

## 220216 - Business Management

Coordinating unit: 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering  
Teaching unit: 732 - OE - Department of Management  
Academic year: 2019  
Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Teaching unit Compulsory)  
ECTS credits: 5 Teaching languages: Catalan, Spanish

### Teaching staff

Coordinator: Manel Rajadell Carreras  
Others: Anna Solans

### Opening hours

Timetable: Check timetable according to the current semester.

### Requirements

There are no requirements.

### Degree competences to which the subject contributes

Specific:

1. Improve technical communication of results.
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.

## 220216 - Business Management

### 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

Total learning time: 125h	Hours large group:	30h	24.00%
	Hours small group:	15h	12.00%
	Self study:	80h	64.00%

## 220216 - Business Management

### Content

Module 1: nature, historical evolution and functions of managers

Learning time: 62h

Theory classes: 15h

Practical classes: 7h

Self study : 40h

#### 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.

#### Related activities:

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

#### 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.

## 220216 - Business Management

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

Learning time: 63h

Theory classes: 15h

Practical classes: 8h

Self study : 40h

### 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

### Related activities:

Activity 1: large groups Sessions/theory

Activity 2: media groups Sessions/problems

Activity 4: final exam

Activity 5: case study

### 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.

## 220216 - Business Management

### Planning of activities

(ENG) ACTIVITAT 1: SESSIONS GRUPS GRANS/TEORIA	Hours: 48h Theory classes: 28h Self study: 20h
<p>Description: Previous and subsequent preparation of the sessions of theory and assistance to these.</p> <p>Support materials: Notes on the Atena platform. General bibliography for the subject. In the programmable calculators cannot be used</p> <p>Descriptions of the assignments due and their relation to the assessment: During some of the sessions will be conducted in-class exercises in class, individually or in small groups.</p> <p>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.</p>	
(ENG) ACTIVITAT 2: SESSIONS GRUPS MITJANS/PROBLEMES	Hours: 34h Practical classes: 14h Self study: 20h
(ENG) ACTIVITAT 3: EXAMEN PARCIAL	Hours: 6h Theory classes: 1h Self study: 5h
(ENG) ACTIVITAT 4: EXAMEN FINAL	Hours: 7h Theory classes: 2h Self study: 5h
(ENG) ACTIVITAT 5: CAS PRÀCTIC	Hours: 30h Self study: 30h

### Qualification 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).

## 220216 - Business Management

### Regulations for carrying out activities

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

Activity 5 will be carried out individually and in writing

### Bibliography

#### Basic:

Mintzberg, Henry. La naturaleza del trabajo directivo. Barcelona: Ariel, 1991. ISBN 8434461005.

Dickinson, G.M.; Lewis, J.E. Planificación, inversión y control financiero. Bilbao: Deusto, 1984. ISBN 8423405710.

Amat, O.; Sodevila, P. Contabilidad y gestión de costes. Barcelona: Gestión 2000, 1997. ISBN 8480882123.

Rajadell, M.; Trullàs, O.; Simó, P. Contabilidad para todos: introducción al registro contable [on line]. Barcelona: OmniaScience, 2014 [Consultation: 24/07/2017]. Available on:  
<<http://www.omniascience.com/scholar/index.php/scholar/issue/view/13>>. ISBN 9788494187247.

#### 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.

#### Others resources:

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