

## 30622 - Production Management

### Syllabus Information

**Academic year:** 2023/24

**Subject:** 30622 - Production Management

**Faculty / School:** 109 - Facultad de Economía y Empresa

**Degree:** 432 - Joint Law - Business Administration and Management Programme

**ECTS:** 6.0

**Year:** 5

**Semester:** First semester

**Subject type:** Compulsory

**Module:**

### 1. General information

The main goal of this subject is that the student learns the tools to carry out the management and administration of the production area of the organizations. These approaches and goals are aligned with the Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 (<https://www.un.org/sustainabledevelopment/es/>), specifically, the activities planned in the subject will contribute to the achievement of goals 4.3, 4.4, 4.5, 4.7, 8.6, 9.2, 12.6, 17.10

In order to take the Production Management subject, regular attendance to classes and the completion of activities proposed throughout the semester are recommended. This subject is based on the knowledge of the area of Production taught in Fundamentals of Business Administration and Management

### 2. Learning results

By taking and passing the course, students will be able to:

- To know the theoretical concepts of Production Management: definition of terms, alternatives for decision making, problem solving models.
- Solve problems and cases of each one of the aspects of the direction, management and administration of the functional area of production, both individually and globally and related to other subjects.
- Issue reports on complex situations affecting the production area of real companies or simulating reality.

### 3. Syllabus

Unit 1.- Introduction to Operations Management

Unit 2.- Production systems

Unit 3- Capacity of the production facilities

Unit 4- Location of installations.

Unit 5.- Quality

Unit 6.- Project scheduling.

Unit 7.- Supply chain.

Unit 8- Inventories.

### 4. Academic activities

**Theoretical classes:** theoretical explanations of the contents of the subject will be given, they will be put in context with real and current situations in companies and participation and feedback will be encouraged with tests to determine the student's understanding of the theoretical contents of the subject.

**Practical classes:** they allow to put into practice the knowledge acquired in the theoretical classes and the students' ability to solve practical exercises and cases, or the search for information and preparation of the management report. It is essential to

master the theory to be able to understand them properly. It is recommended that students take notes of the comments and explanations given by the teachers, and not only of the numerical solution of the practical exercises.

**Master classes:** 30 hours

**Practical classes:** 30 hours

**Personal Study:** 88 hours

**Assessment tests:** 2h

6 ECTS = 150 hours

In principle, the teaching methodology and its assessment is planned to be based on face-to-face classes. However, if

circumstances so require, they may be carried out online.

## 5. Assessment system

The student must show that he/she has achieved the learning results through a **GLOBAL test** that will consist of the following parts:

**Active participation in class.** This participation will consist of the delivery of the activities proposed by the teacher. With few exceptions, these activities will be conducted and collected during class, and will be related to any subject content that has been taught up to that point. Their use will respond to the needs observed by the teacher, who will use them in a consistent way to be able to check the level of attention and/or comprehension of the students.

**Final test.** This test is divided into two parts. One of these parts will evaluate the acquisition of concepts and vocabulary of the subject by means of multiple-choice questions. This part will be assessed in all centers on the date indicated for the final assessment of the subject. The second part will assess the understanding of the subject through questions of development that may include theoretical, theoretical-practical questions, exercises and/or case studies. At the Zaragoza campus, this part will be assessed through an exam on the date indicated for the final assessment of the subject, with a maximum difference of 15 minutes with the beginning or end of the first part of the test. The teachers of the campuses of Huesca and Teruel will indicate at the beginning of the term whether the assessment of comprehension at these campuses will be done at through an exam on the date proposed by their centers or through a paper to be handed in on that date and time. The decision of teacher will be unique for all students and calls.

### Requirements for the valuation of each of the parts

It is mandatory for a student to deliver in due time and form at least 80% of the activities described in the section "Active participation in class" in order for this section to be part of his/her final grade. In addition, the student must obtain a grade equivalent to 50% of the total points proposed by the teacher.

It is mandatory for a student to obtain at least 4 points out of 10 in each of the parts of the final test of the subject (the weighting is 40% for the test questions and 60% for the development questions). approved parts of the final exam will not be saved between different test sessions.

The student must obtain a minimum of 5 out of 10 in the global test in order to pass

### Valuation

Once the requirements are met, the student's final grade in the subject will be calculated as the **MAXIMUM BETWEEN:**

20% active participation in class + 80% final test

100% final test

In case the student does not pass the subject, his/her grade will be calculated as the **MINIMUM BETWEEN:** 100% final test questions

100% developmental questions of the final test.

The subject will be assessed by global evaluation in the first call and by global evaluation during the second call second call.