguish the available tools in Production management including planning, sales forecasting, inventory management and quality control of the production process.

- Understand concepts related to calculation for the analysis of costs, margins and business results.

### Skills:

ROOM2. Solve problems and practical cases using mathematical techniques, tools and data analysis for the resolution of economic problems as well as the use of basic methods of calculation, algebra and

programming that allow a better understanding of the operational functioning of the company and its environment.

HAB8. Solve accounting problems and understand the valuation criteria of the patrimonial elements, as well as analyze and interpret the rules of registration and valuation of the Spanish General Accounting Plan and the International Financial Reporting Standards.

- Design a production cost calculation process.

#### **Competences:**

COMP09. Integrate the different budgets of the company and relate it to the technical and economic standard costs and analysis of deviations, interpreting the information provided by the financial statements of a company.

## **4. CONTENT**

The subject is organized into six learning units, which, in turn, are divided into different topics:

1. Study of cost classification and inventory management.
2. Analysis of inventory management.
3. Calculation of the cost of production sold.
4. Study of products in progress and semi-finished.
5. Different methods of calculating costs.
6. Analysis and interpretation of results.

## **5. TEACHING-LEARNING METHODOLOGIES**

The following are the types of teaching-learning methodologies that will be applied:

#### **PRE-ESSENTIAL MODALITY**

1. Cooperative learning (Campus based modality)
2. Problem-Based Learning (PBL) (Campus based modality)
3. Master classes (Campus based modality)

#### **ONLINE MODALITY**

1. Case Method (Online Modality)
2. Cooperative learning (Online modality)
3. Problem-Based Learning (PBL) (Online modality)
4. Project-Based Learning (Online modality)
5. Master classes through online seminar (Online modality)
6. Field experiences (through the visualization of videos, virtual access to records) (Online modality).
7. Simulation environments.

## 6. LEARNING ACTIVITIES

Listed below are the types of learning activities and the number of hours the student will spend on each one:

### Campus-based mode:

Learning activity	Number of hours
Master lessons.	40
Autonomous work of the student.	40
Participatory group activities.	25
Case analysis and problema solving.	25
Knowledge tests.	10
Tutorials.	10
<b>TOTAL</b>	<b>150</b>

### Online mode:

Learning activity	Number of hours
Webinar.	5
Reading topics and consulting complementary resources.	22,50
Individual application activities: problems, cases, projects, etc.	35
Collaborative application activities.	12,50
Tutorials.	17,50
Self-assessment questionnaires and knowledge tests.	7,50
Autonomous study.	50
<b>TOTAL</b>	<b>150</b>

## 7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

**Campus-based mode:**

Assessment system	Weight
Activity 1: Knows how to value stocks and use FIFO and CMP valuation criteria when calculating stock consumption.	10
Activity 2: Knows how to calculate the cost of production for the year, finished products and production sold.	10
Activity 3: Knows how to work with units in progress and several phases of production.	10
Activity 4: Knows how to prepare the analytical profit and loss account understanding its meaning and knows how to analyze it for decision making.	20
Activity 5: Integrates all the knowledge acquired during the course.	50

**Online mode:**

Assessment system	Weight
Understands the concept and evolution of cost accounting, its classification and relativity, as well as the organizational structure.	6
Knows how to draw up the table for the reclassification of indirect loads.	6
Knows how to prepare the functional operating account of the company.	6
He knows how to work with two phases of production and ongoing products.	6
Calculation of costs, results and decision making of the company.	6
Knows how to prepare the classification of the profit and loss account and understand the meaning of gross, commercial and net margin.	20
Integrates all the knowledge acquired during the course.	50

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

**7.1. First exam period**

To pass the course in the first exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

In any case, you will need to obtain a grade of at 5.0 in the final exam in order for it to count towards the final grade along with all the grades corresponding to the other activities.

**7.2. Second exam period**

To pass the course in the second exam period, you must obtain a final grade of at least 5 out of 10 (weighted average).

In any case, you will need to obtain a grade of at 5.0 in the final exam in order for it to count towards the final grade along with all the grades corresponding to the other activities.

