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: 2022
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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self study</td>
<td>80.0</td>
<td>64.00</td>
</tr>
<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>
</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
<table>
<thead>
<tr>
<th>Course</th>
<th>Full-or-part-time</th>
<th>Theory classes</th>
<th>Laboratory classes</th>
<th>Self study</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ENG) Disseny fisic de magatzems</td>
<td>12h</td>
<td>5h</td>
<td></td>
<td>7h</td>
</tr>
<tr>
<td>(ENG) Gestió de magatzems i control de stocks</td>
<td>23h</td>
<td>4h</td>
<td>4h</td>
<td>15h</td>
</tr>
<tr>
<td>(ENG) Anàlisis de costos: Millora de magatzems</td>
<td>11h</td>
<td>4h</td>
<td></td>
<td>7h</td>
</tr>
<tr>
<td>(ENG) Sistemes de Transport Intel.ligent</td>
<td>6h</td>
<td>2h</td>
<td></td>
<td>4h</td>
</tr>
<tr>
<td>(ENG) Dimensionat de flotes i definició de layouts</td>
<td>21h</td>
<td>5h</td>
<td>2h</td>
<td>14h</td>
</tr>
<tr>
<td>(ENG) Models d’optimització per problemes de transport</td>
<td>39h</td>
<td>5h</td>
<td>8h</td>
<td>26h</td>
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<tr>
<td>(ENG) Gestió dels sistemes de transport</td>
<td>9h</td>
<td>4h</td>
<td></td>
<td>5h</td>
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</tbody>
</table>
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

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EXAMINATION RULES.

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