



Course guide

220609 - 220609 - Transport Logistics and Storage

Last modified: 02/04/2024

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 707 - ESAII - Department of Automatic Control.

Degree: MASTER'S DEGREE IN AUTOMATIC SYSTEMS AND INDUSTRIAL ELECTRONICS (Syllabus 2012). (Optional subject).

Academic year: 2024 **ECTS Credits:** 5.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Rita Maria Planas Dangla

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Transversal:

3. TEAMWORK. Being able to work as a team player, either as a member or as a leader. Contributing to projects pragmatically and responsibly, by reaching commitments in accordance to the resources that are available.
4. EFFECTIVE USE OF INFORMATION RESOURCES. Managing the acquisition, structure, analysis and display of information from the own field of specialization. Taking a critical stance with regard to the results obtained.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

Type	Hours	Percentage
Hours large group	31,0	24.80
Hours small group	14,0	11.20
Self study	80,0	64.00

Total learning time: 125 h

CONTENTS

(ENG) Introducció: Magatzems i Sistemes de Transport intel·ligents

Full-or-part-time: 4h

Theory classes: 2h

Self study : 2h

(ENG) Disseny físic de magatzems

Full-or-part-time: 12h

Theory classes: 5h

Self study : 7h

(ENG) Gestió de magatzems i control de stocks

Full-or-part-time: 23h

Theory classes: 4h

Laboratory classes: 4h

Self study : 15h

(ENG) Anàlisi de costos: Millora de magatzems

Full-or-part-time: 11h

Theory classes: 4h

Self study : 7h

(ENG) Sistemes de Transport Intel.ligent

Full-or-part-time: 6h

Theory classes: 2h

Self study : 4h

(ENG) Dimensionat de flotes i definició de layouts

Full-or-part-time: 21h

Theory classes: 5h

Laboratory classes: 2h

Self study : 14h

(ENG) Models d'optimització per problemes de transport

Full-or-part-time: 39h

Theory classes: 5h

Laboratory classes: 8h

Self study : 26h

(ENG) Gestió dels sistemes de transport

Full-or-part-time: 9h

Theory classes: 4h

Self study : 5h



ACTIVITIES

(ENG) CLASSES DE TEORIA

Full-or-part-time: 58h

Theory classes: 22h

Self study: 36h

(ENG) EXAMEN FINAL

Full-or-part-time: 13h

Self study: 10h

Theory classes: 3h

(ENG) PRÀCTIQUES

Full-or-part-time: 34h

Laboratory classes: 14h

Self study: 20h

(ENG) TREBALL EN GRUP

Full-or-part-time: 20h

Theory classes: 6h

Self study: 14h

GRADING SYSTEM

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EXAMINATION RULES.

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