

820071 - LD - Leadership and Management

Coordinating unit: 295 - EEBE - Barcelona East School of Engineering

Teaching unit: 732 - OE - Department of Management

Academic year: 2017

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

ECTS credits: 6 Teaching languages: Catalan

Teaching staff

Coordinator: JOSEP COLL BERTRAN

Others: JOSEP COLL BERTRAN

Opening hours

Timetable: To be published at the beginning of the course.

Prior skills

The skills from the BUSINESS subject of the syllabus.

Requirements

To have passed the BUSINESS subject of the syllabus.

Degree competences to which the subject contributes

Specific:

2. Understand the applications of business organisation.

Transversal:

1. ENTREPRENEURSHIP AND INNOVATION - Level 3. Using knowledge and strategic skills to set up and manage projects. Applying systemic solutions to complex problems. Devising and managing innovation in organizations.

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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 learn about Change Management, its difficulties and causes.
- To know and to assess the importance of the Human Capital Management as a strategic factor in companies and organizations. To introduce the basic elements of the Human Resources policies.
- To introduce the Organization Design and, in particular, the "new" structural designs of the companies and organizations from the Knowledge Society.
- To introduce the companies' and organizations' Audit Executive.

Study load

Total learning time: 150h	Hours large group:	45h	30.00%
	Hours medium group:	0h	0.00%
	Hours small group:	15h	10.00%
	Guided activities:	0h	0.00%
	Self study:	90h	60.00%

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Content

The Management function and Leadership function.

Learning time: 30h

Theory classes: 12h

Self study : 18h

Description:

The unit focuses on the management and leadership concept in a company or organization from the reflection on this topic during the 20th century until nowadays.

Related activities:

- To attend classes.
- 2 individual essays and 1 essay in a group of two people among different aspects of the unit.

Specific objectives:

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

Organization design. Relations with the environment.

Learning time: 30h

Theory classes: 12h

Self study : 18h

Description:

The unit focuses on the organizations design and about the considerations that the interactions with the environment deserve.

Related activities:

- To attend classes.
- An essay in a group of two people about the content of the unit.

Specific objectives:

- To know how and why the organization design works.
- To know the new organization models from the knowledge society.

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<p>Strategic thinking. Planning. Strategic management.</p>	<p>Learning time: 30h Theory classes: 12h Self study : 18h</p>
<p>Description: The unit focuses on the importance of the strategic thinking and proposes a strategic planning model.</p> <p>Related activities: -To attend classes. -An essay (individual at the beginning and afterwards in group), and an essay in a group of two people about the content of the unit.</p> <p>Specific objectives: -To be aware of the importance to have a strategic thinking. -To know the most used model in strategic planning.</p>	
<p>Audit Executive.</p>	<p>Learning time: 30h Theory classes: 12h Self study : 18h</p>
<p>Description: The unit focuses on the role of the Audit Executive linked with the planning and persecution of the aim of the company or organization.</p> <p>Related activities: -To attend classes. -An exam about the content learned in class.</p> <p>Specific objectives: -To know the role of the Audit Executive beyond the analysis of the financial statements. -To know the ERP and the Balanced Scorecard.</p>	

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The human management as human capital.	Learning time: 30h Theory classes: 12h Self study : 18h
<p>Description: The unit is a synthesis of the four units presented before and adds an extension about the role of the leaders.</p> <p>Related activities: -A final essay about the leadership of a well-known person from a company or an organization.</p> <p>Specific objectives: -To have a synthesis of the subject and a global vision of the leadership function.</p>	

Qualification system

- In each unit there will be exercises, essays and tests that together will provide the qualification of each unit. Each activity does not necessarily have the same weight in the final qualification. To be evaluated in a unit you must hand in all the essays and assist regularly at class.
- The first unit, the second unit, and the sum of the third and the fourth units together, represent each the 25% of the final qualification of the subject (total 75%).
- The 20% of the final qualification is a final essay about Leadership.
- The final 5% of the evaluation is the generic competence (Entrepreneurship and Innovation) which will be evaluated upon exercises, essays and tests that are suitable to assess this competence.
- 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.

Regulations for carrying out activities

There are no specific rules.

Bibliography

Basic:

Aguirre Sádaba, A.; Castillo Clavero, A. M.; Tous Zamora, D. Administración de organizaciones en el entorno actual. Madrid: Pirámide, 2003. ISBN 8436818091.

García-Tenorio Ronda, J.; García Merino, M^a T. Organización y dirección de empresas. Madrid: Thomson, cop. 2006. ISBN 8497324560.