Course guide
220609 - 220609 - Transport Logistics and Storage

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: 2023 ECTS Credits: 5.0 Languages: Catalan

LECTURER
Coordinating lecturer: Rita Maria Planas Dangla

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours large group</td>
<td>31.0</td>
<td>24.80</td>
</tr>
<tr>
<td>Hours small group</td>
<td>14.0</td>
<td>11.20</td>
</tr>
<tr>
<td>Self study</td>
<td>80.0</td>
<td>64.00</td>
</tr>
</tbody>
</table>

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 fisic 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) Anàlisis 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
- Theory classes: 3h
- Self study: 10h

### (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

- 

## EXAMINATION RULES

- 