240811 - Economic and Financial Analysis in Business

**Coordinating unit:** 310 - EPSEB - Barcelona School of Building Construction

**Teaching unit:** 1039 - UPF - (ANG) pendent

**Academic year:** 2019

**Degree:**
- MASTER'S DEGREE IN OCCUPATIONAL HEALTH AND SAFETY (Syllabus 2010). (Teaching unit Compulsory)
- MASTER'S DEGREE IN OCCUPATIONAL HEALTH AND SAFETY (Syllabus 2016). (Teaching unit Compulsory)

**ECTS credits:** 3

**Teaching languages:** Catalan, Spanish

### Teaching staff

**Coordinator:** Busquets Garcia, Joan Ramon

**Others:** No applicable.

### Opening hours

**Timetable:** If it's necessary, it will be defined in class.

### Prior skills

Not necessary

### Requirements

Not necessary

### Degree competences to which the subject contributes

**Specific:**

1. Be able to promote conducts, habits, consumption and health life styles, with the active participation of the workers as main role of the own health. Be able to promote the preventing culture within the company and the creation of health environments.
2. Identify and distinguish the different integration models for the prevention in the management of the company.
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Teaching methodology

The 75 hours of work that the student will dedicate, will have the following distribution:

- 12 hours where the professor will show the basic information of the theoretical parts of the course included in the program, including exercises. There will be 8 sessions of one and a half hours each one.
- 7 hours and a half where the practices related to the theory will be resolved for the student individually with previous preparation. When the class is finished the professor will pick up the practices. There will be 5 sessions of one and hours each one.
- 6 hours and a half of individual class with the students to resolve doubts and make a follow-up in the process of learning. It will be half an hour of these sessions during the 13 weeks the subject lasts.
- 8 hours where the students will make the two group projects that are delivered outside of class.
- 41 hours where the students should read the materials of the subject, prepare the practices, and invest time in preparing the final exam.

The material with the concepts of the subject will be available in the virtual campus at the beginning of the subject. The theory, practices will be detailed in the part of "content", and the two group projects in the part of "plannification of activities".

Learning objectives of the subject

- Knowledge:

1. Identify the differences between the internal and external environments of the company.
2. Define and classify the assets in the balance of situation.
3. Calculate the result of a period and analyze the different class of results.
4. Define and classify the components of the account of losses and gains.
5. Elaborate the balance of situation and the account of losses and gains. Verify the integration.
6. Distinguish the concepts expense, cost and investment.
7. Define and interpret the cost of production, the cost of production sold and the expenses of the period.
8. Apply the principal methods of valuation of stock.
9. Define and analyze the principal classes of costs.
10. Present the traditional systems of costs, Full Cost and Direct Cost and interpret the costs and edges that are included in everyone of them.

Study load

| Total learning time: 75h |  |
|-------------------------|--|------------------|
| Hours large group:       | 27h | 36.00% |
| Self study:              | 48h | 64.00% |
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## Content

