Course guide
220624 - 220624 - Photonics Sensors and Laser Technology

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 748 - FIS - Department of Physics.
Degree: MASTER'S DEGREE IN AUTOMATIC SYSTEMS AND INDUSTRIAL ELECTRONICS (Syllabus 2012). (Optional subject).
Academic year: 2022  ECTS Credits: 5.0  Languages: Catalan, Spanish, English

LECTURER

Coordinating lecturer: Ramon Vilaseca Alavedra
                     Ferran Laguarta Bertran

Others:

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 medium group</td>
<td>14,0</td>
<td>11.20</td>
</tr>
</tbody>
</table>

Total learning time: 125 h

CONTENTS

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Description:

-  

Specific objectives:

-  

Related activities:

-  

Full-or-part-time: 11h
Theory classes: 2h
Practical classes: 1h
Self study (distance learning): 8h
| Description: | |
| Specific objectives: | |
| Related activities: | |
| **Full-or-part-time:** | **25h** |
| Theory classes: | **4h** |
| Practical classes: | **2h** |
| Laboratory classes: | **3h** |
| Self study (distance learning): | **16h** |

| Description: | |
| Specific objectives: | |
| Related activities: | |
| **Full-or-part-time:** | **25h** |
| Theory classes: | **4h** |
| Practical classes: | **2h** |
| Laboratory classes: | **3h** |
| Self study (distance learning): | **16h** |

| Description: | |
| Specific objectives: | |
| Related activities: | |
| **Full-or-part-time:** | **17h** |
| Theory classes: | **3h** |
| Practical classes: | **1h** |
| Laboratory classes: | **3h** |
| Self study (distance learning): | **10h** |
Description:
content english

Specific objectives:
-

Related activities:
-

**Full-or-part-time:** 47h
Theory classes: 8h
Practical classes: 4h
Laboratory classes: 5h
Self study (distance learning): 30h

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### ACTIVITIES

**name**

Description:
-

Specific objectives:
-

Material:
-

Delivery:
-

**Full-or-part-time:** 45h
Theory classes: 20h

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**name**

Description:
-

Specific objectives:
-

Material:
-

Delivery:
-

**Full-or-part-time:** 34h
Theory classes: 7h
Laboratory classes: 2h
name english

Description:
-

Specific objectives:
-

Material:
-

Delivery:
-

**Full-or-part-time**: 17h
Laboratory classes: 12h

name english

Description:
-

Specific objectives:
-

Material:
-

Delivery:
-

**Full-or-part-time**: 29h
Theory classes: 4h

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**GRADING SYSTEM**

-

**EXAMINATION RULES.**
BIBLIOGRAPHY

Basic:

Complementary: