

MANAGEMENT ENGINEERING (LM54)

(Lecce - Università degli Studi)

Teaching SUPPLY CHAIN MANAGEMENT

GenCod A004629

Owner professor MARIA GRAZIA GNONI

Teaching in italian SUPPLY CHAIN MANAGEMENT

Teaching SUPPLY CHAIN MANAGEMENT

SSD code ING-IND/17

Reference course MANAGEMENT ENGINEERING

Course type Laurea Magistrale

Credits 9.0

Teaching hours Ore-Attività-frontale: 81.0

For enrolled in 2022/2023

Taught in 2023/2024

Course year 2

Language INGLESE

Curriculum Percorso comune

Location Lecce

Semester Primo-Semestre

Exam type Orale

Assessment Voto-Finale

Course timetable
<https://easyroom.unisalento.it/Orario>

BRIEF COURSE DESCRIPTION

- Introduction about production systems: push, pull and lean systems.
- Internal Logistics and material handling systems: replenishment models design, warehouse systems design, handling systems design.
- External logistics systems: supply chain structures (mono-channel, multi-channel, etc.), distribution models (cross-docking, inventory pooling, etc.), supply chain design (agile versus lean), reverse logistics.
- Business game development and case study analysis.

REQUIREMENTS

No mandatory requirement

COURSE AIMS

The course aims to provide knowledge about design and management of sustainable internal and external logistics systems

TEACHING METHODOLOGY

Classroom lessons, seminars

ASSESSMENT TYPE

Final oral exam and/or intermediate voluntary exam

FULL SYLLABUS

- Introduction about production systems: push, pull and lean systems.
- Internal Logistics and material handling systems: replenishment models design, warehouse systems design, handling systems design.
- Business game development (The Beer Game) and case study analysis.
- Industrial visits and seminars.

REFERENCE TEXT BOOKS

Logistica integrata e flessibile. Per i sistemi produttivi dell'industria e del terziario. Con applicazioni numeriche e progettuali. A. Pareschi, edizioni Esculapio