



Course guide

2400207 - 240MEI60 - Quantitative Methods in Industrial Scheduling

Last modified: 09/07/2025

Unit in charge: Barcelona School of Industrial Engineering
Teaching unit: **Degree:** MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2025). (Optional subject).

Academic year: 2025 **ECTS Credits:** 10.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Amaia Lusa Garcia
Others: Amaia Lusa Garcia
 Antonin Sebastien Ponsich

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

Type	Hours	Percentage
Laboratory classes	90,0	100.00

Total learning time: 90 h

CONTENTS

title english

Description:

content english

Full-or-part-time: 55h

Practical classes: 20h

Self study : 35h

title english

Description:

content english

Full-or-part-time: 26h 40m

Practical classes: 10h

Self study : 16h 40m



title english

Description:

content english

Full-or-part-time: 83h 20m

Practical classes: 30h

Guided activities: 30h

Self study : 23h 20m

title english

Description:

content english

Full-or-part-time: 83h 20m

Practical classes: 30h

Guided activities: 30h

Self study : 23h 20m

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- Corominas Batlle, Arnau ; Benedito Benet, Ernesto ; Domenech Lega, Bruno ; Fossas Colet, Enric ; Villorina García, Aberto ; Lusa García, Amaia ; Pastor Moreno, Rafael. Técnicas de optimización [on line]. Dextra, 2021 [Consultation: 08/04/2026]. Available on: https://www-ingebook-com.recursos.biblioteca.upc.edu/ib/NPcd/IB_BooksVis?cod_primaria=1000187&codigo_libro=10934. ISBN 9788417946531.