



Universitat de Lleida

# DEGREE CURRICULUM **COST ACCOUNTING**

Coordination: TENA TARRUELLA, ANNA

Academic year 2019-20

## Subject's general information

<b>Subject name</b>	COST ACCOUNTING			
<b>Code</b>	101316			
<b>Semester</b>	1st Q(SEMESTER) CONTINUED EVALUATION			
<b>Typology</b>	<b>Degree</b>	<b>Course</b>	<b>Character</b>	<b>Modality</b>
	Double bachelor's degree: Degree in Business Administration and Management and Degree in Tourism (ADETUR)	3	COMPULSORY	Attendance-based
	Bachelor's Degree in Business Administration and Management	2	COMPULSORY	Attendance-based
	Double bachelor's degree: Degree in Computer Engineering and Degree in Business Administration and Management	3	COMPULSORY	Attendance-based
	Double bachelor's degree: Degree in Law and Degree in Business Administration and Management	2	COMPULSORY	Attendance-based
<b>Course number of credits (ECTS)</b>	6			
<b>Type of activity, credits, and groups</b>	<b>Activity type</b>	PRAULA		TEORIA
	<b>Number of credits</b>	2.4		3.6
	<b>Number of groups</b>	3		3
<b>Coordination</b>	TENA TARRUELLA, ANNA			
<b>Department</b>	BUSINESS ADMINISTRATION			
<b>Teaching load distribution between lectures and independent student work</b>	40% presencial y 60% trabajo autònomo			
<b>Language</b>	Catalan			

**Distribution of credits**

Anna Tena Tarruella 9,4  
Carles Morata 2,6  
Neus Mesalles 6

## Teaching staff

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
MESALLES RUESTES, NEUS	nmesalles@aegern.udl.cat	6	
PLANA FARRAN, MANUEL	mplana@aegern.udl.cat	4,5	
TENA TARRUELLA, ANNA	tenat@aegern.udl.cat	7,5	

## Subject's extra information

This is a subject where one topic links to another, so it is strongly recommended not to have on to a new topic without having understood and worked through the previous one.

This subject is important in the sense that, once they have completed their degrees, students need to have basic knowledge of cost accounting in order to work for businesses applying this knowledge. It is essential to get the most from this course in order to understand other subjects directly related to it.

## Learning objectives

See competences

## Significant competences

### University of Lleida strategic competences

- Correctness in oral and written language.

### Goals

- To use accounting language properly.
  - To describe basic concepts of cost accounting.
  - To summarise the content of a text or article.
- 
- Master Information and Communication Technologies.
  - Respect of the essential rights of equality between men and women, the promotion of Human Rights and of the values of a peace culture and democracy.
  - Master a foreign language.

### Degree-specific competences

- Apply instrumental techniques to the analysis and solution of business problems and to the taking of decisions.

#### Goals

- To resolve the circumstances following the correct order.
  - To determine the cost of materials.
  - To express the different methods for determining results.
  - To calculate the analytical result corresponding to each method.
  - To describe the cost calculation procedure.
  - To draw up the division of costs between activity centres.
  - To calculate the costs of finished products.
  - To draw up a cost distribution by activities.
  - To detect different cost accounting problems.
- Elaborate, interpret and audit the economical-financial information of entities and individuals, and provide them with assessment.

#### Goals

- To differentiate between cost accounting and general accounting.
- To describe the basic concepts of cost accounting.
- To identify business's costs.
- To organise business costs.
- To classify business costs.
- To determine the cost of materials.
- To identify the different costs making up staff costs.
- To identify the other indirect costs.
- To draw up the division of costs between activity centres.
- To draw up a cost distribution by activities.
- To detect different cost accounting problems.
- To interpret the analytical result corresponding to each method.

#### Degree-transversal competences

- Ability to criticise and be self-critical.

#### Goals

- To detect errors and suggest how to correct them.
  - To classify business costs.
  - To interpret the analytical result corresponding to each method.
- Ability to organise and plan.

#### Goals

- To resolve circumstances following the correct order.
- To identify a business's costs.
- To organise business costs.
- To classify business costs.
- To determine the cost of materials.
- To identify the different costs making up staff costs.
- To identify the other indirect costs.
- To express the different methods for determining results.

- Teamwork and leadership.

#### Goals

- To resolve circumstances following the correct order.
- Be able to work and to learn in an autonomous way and simultaneously adequately interact with others, through cooperation and collaboration.

#### Goals

- To summarise the content of a text or article.
- To detect errors and suggest how to correct them.
- To resolve circumstances following the correct order.
- To use accounting language properly.
- Ability to analyse and synthesise.

#### Goals

- To distinguish key concepts determined in each topic.
- To summarise the content of a text or article.
- To identify business's costs.
- To organise business costs.
- To classify business costs.
- To determine the cost of materials.
- To identify the different costs making up staff costs.
- To identify the other indirect costs.
- To interpret the analytical result corresponding to each method.
- To describe the cost calculation procedure.
- To draw up the division of costs between activity centres.
- To draw up a cost distribution by activities.
- To detect different cost accounting problems.
- Act in accordance with rigour, personal compromise and in a quality orientated way.