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<tr>
<th>Topic</th>
<th>Learning time: 1h 30m</th>
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<tr>
<td><strong>-ECONOMIC DIMENSION AND FINANCE OF THE COMPANY</strong></td>
<td>Theory classes: 1h 30m</td>
</tr>
<tr>
<td>Description:</td>
<td></td>
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<tr>
<td>External and internal area of the transactions of the company.</td>
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<tr>
<td>Definitions and goals in costs.</td>
<td></td>
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<tr>
<td>Accounting principles.</td>
<td></td>
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<tr>
<td><strong>-HERITAGE OF THE COMPANY</strong></td>
<td>Theory classes: 1h 30m</td>
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<tr>
<td>Description:</td>
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<tr>
<td>Concept and composition of heritage.</td>
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<tr>
<td>Concept of active, passive and net worth</td>
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<tr>
<td><strong>-BALANCE OF SITUATION</strong></td>
<td>Theory classes: 1h 30m</td>
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<tr>
<td>Description:</td>
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<tr>
<td>Definition, ordenation and composition of the balance of situation.</td>
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<tr>
<td>Main patrimonial items.</td>
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<tr>
<td><strong>-PRACTICE 1</strong></td>
<td>Practical classes: 1h 30m</td>
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<tr>
<td>Description:</td>
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<tr>
<td>Balance of situation.</td>
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<tr>
<td><strong>-ECONOMIC RESULT OF THE COMPANY</strong></td>
<td>Theory classes: 1h 30m</td>
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<tr>
<td>Description:</td>
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<tr>
<td>Concept of result. Calculation of a result of a period.</td>
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<tr>
<td>Result classes.</td>
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</tbody>
</table>
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<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning time:</th>
<th>Description</th>
</tr>
</thead>
</table>
| **ACCOUNT OF LOSSES AND GAINS**            | 1h 30m         | **Learning time:** 1h 30m  
Theory classes: 1h 30m  
Description:  
Calculation and presentation of the different results. Structure of the account of losses and gains. Integration of the accounting states. |
| **PRACTICE 2**                             | 1h 30m         | **Learning time:** 1h 30m  
Practical classes: 1h 30m  
Description:  
Account of losses and gains. |
| **BASIC CONCEPTS OF COSTS**                | 1h 30m         | **Learning time:** 1h 30m  
Theory classes: 1h 30m  
Description:  
| **PRACTICE 3**                             | 1h 30m         | **Learning time:** 1h 30m  
Practical classes: 1h 30m  
Description:  
Costs, edges and analytic result. |
| **CLASSIFICATION OF COSTS**                | 1h 30m         | **Learning time:** 1h 30m  
Theory classes: 1h 30m  
Description:  
Direct and indirect costs, variable and fix. Other classification of costs. |
### -PRACTICE 4

**Learning time:** 1h 30m  
Practical classes: 1h 30m

**Description:**  
Classification of costs.

### -SYSTEMS OF COSTS

**Learning time:** 1h 30m  
Theory classes: 1h 30m

**Description:**  
Presentation and analysis of the Full Cost and Direct Cost. Differences between both systems.

### -PRACTICE 5

**Learning time:** 1h 30m  
Practical classes: 1h 30m

**Description:**  
Systems of Full Cost and Direct Cost.
### Planning of activities

<table>
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<tr>
<th>Activity</th>
<th>Description</th>
<th>Support materials</th>
<th>Hours: 4h</th>
</tr>
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<tbody>
<tr>
<td><strong>FIRST ACTIVITY: ANUAL ACCOUNTS</strong></td>
<td>Realize at the end date of the economic exercise the balance of the assets situation ordered by assets masses. For the period that closes, do the count of losses and gains according to the structure that presents the actual Accounting General Plan. Verificate the integration.</td>
<td>Teaching materials, Theory and practices, from session 1 to session 7. See the &quot;content&quot; part.</td>
<td>Guided activities: 4h</td>
</tr>
<tr>
<td><strong>SECOND ACTIVITY: SYSTEMS OF COSTS</strong></td>
<td>Analyze the different classes of costs that are consumed periodically and present the two traditional systems: Full Cost and Direct Cost. Justify numerically the differences of the results in each period when comparing both costs systems.</td>
<td>Teaching materials, theory and practices, from session 8 or session 13. See the &quot;content&quot; part.</td>
<td>Guided activities: 4h</td>
</tr>
</tbody>
</table>

### Qualification system

The subject will be evaluated according the following criteria:

- The assistance and participation (10%).
- Resolved and delivered practices during the programmed sessions (20%) (1).
- Resolved and delivered practices outside of class (20%) (2).
- Final exam theory and practice (50%) (3).
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Regulations for carrying out activities

The practices programmed in class are individual.

The two activities delivered outside of class will be made in groups with a maximum of 4 people each one. The first activity will be delivered at the 10th session and the other activity the day of the final exam.

Bibliography

Basic:


Others resources:

No aplicable.