



## PRODUCTION MANAGEMENT

**COORDINATION**  
ASWORTH, CIAN

**ACADEMIC YEAR**  
2023-2025

### SUBJECT GENERAL INFORMATION

Subject name	PRODUCTION MANAGEMENT			
Code	4SEM-GB-SUB2			
Typology	4th semester. Continued evaluation.			
Course number of credits (ECTS)	3			
Type of activity, credits, and groups	<i>Degree</i>	<i>Course</i>	<i>Character</i>	<i>Modality</i>
	<i>Joint Master Degree in Leather Technology</i>	<i>1</i>	<i>Compulsory</i>	<i>Blended learning</i>
Coordination	ASWORTH, CIAN			
University	ITECH			
Language	English			

## LEARNING OBJECTIVES

- 1- Knowledge of production management techniques, continuous improvement and maintenance management in a highly competitive context.
- 2- An analytical and synthesising frame of mind in order to obtain the best results by including human, economical and industrial constraints.
- 3- To measure industrial performances and improve in a structured and thought over manner whilst keeping a performing management.

## LEARNING OUTCOMES

### Basic

CB07 That students have the learning skills that allow them to continue studying in a way that will be largely self- directed or autonomous.

### General

CG02. Technically and economically manage projects, facilities, plants, companies and technology centres.

CG04. Lead, plan and supervise multidisciplinary teams

### Specific

CE10. Design strategic planning and apply it to production, quality and environmental management systems in the field of leather engineering.

## SUBJECT CONTENT

### 1. INTRODUCTION

- 1.1. The context of production management
- 1.2. Production management in a company
- 1.3. Production management and fluxes
- 1.4. Production management and the financial aspect
- 1.5. Production management and the human aspect

### 2. IMPLEMENTING PRODUCTION MEANS

- 2.1. Typology of production
- 2.2. Different organization of production
- 2.3. Analyzing methods

### 3. FROM THE ORDER TO THE DELIVERY

- 3.1. The flux of an order
- 3.2. Management of stocks and of constraints
- 3.3. Management of resources of production
- 3.4. Functions, documents and technical data

### 4. CONTINUOUS IMPROVEMENT

- 4.1. 4 methods to put together on the ground (Six SIGMA)
- 4.2. Visual management
- 4.3. Performance measurements

### 5. MAINTENANCE AND AWARENESS OVER CONTROLLING EQUIPMENT

- 5.1. Why maintenance and its missions
- 5.2. The role of maintenance
- 5.3. The different types of maintenance
- 5.4. The economical aspect
- 5.5. Maintenance workload
- 5.6. Development of maintenance
- 5.7. Controlling equipment
- 5.8. Optimization of the efficiency of the equipment

## METHODOLOGY

### THEORY CLASSES

Expository lectures: by the teacher, with the explanation of concepts, materials and work plan.  
Support material: Course notes and relevant bibliography.

## EVALUATION

Exam 1	100%
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