

ENGINEERING FOR SAFETY OF CRITICAL INDUSTRIAL AND CIVIL

(Lecce - Università degli Studi)

Teaching

GenCod A007239

Owner professor

Reference professor for teaching
CLAUDIO PETTI

Teaching in italian ENTERPRISE RISK ASSESSMENT AND MANAGEMENT

Teaching

SSD code SECS-P/06

Reference course ENGINEERING FOR SAFETY OF CRITICAL INDUSTRIAL AND

Course type Laurea Magistrale

Credits 3.0

Teaching hours Front activity hours: 27.0

For enrolled in 2024/2025

Taught in 2024/2025

Course year 1

Language

Curriculum CIVIL INFRASTRUCTURES

Location Lecce

Semester First Semester

Exam type

Assessment

Course timetable

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

BRIEF COURSE DESCRIPTION

The course aims at providing students with an adequate knowledge of the tools of economics as applied to business strategies and industrial policy, with the ultimate goal of identifying the elements useful in defining resilient business strategies and related policies.

To this end, students will address the link between technological change, market structures, firm strategies and economic performance; the analysis of the dynamics of specific production sectors and markets in light of industrial and energy transitions; the strategic behavior of the firm in highly dynamic international markets; the identification and assessment of political, geo-political, commercial, supply and sustainability-related risk factors; and the systemic risks of the macro-environment in which the firm operates or intends to operate its facilities.

The course is structured into three modules: 1) Economics and Strategy; 2) Enterprise Strategies and 3) International Risk Analysis

REQUIREMENTS

The course foresees the provision of the concepts and tools useful for following and performing the planned activities successfully. To this end, prior knowledge of basic economics concepts is useful.

COURSE AIMS

The course plans to provide students with:

- an understanding of the basic concepts of industrial and enterprise economics and their application to enterprises strategic behaviors and choices, with particular reference to innovation and international environments.
- the acquisition of knowledge and methods to identify risks to firms international activity and apply them to the analysis of the systemic risks of the macro-environment in which the firm operates or intends to operate its facilities.

TEACHING METHODOLOGY

The course will have a monographic and highly interactive approach with theoretical lectures based on and accompanied by cases analysis and a project work aimed at putting into practice the main concepts and methodological tools provided.

ASSESSMENT TYPE

The exam is based on the preparation of a presentation to be presented and discussed with the lecturer.

REFERENCE TEXT BOOKS

Presentations and other Teaching Materials provided by the Lecturer