#### Goals

- To summarise the content of a text or article.
- To detect errors and suggest how to correct them.
- To resolve circumstances following the correct order.
- To describe cost calculation procedure.

## Subject contents

### TOPIC 1: CONCEPT AND OBJECTIVES OF COST ACCOUNTING

- 1.1. Concept of Cost Accounting
- 1.2. Objectives of Cost Accounting
- 1.3. Distinguishing between Analytical Accounting and General Accounting

- 1.4. Basic concepts in Cost Accounting

## **TOPIC 2: TYPES OF COST**

- 2.1. External costs- Calculated costs
- 2.2. Production costs- Distribution costs- Administration costs
- 2.3. Direct costs - Indirect costs
- 2.4. Historical costs - Standard costs
- 2.5. Controllable costs - Uncontrollable costs
- 2.6. Fixed costs - Variable costs

## **TOPIC 3: FACTOR COSTS**

- 3.1 Material costs: control and stock valuation criteria
- 3.2 Labour costs: objectives of calculation and incorporable costs
- 3.3 Indirect manufacturing costs: principal incorporable costs

## **TOPIC 4: METHODS FOR DETERMINING COSTS AND RESULTS**

- 4.1. Full-Cost
- 4.2. Functional
- 4.3. Direct-cost
- 4.4. Rationalattribution: sub-activity costs

## **TOPIC 5: COST CENTRES**

- 5.1. Dividing costs among centres
- 5.2. Principal centres and auxiliary centres: subdivision

## **TOPIC 6: COST BEARERS**

- 6.1. Attribution of costs to products: work units
- 6.2. Accounting treatment of products being manufactured

## **TOPIC 7: THE ACTIVITY-BASED COST SYSTEM**

- 7.1. Description of the ABC model
- 7.2. Concept of activity
- 7.3. Cost inductors

**TOPIC 8: SPECIFIC COST CALCULATION PROBLEMS**

8.1. Stock differences

8.2. Costs of by-products, waste and defective products

**TOPIC 9: DECISION-MAKING COSTS**

9.1. Information analysis

9.2. Cost-Volume-Benefit analysis



## Methodology

The subject will be developed in the following way:

a) Theory classes: these are based on the exposition of the fundamental concepts by the teacher in class, in person. The theoretical explanations will be accompanied by examples and small application exercises, all presented with power point, in order to clarify to the maximum the exhibition. This synthetic material, as well as the complete material, will be made available to students through the virtual campus SAKAI, within RESOURCES, as the course progresses.

b) Practice classes: These will be the practices, which will be uploaded to sakai in the ACTIVITIES folder, are uploaded at the beginning of the course. The practices are cases that are posed imitating a problem / real business situation with several possible solutions. These practices will be accompanied, if any, by small computer programs that will help the student to resolve them solvently. The student must carry out the cases worked on the class day that is determined by each one. Someday, without prior notice, the teacher will pick up the cases to correct. A good way to focus on the study of this subject is the following: Follow the explanations made by the teacher and complete the notes and raise doubts. It is recommended to read the notes every week and to make summaries in order to emphasize the fundamental concepts that must be understood and retained. When finalizing the study of the subjects, it is recommended to do the corresponding practices (exercises / cases proposed).

Some practices will be solved by the teacher and others will be worked and resolved autonomously by the student in order to achieve the concepts explained in class.

## Development plan

Setmana	Data	Activitat	Agrupació	Hores	Activitat avaluació
1		Presentation subject /Lesson 1		3,50	
2		Lessons 1 and 2		3,5	
3		Lesson 2		3,5	
4		Lesson 2		3,5	
5		Lesson 3		3,5	
6		Lesson 3 Preparation of test type questions. Lessons 1, 2 and 3		3,5	5% Individual/Voluntària
7		Lesson 4		3,5	
8		Lesson 4		3,5	
9		Practical theoretical examination . Lessons 1a 4			25% Individual/Voluntària
10		Lesson 4		3,5	
11		Lesson 5		3,5	
12		Lesson 5 Explanation and resolution of work		3,5	
14		Lesson 6 Resolution of work		3,5	
15		Lesson 6		3,5	

16-17		Practical and teorical examination. Lessons 1a 6			50%Individual/Obligatòria
18		Delivery and exhibition of work		3,50	20% Grupal/Obligatòria
19		Re-evaluation activity practical and teorical examination. Lessons 1a 6			50%Individual/Obligatòria

## Evaluation

Objectius	Activitats d'Avaluació Criteris	%	Dates	O/V	I/G
Theme 1, 2, 3	Preparation of test questions. T 1, 2, 3	0	Week 6	V	G
Theme 1a 4	Theory and practical test	25	Week 9	V	I
Theme 1a 6	Theory test	25	Week 14	O	I
	Delivery of work	20	Week 16	O	G
Theme 1a 6	Practical test	25	Week 17-19	O	I

