

## DETAILED PROGRAMME

<b>Prof. Alessandro Pietrogiacomì</b>	
<b>TITLE:</b> Production Management and Logistic Systems	<b>CFU:</b> 9
<b>SSD:</b> SECS-P/08	<b>A.A.:</b> 2024-2025
<b>COURSE:</b> Economics, Management, and Business Law – Latina Campus	<b>SEMESTER:</b> II

### EDUCATIONAL OBJECTIVES:

- **Knowledge and Understanding:** Students will gain theoretical and practical insights into managing supply chains within complex industrial organizations.
- **Applying Knowledge and Understanding:** Students will be able to implement the concepts discussed.
- **Making Judgement:** Students will develop interpretative and decision-making skills relevant to business management.
- **Communication Skills:** Students will enhance their ability to communicate effectively.
- **Learning Skills:** Students will be capable of understanding and adopting experimental innovations in the business sector.

## PROGRAMME

The course will cover the following topics:

### A) Production Module:

- Conceptual framework of production systems.
- Product design.
- Production planning.
- Selection of technological structures.
- Reducing production timelines and improving the quality of production plans.

### B) Business Logistics Module:

- The logistics process.
- Specific logistics structures.
- Logistics sub-systems.
- Governance of logistics.

### C) Organization of Multiplant Companies Module:

- The role of production sites in a complex economy.
- Capacity markets.
- Competitive positioning.
- Relationships with local territories.

Updated case studies will be included.

**REFERENCE TEXTS:**

- SILVESTRELLI S., *Il vantaggio competitivo nella produzione industriale*, Giappichelli, 2003.
- QUATTROCIOCCHI B., *Il sito produttivo tra gerarchia, mercato e territorio*, Cedam, 2012.

**TEACHING METHODOLOGY:**

The course will utilize various teaching tools, including lectures, exercises, case discussions, and guest speakers.

**COURSE ATTENDANCE:**

Attendance is not mandatory but highly recommended.

**ASSESSMENT METHODS:**

Students may refer to the slides available on the professor's webpage. The exam will be oral and will evaluate the student's understanding of the topics outlined in the programme.