The student must deliver the activities not successfully completed in the first exam period after having received the corresponding corrections from the professor, or those that were not delivered in the first place.

## 8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
<p>Once the basic concepts of financial accounting have been reviewed, the Concepts of costs that allow students to understand the exercises that will be raised throughout the subject. For example, a distinction will be made between expense, cost and investment. The different classifications of costs will be studied by means of examples, as well as the following concepts: object and subject of cost; technical and economic magnitude, etc. The valuation criteria of the warehouses will also be studied. The objectives are that the student:</p> <ul style="list-style-type: none"> <li>•Distinguish between: fixed and variable cost, direct and indirect cost, and actual and budgeted cost.</li> <li>•Know the different costs by functions: production, marketing and administration costs.</li> <li>•Understand that a cost can be direct or indirect depending on the cost object in question.</li> <li>•Understand the concepts of technical and economic magnitude of cost.</li> <li>• Know how to value stocks.</li> </ul> <p>Individual: Identification and classification of costs and valuation of stocks</p>	1-4
<p>In this topic we will work with the scheme that allows the calculation of the cost of the production of the exercise. The objectives are that the student knows and understands the following calculations and concepts:</p> <ul style="list-style-type: none"> <li>•Stock consumption</li> <li>•Direct labor (MOD)</li> <li>•Indirect manufacturing costs</li> <li>•Cost of production for the year</li> <li>•Cost of finished production</li> </ul> <p>Individual: Inventory management and indirect cost reclassification and cost calculation production.</p>	5-7
<p>Cost of production for the period, cost of finished production and cost of production sold. Also in topic 4 will work with the treatment and valuation of current production using the concept of equivalent production. The objectives are to work with:</p> <ul style="list-style-type: none"> <li>•Indirect cost reclassification table</li> <li>•Input cost of raw material</li> </ul>	8-10

<ul style="list-style-type: none"> <li>•Raw material warehouse sheet</li> <li>•Calculation of current production</li> <li>•Finished production costing sheet</li> <li>•Warehouse sheets for finished products</li> <li>•Functional classification of the generation of income account</li> </ul>	
<p>In these topics we will work with two phases of production introducing the concept of semi-finished product. We will also work with the treatment of lost units, introducing the concepts of pure unit cost, rectified unit cost and additional cost per lost unit. The objective is to review and work with the following concepts:</p> <ul style="list-style-type: none"> <li>•Indirect cost reclassification table</li> <li>•Input cost of raw material</li> <li>•Raw material warehouse sheet</li> <li>•Cost of ongoing production</li> <li>•Additional cost of lost units</li> <li>•Finished production costing sheet</li> <li>•Warehouse sheets for finished products</li> <li>•Functional classification of the Individual operating account.</li> </ul> <p>Semi-finished production and lost units</p>	11-13
<p>All the concepts worked on in the subject will be reviewed and all the Information necessary to learn to analyze and apply it in business management. Individual. Integrative cases of the subject</p>	14-15
<p>Group work Final examination</p>	16-18

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

## 9. BIBLIOGRAFÍA

The reference work for the follow-up of the subject is:

- Fullana, C., and Paredes, J. L. (2008): Manual de contabilidad de costes. Madrid. Delta Publications.
- Horngren, C., Datar, S. and Foster G. (2012): Cost Accounting—A Management Approach, Fourteenth Edition. Pearson Publishing.
- Mallo, C., and Rocafort, A (2015): Management accounting for decision making: Management and cost accounting. Profit Editorial.
- Mallo, C., and Jiménez, M.A. (2014): Cost accounting. Pyramid Editions.
- Martín, F., and Ros, J. (2015): Cost Accounting. Editorial Centro de Estudios Financieros. Royal decree 1514/2007, of 16 November, BOE 20-11-2007, by which approves the General Plan of Accounting.

## 10. EDUCATIONAL GUIDANCE AND DIVERSITY UNIT

From the Educational Guidance and Diversity Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.

From this unit we offer to our students:

1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:

[orientacioneducativa@universidadeuropea.es](mailto:orientacioneducativa@universidadeuropea.es)

## **11. ONLINE SURVEYS**

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.