860010 - 22001EMP - Business

Coordinating unit: 860 - EEI - Igualada School of Engineering
Teaching unit: 713 - EQ - Department of Chemical Engineering
Academic year: 2013
Degree: DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
DEGREE IN INDUSTRIAL SCHEDULING (Syllabus 2011). (Teaching unit Compulsory)
ECTS credits: 6
Teaching languages: Catalan, English

Coordinator: ROSA MARIA VIDAL TUSAL

Degree competences to which the subject contributes

Specific:
5. Applied knowledge of business organization.

General:
1. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 2. Using strategies for preparing and giving oral presentations. Writing texts and documents whose content is coherent, well structured and free of spelling and grammatical errors.
2. ENTREPRENEURSHIP AND INNOVATION - Level 2. Taking initiatives that give rise to opportunities and to new products and solutions, doing so with a vision of process implementation and market understanding, and involving others in projects that have to be carried out.
3. TEAMWORK - Level 2. Contributing to the consolidation of a team by planning targets and working efficiently to favor communication, task assignment and cohesion.

Teaching methodology

Activities                                                                                                  Crèdits ECTS
Exhibition lectures by the teacher with the explanation of concepts, materials and work plan.                  2,5
Exercises individually or in teams, searching for information, individual self-study and study.              2,5
Tutoring and Assessment 1,0

Learning objectives of the subject

After the course the student or student should be able to:
1. Understand the characteristics of different types of companies and their economic objectives.
2. Understand and analyze the basic problems of different areas of company management and its functions.
3. Understand how decisions that creates opportunities to process and market vision.
860010 - 22001EMP - Business

Study load

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Theory classes: 40h</th>
<th>26.67%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Practical classes: 10h</td>
<td>6.67%</td>
</tr>
<tr>
<td></td>
<td>Laboratory classes: 0h</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>Guided study: 10h</td>
<td>6.67%</td>
</tr>
<tr>
<td></td>
<td>Self study: 90h</td>
<td>60.00%</td>
</tr>
</tbody>
</table>

Content

**ECONOMY**

Learning time: 75h
- Theory classes: 20h
- Practical classes: 6h
- Guided activities: 7h
- Self study: 42h

Description:
- Business administration and finance.

**ENTERPRISE**

Learning time: 75h
- Theory classes: 20h
- Practical classes: 5h
- Guided activities: 8h
- Self study: 42h

Description:
- Enterprise and entrepreneurial
- Human resources
- Marketing
- Business plan

**(ENG) EMPRESA 3**

Degree competences to which the content contributes:

**(ENG) PROJECTE I INTEGRADOR**

Degree competences to which the content contributes:
The final grade for the course (Nfinal) is calculated as follows:

\[ N_{\text{final}} = 75\% \text{ total} + 25\% \text{ project} \]

As part of this course also assessed the level 2 competition generic "Entrepreneurship and Innovation".

**Bibliography**

**Basic:**

### LECTURES

**Hours:** 74h  
Theory classes: 40h  
Self study: 34h

**Description:**  
Lectures by the teacher with the explanation of concepts, materials and work plan.

**Support materials:**  
Notes and bibliography for the course.

**Specific objectives:**  
At the end of the activity students should be able to:  
Understand, analyze, interpret and explain basic economic concepts.  
Having a strategic vision of the company.

### INDIVIDUAL INCOME AND STUDY

**Hours:** 36h  
Practical classes: 11h  
Guided study: 10h  
Self study: 15h

**Description:**  
Exercises individually or in teams, searching for information, individual self-study and study.

**Support materials:**  
Notes and bibliography for the course.

**Descriptions of the assignments due and their relation to the assessment:**  
Deliverables: planning exercises delivered by the teacher.  
Assessment: exercises have delivered a note of the weight of theory.

**Specific objectives:**  
At the end of the activity students should be able to:  
Understand, analyze, interpret and explain basic economic concepts.  
Having a strategic vision of the company.
860010 - 22001EMP - BUSINESS

**Coordinating unit:** 860 - EEI - Igualada School of Engineering  
**Teaching unit:** 713 - EQ - Department of Chemical Engineering  
**Teaching unit:** 732 - OE - Department of Management  
**Academic year:** 2013  
**Full:** 2

### Planning of activities

| TUTORING AND EVALUATION | Hours: 5h  
Guided study: 5h |
|-------------------------|-------------|
| **Description:**       | Production of various control tests during the course and a final exam.  
Tutoring individual students during the course. |
| **Descriptions of the assignments due and their relation to the assessment:** | Deliverables: the exams. |
| **Specific objectives:** | At the end of the activity students should be able to:  
Understand, analyze, interpret and explain basic economic concepts. |

| COMPREHENSIVE PROJECT | Hours: 30h  
Guided study: 15h  
Self study: 15h |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Application of the concepts worked on subjects that are part of the comprehensive project, using techniques of group work and individual.</td>
</tr>
<tr>
<td><strong>Support materials:</strong></td>
<td>Notes and bibliography for the course.</td>
</tr>
</tbody>
</table>