

## DETAILED PROGRAMME

<b>Prof. Francesco Mercuri</b>	
<b>TITLE:</b> Production management e logistic systems	<b>CFU:</b> 9
<b>SSD:</b> SECS-P/08	<b>A.A.: 2023-2024</b>
<b>COURSE:</b> Economia, management e diritto d'impresa – sede di Latina	<b>SEMESTER:</b> II

### **EDUCATIONAL OBJECTIVES:**

Knowledge and understanding: students will be able to learn theoretical and practical elements to manage the supply chain, which can be adopted within the complex industrial organizations.

Applying knowledge and understanding: students will be able to apply the cited documents.

Making judgement: students will develop interpretative and decision-making skills related to business management.

Communication skills: students will develop communication skills.

Learning skills: students will be able to learn experimental innovations in the business sector.

### **PROGRAMME**

The course will analyse the following issues:

#### A) Production module:

- Conceptual scheme of production system;
- Design of the product;
- Production planning;
- The choice of technological structure;
- Reduction of the timing and improve the quality of the production plan;

#### B) Business logistics module:

- The logistic process.
- The specific logistics structure.
- The logistic sub-system.
- The logistics government.

#### C) Organization of multiplant companies module:

- The production site in the economy of complexity.

- The capacity market.
- Competitive positioning.
- The relationship with the territory.

Updated cases history are planned.

#### **REFERENCE TEXTS:**

SILVESTRELLI S., Il vantaggio competitivo nella produzione industriale, Giappichelli, 2003.

QUATTROCIOCCHI B., Il sito produttivo tra gerarchia, mercato e territorio, Cedam, 2012.

#### **DIDACTIC METHOD**

The course will make use of multiple teaching tools: lectures, exercises, discussion of cases and testimonials.

#### **COURSE ATTENDANCE**

Attendance to the course is not mandatory, but it is strongly recommended.

#### **METHODS OF TESTING:**

Student may also consider the slide published on the professor's web page.

The exam will be oral and will assess knowledge of topics indicated in the programme.