



Course guide

205111 - 205111 - Strategy and Marketing

Last modified: 02/04/2024

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 732 - OE - Department of Management.

Degree: MASTER'S DEGREE IN TECHNOLOGY AND ENGINEERING MANAGEMENT (Syllabus 2016). (Optional subject).

Academic year: 2024 **ECTS Credits:** 7.5 **Languages:** English

LECTURER

Coordinating lecturer: Anna Solans

Others: Anna Solans

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

CE01-MEM. The ability to describe the main management theories.

CE03-MEM. The ability to optimise problems and systems using mathematical models and make decisions in conditions of uncertainty.

CE04-MEM. The ability to apply theoretical and fundamental principles of technology and engineering business management in conditions of uncertainty.

CE05-MEM. The ability to analyse the need for physical and financial resources in process and project management in technological settings.

CE08-MEM. The ability to evaluate the results of process and project development in technological settings subject to levels of process uncertainty.

CE09-MEM. The ability to include aspects of internationalisation in decision making.

Transversal:

CT1a. ENTREPRENEURSHIP AND INNOVATION: Being aware of and understanding how companies are organised and the principles that govern their activity, and being able to understand employment regulations and the relationships between planning, industrial and commercial strategies, quality and profit.

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.

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

CT4. EFFECTIVE USE OF INFORMATION RESOURCES: Managing the acquisition, structuring, analysis and display of data and information in the chosen area of specialisation and critically assessing the results obtained.

CT5. FOREIGN LANGUAGE: Achieving a level of spoken and written proficiency in a foreign language, preferably English, that meets the needs of the profession and the labour market.

Basic:

CB6. Knowledge and understanding that provides a basis or opportunity for originality in the development and/or application of ideas, often in a research context.

CB7. METMF_The ability to apply the knowledge and problem-solving skills acquired in new or unfamiliar environments within wider (or multidisciplinary) contexts related to the area of study.

CB8. METMF_The ability to integrate knowledge and deal with the complexity of making judgements on the basis of information that, albeit incomplete or limited, includes thoughts on the role played by social and ethical responsibility in the application of knowledge and judgement.

CB9. METMF_The ability to communicate conclusions, and the knowledge and reasons that ultimately sustain these conclusions, to specialised and lay audiences in a clear and unambiguous way.

CB10-METP. Learning abilities that will enable students to keep studying in a largely self-directed or independent manner.

TEACHING METHODOLOGY

Lecture: Lecturers present concepts, principles and techniques, with the active participation of students.

Problem Based Learning: Lecturers and students resolve exercises and standard problems through specific techniques related to the theoretical contents and principles of the course.

Project Based learning: Students resolve complex problems through specific techniques related to the theoretical contents and principles of the course.

Self-study: Students diagnose their learning needs, in collaboration with the lecturers, and plan their own learning process.

LEARNING OBJECTIVES OF THE SUBJECT

The objective of this course is to introduce how to assess market opportunities as well as develop and implement corporate and marketing strategies through the learning of theory and practice of strategy and marketing. Materials from a variety of sources and settings will be provided to students.

STUDY LOAD

Type	Hours	Percentage
Hours medium group	30,0	16.00
Self study	127,5	68.00
Hours large group	30,0	16.00

Total learning time: 187.5 h



CONTENTS

Module 1: Strategy

Description:

The Concept of Strategy
Types of generic strategies
External and internal analysis
Swot Analysis
VMOSA (Vision, Mission, Objectives, Strategies, and Action Plans)

Specific objectives:

The goal of this module is to introduce the concept and main features of corporate strategy as well as learn how to develop an external and internal analysis, identify the competitive advantages and core competences, define the objectives and implement it in practice.

Related activities:

Distance and in-class activities
Group project
Assessments along the course

Full-or-part-time: 34h

Theory classes: 4h
Practical classes: 10h
Self study : 20h

title english

Description:

The marketing Plan
Core concepts
Segmentation Process
Selecting the Target Market
Positioning

Specific objectives:

The goal of this module is to connect the corporate and marketing strategy as well as introduce the main tools to analyze the market and consumer behavior.

Related activities:

Distance and in-class activities
Group project
Assessments along the course

Full-or-part-time: 40h

Theory classes: 8h
Practical classes: 8h
Self study : 24h



Module 3: Operational Marketing

Description:

What is marketing mix?
Product policy
Price policy
Distribution policy
Promotion policy
The Product Life cycle

Specific objectives:

The goal of this module is to learn to implement the strategic plan using the marketing-mix tools.

Related activities:

Distance and in-class activities
Group project
Assessments along the course

Full-or-part-time: 47h 20m

Theory classes: 12h
Practical classes: 10h
Self study : 25h 20m

GRADING SYSTEM

The final grade depends on the following three elements:

- * 40%, Distance and in-class activities
- * 30%, Group project (report and dissertation)
- * 30%, Assessments along the course

BIBLIOGRAPHY

Basic:

- Nou llibre.