Course guides
230160 - SAD - Software for Distributed Applications

Unit in charge: Barcelona School of Telecommunications Engineering
Teaching unit: 744 - ENTEL - Department of Network Engineering.
Degree: BACHELOR’S DEGREE IN TELECOMMUNICATIONS TECHNOLOGIES AND SERVICES ENGINEERING (Syllabus 2015). (Optional subject).

Academic year: 2021  ECTS Credits: 6.0  Languages: Catalan

LECTURER

Coordinating lecturer: -Oller Teijon, Francesc

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Generical:
10 ECI N3. They will have acquired knowledge related to experiments and laboratory instruments and will be competent in a laboratory environment in the ICC field. They will know how to use the instruments and tools of telecommunications and electronic engineering and how to interpret manuals and specifications. They will be able to evaluate the errors and limitations associated with simulation measures and results.

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>39.0</td>
<td>26.00</td>
</tr>
<tr>
<td>Self study</td>
<td>85.0</td>
<td>56.67</td>
</tr>
<tr>
<td>Hours small group</td>
<td>26.0</td>
<td>17.33</td>
</tr>
</tbody>
</table>

Total learning time: 150 h

CONTENTS

(ENG) Tema 1. Classificació de les comunicacions.

Full-or-part-time: 16h 25m
Theory classes: 2h 15m
Laboratory classes: 4h
Self study: 10h 10m
### (ENG) Tema 2. Col·leccions d'objectes.

**Full-or-part-time:** 18h 10m  
Theory classes: 3h  
Laboratory classes: 5h  
Self study : 10h 10m

### (ENG) Tema 3. Entrada/Sortida d'informació.

**Full-or-part-time:** 9h  
Theory classes: 2h  
Laboratory classes: 2h  
Self study : 5h

### (ENG) Tema 4. Eines per al disseny de clients.

**Full-or-part-time:** 26h 20m  
Theory classes: 5h  
Laboratory classes: 6h  
Self study : 15h 20m

### (ENG) Tema 5. Disseny de servidors.

**Full-or-part-time:** 38h 35m  
Theory classes: 7h 15m  
Laboratory classes: 9h  
Self study : 22h 20m

### ACTIVITIES

- (ENG) Proves de resposta curta (Control)
- (ENG) Proves de resposta llarga (Control)
- (ENG) Exercicis
- (ENG) Pràctica de laboratori
- (ENG) Pràctica de laboratori
- (ENG) Pràctica de laboratori
(ENG) Pràctica de laboratori

(ENG) Pràctica de laboratori

(ENG) Proves de resposta llarga (Examen Final)

GRADING SYSTEM

BIBLIOGRAPHY

Basic: