

Academic Year/course: 2022/23

## 27534 - Production Processes Management

### Syllabus Information

**Academic Year:** 2022/23

**Subject:** 27534 - Production Processes Management

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

**Degree:** 449 - Degree in Finance and Accounting

**ECTS:** 6.0

**Year:**

**Semester:** Second semester

**Subject Type:** Optional

**Module:**

### 1. General information

### 2. Learning goals

### 3. Assessment (1st and 2nd call)

### 4. Methodology, learning tasks, syllabus and resources

#### 4.1. Methodological overview

Different teaching methods will be used in the process of teaching and learning of this subject. In the case of the lectures, expository teaching methods will be made, although they may use other didactic teaching methods seeking the involvement of students in the teaching-learning process. This second type of methods both favor interaction between teacher and student and among students themselves, and are suitable methods for the development of generic skills.

As support you will find in the ADD, basic reference materials as the Syllabus, teaching guide, presentations used by the teacher, practical scripts or different material.

#### 4.2. Learning tasks

The course includes the following learning tasks:

- Lectures: will use essentially the magisterial lesson to present the contents of the course.
- Practice sessions: can implement the knowledge acquired in the Lectures and demonstrate the ability to work in group and interpersonal communication skills. The development of practice sessions will be based on the use of the case method and solving exercises. However, you can also use other teaching methods such as analysis and discussion of readings in class.
- Individual tutorials in the office: allow a more direct and personal support to students to explain questions about course content, guide them in the study and resolution of proposed exercises or cases.
- Visits to companies for students: in order to have a realistic view of what is explained in theory, we try to arrange visits to companies with production plants.

The teaching methodology is planned to pivot around face-to-face classes. However, if necessary for health reasons, face-to-face classes may be taught online.

#### 4.3. Syllabus

The course will address the following topics:

- Topic 1. PRODUCTION PROCESS AND ITS CHOICE
- Topic 2. LOCATION STRATEGIES
- Topic 3. LAYOUT STRATEGIES
- Topic 4. CAPACITY AND EFFICIENCY. ECONOMIC IMPLICATIONS
- Topic 5. HUMAN RESOURCES IN THE PRODUCTION PROCESS
- Topic 6. PRODUCTION PLANNING AND PROGRAMMING
- Topic 7. SUPPLY CHAIN AND INVENTORY MANAGEMENT
- Topic 8. QUALITY MANAGEMENT

#### 4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Faculty of Economics and Business website (<https://econz.unizar.es/>)

Schedule sessions and presentation of works.

Lectures	2-hour sessions per week	1,2
Practice sessions	2-hour sessions per week	1,2
<b>OTHER ACTIVITIES</b>		<b>3,6</b>
Final exam	1 exam 2,5 hours	0,1
Autonomous work, includes test preparation	87,5 hours	3,5

Considering 15 weeks