240EI525 - Business and Organization Management

Coordinating unit: 240 - ETSEIB - Barcelona School of Industrial Engineering
Teaching unit: 732 - OE - Department of Management
Academic year: 2019
Degree: MASTER’S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Teaching unit Compulsory)  
MASTER’S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2019). (Teaching unit Optional)  
MASTER’S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2012). (Teaching unit Optional)
ECTS credits: 4,5  
Teaching languages: Catalan, Spanish

Teaching staff

Coordinator: Carme Martínez Costa
Others:  
Ivan Argilés Paris  
Joan Llobet Dalmases  
Carme Martínez Costa  
Carles Martínez-Marí Agell  
Antoni Matas Taruellà  
Maria Olivé Figa  
David Pàmies Millan

Degree competences to which the subject contributes

Basic:
CB7. (ENG) Que els estudiants sàpiguen aplicar els coneixements adquirits i la seva capacitat de resolució de  
problemes en entorns nous o poc coneguts dintre de contextos més amplis (o multidisciplinars) relacionats amb la  
seva àrea d’estudi.

Specific:
CEMEI09. Knowledge and abilities to organise and manage companies.
CEMEI10. Knowledge and strategy and planning abilities applied to different organizational structures.

General:
CGMEI06. (ENG) Gestionar tècnica i econòmicament projectes, instal.lacions, plantes, empreses i centres tecnològics.
CGMEI07. (ENG) Poder exercir funcions de direcció generla, direcció tècnica i direcció de projectes I+D+i en plantes,  
empreses i centres tecnològics.

Transversal:
CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: Being aware of and understanding the complexity of the  
economic and social phenomena typical of a welfare society, and being able to relate social welfare to globalisation  
and sustainability and to use technique, technology, economics and sustainability in a balanced and compatible  
manner.
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Teaching methodology

- lecture
- Self scheduled learning
- Problem-based learning and case discussion

Learning objectives of the subject

To get the knowledge about the functioning of a company (as an open system with constant relation with their business environment) the key business functions and the nature of management. To get the ability to use the tools and technologies for management planning and implementation of corporate strategies, managerial decision making, problem solving and managing projects or organizational units. Be able to analyse information and evaluate the economic impact of business decisions in the economic and financial situation of the company.

Competencies / Specific objectives:

1. Knowledge of concepts, principles and tools of business administration and management.
2. Having a comprehensive and integrated view of an organization.
3. Ability to formulate policies and strategies.
4. Ability to analyse the economic and financial information of a company, for decision making.
5. Develop management skills.
6. Ability to apply knowledge gained in the design and management of an organization or organizational units.

Study load

<table>
<thead>
<tr>
<th>Total learning time: 112h 30m</th>
<th>Hours large group: 27h</th>
<th>24.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours medium group: 13h 30m</td>
<td>12.00%</td>
<td></td>
</tr>
<tr>
<td>Guided activities: 0h</td>
<td>0.00%</td>
<td></td>
</tr>
<tr>
<td>Self study: 72h</td>
<td>64.00%</td>
<td></td>
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</tbody>
</table>
## Content

<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning time: 9h</th>
<th>Description</th>
<th>Related activities</th>
<th>Specific objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. OWNERSHIP, MANAGEMENT AND CORPORATE GOVERNANCE</strong></td>
<td></td>
<td>Concept and classification of the organizations. Social responsability. Firm environment. Separation of ownership and management. Types of control of the company. Functions of the managers. Levels of management. High management devices. Governing bodies. Codes of good governing.</td>
<td>10, 11, 12</td>
<td>1, 2</td>
</tr>
<tr>
<td><strong>2. FINANCIAL STATEMENTS</strong></td>
<td></td>
<td>Introduction to financial accounting. Balance sheet. Valuation of assets. Depreciation and amortization. Valuation of financial assets. Profit and Loss Account.</td>
<td>10, 11, 12</td>
<td>1, 2</td>
</tr>
</tbody>
</table>
### 4. FINANCIAL PLANNING AND BUDGETING

<table>
<thead>
<tr>
<th>Description:</th>
<th>Provisional accounts. Budgeting. Budget of liquid assets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related activities:</td>
<td>5, 10, 11, 12</td>
</tr>
<tr>
<td>Specific objectives:</td>
<td>1, 4</td>
</tr>
<tr>
<td>Learning time:</td>
<td>5h</td>
</tr>
<tr>
<td>Theory classes:</td>
<td>1h 30m</td>
</tr>
<tr>
<td>Practical classes:</td>
<td>1h 30m</td>
</tr>
<tr>
<td>Self study:</td>
<td>2h</td>
</tr>
</tbody>
</table>

### 5. COST FOR DECISION MAKING

<table>
<thead>
<tr>
<th>Description:</th>
<th>Concept of cost. Types of costs. Analysis of costs: margin, breakeven and operative leverage. Valuation of inventories. Relevant costs for making decisions. Operating decisions in low and high capacity.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related activities:</td>
<td>6, 10, 11, 12</td>
</tr>
<tr>
<td>Specific objectives:</td>
<td>1, 4</td>
</tr>
<tr>
<td>Learning time:</td>
<td>11h</td>
</tr>
<tr>
<td>Theory classes:</td>
<td>4h 30m</td>
</tr>
<tr>
<td>Practical classes:</td>
<td>1h 30m</td>
</tr>
<tr>
<td>Self study:</td>
<td>5h</td>
</tr>
</tbody>
</table>

### 6. FINANCIAL DECISIONS

<table>
<thead>
<tr>
<th>Description:</th>
<th>Funding sources of the company. Bank funding and other financial tools. Concept of capital cost. Cost of financial resources. Determination of the cost of own and foreign resources.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related activities:</td>
<td>7, 8, 10, 11, 12</td>
</tr>
<tr>
<td>Specific objectives:</td>
<td>1, 3, 4</td>
</tr>
<tr>
<td>Learning time:</td>
<td>5h 30m</td>
</tr>
<tr>
<td>Theory classes:</td>
<td>3h</td>
</tr>
<tr>
<td>Practical classes:</td>
<td>0h 30m</td>
</tr>
<tr>
<td>Self study:</td>
<td>2h</td>
</tr>
</tbody>
</table>
7. INVESTMENT DECISIONS

**Description:**
Investment concept, types of investment and investment process. Evaluation techniques and investment selection.

**Related activities:**
7, 8, 10, 11, 12

**Specific objectives:**
1, 3, 4

**Learning time:** 9h 30m  
- Theory classes: 3h  
- Practical classes: 2h 30m  
- Self study: 4h

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8. STRATEGIC MANAGEMENT

**Description:**

**Related activities:**
9, 10, 11, 12

**Specific objectives:**
1, 2, 3

**Learning time:** 6h 30m  
- Theory classes: 1h 30m  
- Practical classes: 1h 30m  
- Self study: 3h 30m

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9. COMERCIAL DECISIONS

**Description:**

**Related activities:**
10, 11, 12

**Specific objectives:**
1, 3

**Learning time:** 3h  
- Theory classes: 1h 30m  
- Self study: 1h 30m
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Qualification system

Final exam (35% test and 40% problems)  
Continuous evaluation at class (20%)  
Class Participation (5%)  

The qualification of the reassessment exam will replace the mark of the written examination.  
Students who have made the final examination and have not passed the subject, they can make the reassessment exam.

Regulations for carrying out activities

They will be given at the beginning of each course.

Bibliography

Basic:


Complementary:

