Universidad Zaragoza

Year : 2020/21

29832 - Business Management and Organization

Syllabus Information

Academic Year: 2020/21
Subject: 29832 - Business Management and Organization
Faculty / School: 110 - Escuela de Ingeniería y Arquitectura
326 - Escuela Universitaria Politécnica de Teruel
Degree: 440 - Bachelor's Degree in Electronic and Automatic Engineering
444 - Bachelor's Degree in Electronic and Automatic Engineering
ECTS: 6.0
Year: 4
Semester: Second semester
Subject Type: Compulsory
Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

This is a 6 ECTS course, one-semester length. The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented such as lectures, resolution of problems and the development of a project.

4.2.Learning tasks

The course includes 6 ECTS organized according to:

- Lectures (1.8 ECTS): 45 hours.
- Laboratory sessions (0.32 ECTS): 8 hours.
- Guided assignments (0.98 ECTS): 24 hours.
- Autonomous work (3.0 ECTS): 75 hours.
- Tutorials

Lectures: the professor will explain the theoretical contents of the course and solve illustrative applied problems. These problems and exercises can be found in the problem set provided at the beginning of the semester. Lectures run for 3 weekly hours. Although it is not a mandatory activity, regular attendance is highly recommended.

Laboratory sessions: sessions will take place every 2 weeks (4 sessions in total at EINA and 5 at EUPT) and last 2.0 hours

each. Students will work together in groups actively doing tasks such as practical demonstrations, measurements, calculations, and the use of graphical and analytical methods.

Guided assignments: students will complete assignments, problems and exercises related to concepts seen in laboratory sessions and lectures. They will be submitted at the beginning of every laboratory sessions to be discussed and analyzed. If assignments are submitted later, students will not be able to take the assessment test.

Autonomous work: students are expected to spend about 75 hours to study theory, solve problems, prepare lab sessions, and take exams.

Tutorials: the professor's office hours will be posted on the degree website to assist students with questions and doubts. It is beneficial for the student to come with clear and specific questions.

4.3.Syllabus

CAMPUS ZARAGOZA

PART I. STRATEGIC MANAGEMENT:

Strategic Analysis. Strategy Planning and Implementation.

Part II. OPERATIONS AND HUMAN RESOURCE MANAGEMENT:

Introduction to Operations Management.

Industrial Location Decisions.

Production Processes and Plant Distribution Analyses.

Work Organization and Occupational Risk Prevention.

Integrated Production Management Systems.

Operations Programming and Control.

Supply Logistics.

Distribution Logistics.

Quality in Operations.

CAMPUS TERUEL

PART I. STRATEGIC MANAGEMENT. Strategic Analysis. Strategy Planning and Implementation. Competitive dynamics; Technological innovation. Organizational structure; Management systems.

PART II. MANAGEMENT AND ORGANIZATION OF HUMAN RESOURCES. Strategic management of human resources. Work organization.

PART III. OPERATIONS MANAGEMENT. Introduction to Operations Management. Quality in Operations. Location and distributions decisions. Integrated production management systems, planning and programming. Operations programming and control. Logistics and supply chain management.

4.4.Course planning and calendar

Three classroom hours per week (15 weeks) that include lectures and resolution of problems. The student will also have 4 lab classrooms of 2 hours each (8 hours total) (5 classrooms in Campus Teruel) and he/she will carry out a firm development project (oriented by his/her teacher), with a final oral presentation.

4.5.Bibliography and recommended resources