

Course guide

220216 - 220216 - Business Management

Last modified: 02/04/2024

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 732 - OE - Department of Management.

Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Compulsory subject).

Academic year: 2024 **ECTS Credits:** 5.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Manel Rajadell Carreras

Others: Anna Solans

REQUIREMENTS

There are no requirements.

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

2. Knowledge of financial and cost accounting.
3. Knowledge and skills to organize and manage companies.
4. Knowledge and skills of strategy and planning applied to different organizational structures.
5. Apply knowledge and solve problems in new or unfamiliar environments within broader and multidisciplinary contexts.

Transversal:

6. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

Basic:

1. Improve technical communication of results.

TEACHING METHODOLOGY

The teaching methodology is divided into three parts:

- Face-to-face Sessions of exposure of the contents.
- Face-to-face Sessions of practical work (exercises and problems).
- Autonomous work of study and realization of exercises and activities.

In the sessions of exposure of the contents, the teaching staff will introduce the theoretical bases of the terms, concepts, methods and results, illustrating them with examples appropriate to facilitate their understanding.

In the sessions of practical work in the classroom, the teacher will guide the students in the application of theoretical concepts to problem solving, a basis for critical reasoning at all times. Will propose exercises that the students solve in the classroom and outside the classroom, in order to facilitate the contact and the use of the basic tools necessary for the resolution of problems.

The students, autonomously, has to work the material provided by the teaching staff and the results of the working sessions-problems in order to assimilate and fix concepts.

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

Type	Hours	Percentage
Self study	80,0	64.00
Hours small group	15,0	12.00
Hours large group	30,0	24.00

Total learning time: 125 h

CONTENTS

Module 1: nature, historical evolution and functions of managers

Description:

Background to the recognition of the management role
 Historical evolution of the main formal schools
 Behavioural aspects in the exercise of the Executive function
 The implementation of the strategy
 Future scenarios, trends and breakouts.

Specific objectives:

1. That the students know how to communicate their findings and the knowledge and the latest reasons based on specialist and non-specialist audiences clearly and unambiguously.
2. The knowledge and skills to organize and run companies.
3. The knowledge and skills of strategy and planning applied to different organisational structures.

Related activities:

Activity 1: Large groups Sessions/theory
 Activity 2: Media groups Sessions/problems
 Activity 3: Partial Review
 Activity 5: Case study

Full-or-part-time: 62h

Theory classes: 15h
 Practical classes: 7h
 Self study : 40h

Module 2: Quantitative tools for the decision-making of the executive in the functional area of finance

Description:

Structure of the financial statements of the company

Policy design of depreciation methods for financial decision making: economic and financial analysis

State of origin and application of funds

Criteria to select investment criteria to select forms of financing

Specific objectives:

1. That the students know how to communicate their findings and the knowledge and the latest reasons based on specialist and non-specialist audiences clearly and unambiguously.
2. Knowledge of financial accounting.
3. Apply the acquired knowledge and solve problems in new or unfamiliar environments within broader contexts and multidisciplinary research.

Related activities:

Activity 1: large groups Sessions/theory

Activity 2: media groups Sessions/problems

Activity 4: final exam

Activity 5: case study

Full-or-part-time: 63h

Theory classes: 15h

Practical classes: 8h

Self study : 40h

ACTIVITIES

(ENG) ACTIVITAT 1: SESSIONS GRUPS GRANS/TEORIA

Description:

Previous and subsequent preparation of the sessions of theory and assistance to these.

Specific objectives:

Transfer the knowledge necessary for a correct interpretation of content developed in the large group session, resolution of doubts in relation to the subject matter of the course and the development of generic skills.

Material:

Notes on the Atena platform.

General bibliography for the subject.

In the programmable calculators cannot be used

Delivery:

During some of the sessions will be conducted in-class exercises in class, individually or in small groups.

Full-or-part-time: 48h

Self study: 20h

Theory classes: 28h

(ENG) ACTIVITAT 2: SESSIONS GRUPS MITJANS/PROBLEMES

Full-or-part-time: 34h

Self study: 20h

Practical classes: 14h



(ENG) ACTIVITAT 3: EXAMEN PARCIAL

Full-or-part-time: 6h

Self study: 5h

Theory classes: 1h

(ENG) ACTIVITAT 4: EXAMEN FINAL

Full-or-part-time: 7h

Self study: 5h

Theory classes: 2h

(ENG) ACTIVITAT 5: CAS PRÀCTIC

Full-or-part-time: 30h

Self study: 30h

GRADING SYSTEM

- Activity 3 (partial exams): Test 1 weight 20%, Test 2 weight: 20% Test 3 weight 20%
- Activity 4 (final exam): final exam weight first part 20%. Final exam weight second part 20%
- Activity 5, weight: 20%

All those students who cannot attend the third activity (partial examination), or suspend it, will have the option to recover it the day that will make the fourth activity (final exam).

EXAMINATION RULES.

Activities 3 I 4 will be carried out individually and in writing

Activity 5 will be carried out individually and in writing

BIBLIOGRAPHY

Basic:

- Amat, O.; Sodevila, P. Contabilidad y gestión de costes. 3a ed. Barcelona: Gestión 2000, 2000. ISBN 8480885114.

Complementary:

- Grant, Robert M. Dirección estratégica: conceptos, técnicas y aplicaciones. Madrid: Civitas, 1996. ISBN 8447008290.
- Blanco, Ibarra, Felipe. Contabilidad de costes y analítica de gestión para las decisiones estratégicas. 9ª ed. Bilbao: Deusto, 2002. ISBN 8423420485.

RESOURCES

Other resources:

- Collection of problems of the subject
- Transparencies of each module
- Various Articles
- Videos: www.youtube.com/user/manelrajadell