#### Evaluation criteria:

- The final grade of the subject is obtained from the weighted average of the grades obtained in each of the four evaluation activities, according to the weight assigned to each one of them. And it is necessary to obtain a grade greater than or equal to 5 on average of all tests to pass the continuous assessment of the subject
- The test (AA1) will consist of a classroom activity carried out in class, as will be specified in the section of activities within the virtual campus SAKAI
- The test (AA2) of week 9 will consist of the resolution of 3 or 4 practical cases.
- The test (AA3) of week 16-17 will consist in the resolution of 2 or 3 practical cases and in the realization of some test questions that include theoretical and practical contents. The test questions will have four response options and a single correct option. Incorrect answers will subtract 25% of the score from a correct one
- To evaluate the work (AA4), the following aspects will be taken into account: 20% attendance to class during the sessions that are dedicated; 25% the written presentation of the work (format text), 25% the performance of the calculations (excel format) and 30% the answers given by the group members during the presentation of the same.
- In order to perform the weighted average of the grades, and opt for a FINAL NOTE (NF), the student must obtain at least a grade of 3.5 out of 10 in the test (AA3) or (AR). Otherwise, the subject will be SUSPENDED.
- A re-evaluation activity (AR) of the test will be carried out (AA3). This is voluntary and can only be submitted by students who have previously taken the test (AA3). The re-evaluation activity has the unique and exclusive function of helping to pass the subject. - In the case of students who report to the re-evaluation activity (AR), the test (AA3) will be canceled .

#### Alternative evaluation:

In the event that a student documents documentally their inability to attend programmed activities in the continuous assessment (for paid work), they may opt for a single test of validation of competences and knowledge that will be performed on the day and in the day - Timetable established in the calendar of evaluation of the Degree for the final test of the ordinary evaluation. This test will consist of a theoretical and practical final exam of all the subjects included in the program. The application for this assessment modality must be made before October 30 with documentary accreditation and, once done, it can not be modified.

Note: In accordance with art. 3.1 of the UdL assessment regulations, the student can not use, in any case, during the conduct of the evaluation tests, means not allowed or fraudulent mechanisms. The student who uses any fraudulent means related to the test and / or carries electronic devices not allowed, will have to abandon the test or the test, and will be subject to the consequences provided in these regulations or any other regulations of internal regime of the UdL. (In any case, there will be a threshold of the final grade of the subject)

## Bibliography

Recommended bibliography

#### Resources on the Virtual Campus:

Classes are complemented with support material for the subject consisting of exercises and case studies.

#### BASIC BIBLIOGRAPHY

- ALVAREZ LOPEZ, J: *Contabilidad analítica de explotación*. Ed. Donostiarra, San Sebastian, latest

edition.

- AMAT, O.; SOLDEVILA, P.: *Comptabilitat i Gestió de Costos*. Gestió 2000, Barcelona 1998.
- BLANCO IBARRA, F.: *Curso de contabilidad analítica*. Deusto, Bilbao 1990.
- MALLO, C. ; JIMÉNEZ, M.A.: *Contabilidad de costes*. Ed. Pirámide, Madrid 1997.
- MALLO, C. ; MIR, F. and OTHERS: *Contabilidad de gestión (contabilidad de gestión)*. Col. ACODI-Ariel Economía, 1994.
- MARTIN PEÑA, F. and ROS RIERA, J.: *Costes Contabilidad y gestión*. Ed. Centro de Estudios Financieros, 2003.
- RIPELL FELIU, V.; ALVAREZ LÓPEZ, J. and OTHERS: *Introducción a la contabilidad de gestión. Cálculo de costes*. McGraw-Hill, Madrid, 1994.
- SÁEZ TORRECILLA, A.; FERNÁNDEZ FERNÁNDEZ, A.; GUTIÉRREZ DÍAZ, G.: *Contabilidad de costes y Contabilidad de Gestión*. Ed. McGraw-Hill, Madrid 1993.

#### PRACTICAL BIBLIOGRAPHY

- AMAT, O.; SOLDEVILA, P. and AGUILÀ, S.: *Ejercicios resueltos de contabilidad de costes*. Ed. Gestió 2000. Barcelona, 1999.
- BLANCO IBARRA, F.: *Ejercicios resueltos de Contabilidad Analítica*. Ed. Deusto. Bilbao 1991, 2nd edition.
- LÓPEZ, E.; MENDAÑA, C.; RODRÍGUEZ M.A.: *Ejercicios de Contabilidad de Costes y de Gestión*. Ed. Pirámide. Madrid 1998.
- ROCAFORT, A.; FERRER, R.: *Introducción práctica a la contabilidad de costes empresariales, Supuestos resueltos*. Ed. Miquel, Barcelona 1988.
- SAEZ, A.; GUTIERREZ, G. and MARTIN, J.: *Supuestos de contabilidad de costes*. Ed. Tebar Flores. Madrid, 1985.
- TEJADA PONCE, A. and others: *Contabilidad de Costes*. Supuestos prácticos. Ed. Prentice Hall, 2004