



Visiting Professor Program Academic Year 2024/2025

TEACHING COMMITMENT: 14 hours

COURSE TITLE

Operations Management

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

SECS-P/13 - Commodity science

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The course deals with the principal phases of the processes for the production of goods and/or the realization of services, with particular reference to technical aspects, effectiveness-efficiency of the processes, (human and material) resources and stakeholder satisfaction.

Operations management includes different processes and a high level of interfunctional integration.

In particular the course is articulated in the following parts:

- strategy, products and capacity;
- design of products and services;
- manufacturing and service processes;
- process design and analysis;
- total quality management;
- Six Sigma approach and methodology;
- productive capacity management;

- lean production system;
- material requirements planning.

LEARNING OBJECTIVES

The achievement of an adequate grade of knowledge about technical and managerial aspects with reference to processes for the production of goods and/or services focused on the improvement in productivity and to the establishment of competitive advantage in business. The course aims to complete the student's training with useful notions and tools (e.g. organisation of production, process management etc.) to delve into the technological aspects of production, which are indispensable for a better understanding of how businesses operate.

VISITING PROFESSOR PROFILE

The Visiting Professor should have experience in teaching activities in international Bachelor and/or Master's Degrees in the field of Operations Management, with a focus on automation of industrial and service processes.

CONTACT REFERENT

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