Course guide
240EI525 - 240EI525 - Business and Organization Management

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

Degree:
MASTER'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2012). (Optional subject).
MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Compulsory subject).
MASTER'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2019). (Optional subject).

Academic year: 2022  ECTS Credits: 4.5  Languages: Catalan, Spanish

LECTURER

Coordinating lecturer: Maria del Mar Casanovas Rubio

Others: Ivan Argilés Paris
        Jasmina Berbegal Mirabent
        Maria del Mar Casanovas Rubio
        Joan Llobet Dalmases
        Carles Martínez-Marí Agell
        Maria Olivé Figa
        David Pàmies Millan

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

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

Generical:
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.

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.

TEACHING METHODOLOGY

Lecture
Autonomous 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. To 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>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours medium group</td>
<td>13.5</td>
<td>12.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>27.0</td>
<td>24.00</td>
</tr>
<tr>
<td>Self study</td>
<td>72.0</td>
<td>64.00</td>
</tr>
</tbody>
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Total learning time: 112.5 h

CONTENTS

1. OWNERSHIP, MANAGEMENT AND CORPORATE GOVERNANCE

Description:

Specific objectives:
1, 2

Related activities:
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 8h 20m
Theory classes: 3h
Self study: 5h 20m
2. STRATEGIC MANAGEMENT

Description:

Specific objectives:
1, 2, 3

Related activities:
1. PRACTICAL ACTIVITY ON STRATEGIC MANAGEMENT
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 8h 20m
Theory classes: 1h 30m
Practical classes: 1h 30m
Self study: 5h 20m

3. FINANCIAL STATEMENTS

Description:

Specific objectives:
1, 2

Related activities:
2. PRACTICAL ACTIVITY ON FINANCIAL STATEMENTS
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 16h 40m
Theory classes: 4h 30m
Practical classes: 1h 30m
Self study: 10h 40m
4. ECONOMIC AND FINANCIAL ANALYSIS

Description:

Specific objectives:
1, 4, 5

Related activities:
3. PRACTICAL ACTIVITY ON ECONOMIC AND FINANCIAL ANALYSIS
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 16h 40m
Theory classes: 4h 30m
Practical classes: 1h 30m
Self study: 10h 40m

5. FINANCIAL PLANNING AND BUDGETING

Description:
Provisional accounts. Budgeting. Budget of liquid assets

Specific objectives:
1, 4

Related activities:
4. PRACTICAL ACTIVITY ON BUDGETING
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 8h 20m
Theory classes: 1h 30m
Practical classes: 1h 30m
Self study: 5h 20m
6. COST FOR DECISION MAKING

Description:
Concept of cost. Types of costs. Analysis of costs: margin, breakeven and operative leverage. Valuation of inventories. Relevant costs for decision making. Operating decisions in low and high capacity.

Specific objectives:
1, 4

Related activities:
5. PRACTICAL ACTIVITY ON COSTS FOR DECISION MAKING (I)
6. PRACTICAL ACTIVITY ON COSTS FOR DECISION MAKING (II)
10. LECTURES
11. CONTINUOS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 20h 50m
Theory classes: 4h 30m
Practical classes: 3h
Self study: 13h 20m

7. INVESTMENT DECISIONS

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

Specific objectives:
1, 3, 4

Related activities:
7. PRACTICAL ACTIVITY ON INVESTMENT DECISIONS
8. PRACTICAL ACTIVITY ON INVESTMENT DECISIONS AND FINANCING
10. LECTURES
11. CONTINUOS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 10h 25m
Theory classes: 2h 15m
Practical classes: 1h 30m
Self study: 6h 40m
8. FINANCIAL DECISIONS

Description:
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.

Specific objectives:
1, 3, 4

Related activities:
7. PRACTICAL ACTIVITY ON INVESTMENT DECISIONS
8. PRACTICAL ACTIVITY ON INVESTMENT DECISIONS AND FINANCING
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 10h 25m
Theory classes: 2h 15m
Practical classes: 1h 30m
Self study: 6h 40m

9. COMMERCIAL MANAGEMENT

Description:

Specific objectives:
1, 3

Related activities:
9. PRACTICAL ACTIVITY ON COMMERCIAL MANAGEMENT
10. LECTURES
11. CONTINUOUS EVALUATION DURING THE COURSE
12. FINAL EXAM

Full-or-part-time: 12h 30m
Theory classes: 3h
Practical classes: 1h 30m
Self study: 8h

GRADING SYSTEM

Continuous evaluation in class (30%)
Final exam (30% test and 40% Problems)
Subject mark = MAX [30% Continuous evaluation + 70% Exam, 100% Exam]

In case of taking the reassessment exam:
Subject mark = MAX [30% Continuous evaluation + 70% Reassessment exam, 100% Reassessment exam]

EXAMINATION RULES.

Notes are not allowed during the continuous evaluations in class or during the test of the final exam.
In order to solve the problems of the final exam, a piece of paper of DIN A4 size with notes written in both sides can be used.
BIBLIOGRAPHY

Basic:

Complementary: