

Course guide

820071 - LD - Leadership and Management

Last modified: 27/01/2025

Unit in charge: Barcelona East School of Engineering
Teaching unit: 732 - OE - Department of Management.

Degree: BACHELOR'S DEGREE IN BIOMEDICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN ENERGY ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN INDUSTRIAL ELECTRONICS AND AUTOMATIC CONTROL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN MATERIALS ENGINEERING (Syllabus 2010). (Optional subject).

Academic year: 2024 **ECTS Credits:** 6.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: JOSEP COLL BERTRAN

Others: JOSEP COLL BERTRAN
MERITXELL MASÓ CARBÓ

PRIOR SKILLS

The skills from the BUSINESS subject of the syllabus.

TEACHING METHODOLOGY

The subject is based on the work developed at the classroom, where contents are explained, and practical activities and group presentations take place. There is a practical approach of the topics, especially on the techniques and tools that are useful in management.

LEARNING OBJECTIVES OF THE SUBJECT

To learn the Leadership and Management functions, as the way to excellence.
To acquire the knowledge to place a company (or any organization) in a strategy to find the excellence.
To understand the importance of the Strategic Planning practice in the company and in the organizations.
To know how to manage the basic elements of the Strategic Planning model.
To introduce into the importance of organizational culture, the values within an organization, and other topics related to Business Organization.

STUDY LOAD

Type	Hours	Percentage
Hours small group	15,0	10.00
Hours large group	45,0	30.00
Self study	90,0	60.00

Total learning time: 150 h



CONTENTS

The Management function and Leadership function.

Description:

The unit focuses on the management and leadership concept in a company or organization

Specific objectives:

- To know the management function.
- To know the leadership function.
- To discuss among management function and leadership function.

Related activities:

- To attend classes.
- Essays among different aspects of the unit.

Full-or-part-time: 30h

Theory classes: 12h

Self study : 18h

Organizational culture, Values, and other topics

Description:

The module covers organizational culture and values and their importance in implementing strategy

Specific objectives:

- Understand what culture and values are
- Understand a comprehensive model of possible values in an organization

Related activities:

- To attend classes
- Essays about the content of the unit

Full-or-part-time: 20h

Theory classes: 8h 20m

Self study : 11h 40m

Strategic thinking. Planning. Strategic management.

Description:

The unit focuses on the importance of the strategic thinking and proposes a strategic planning model. And we will also discuss business models and the transformation of organizations.

Specific objectives:

- To be aware of the importance to have a strategic thinking.
- To know the most used model in strategic planning.

Related activities:

- To attend classes.
- Essays about the content of the unit.

Full-or-part-time: 30h

Theory classes: 12h

Self study : 18h



GRADING SYSTEM

- In each unit there will be exercises/essays and exams that together will provide the qualification of each unit. Each activity and each unit does not necessarily have the same weight.
- The 25% of the final qualification is a final essay about Leadership.
- There will be a final exam for the students that have not passed the subject during the continued evaluation and the students that want to increase their qualification.
- There will be no reevaluation exam

EXAMINATION RULES.

There are no specific rules.