Course guides
230047 - DAT - Network Application Design

Unit in charge: Barcelona School of Telecommunications Engineering
Teaching unit: 744 - ENTEL - Department of Network Engineering.
Degree: BACHELOR’S DEGREE IN NETWORK ENGINEERING (Syllabus 2010). (Compulsory subject).
BACHELOR’S DEGREE IN TELECOMMUNICATIONS SCIENCE AND TECHNOLOGY (Syllabus 2010). (Optional subject).
BACHELOR’S DEGREE IN TELECOMMUNICATIONS TECHNOLOGIES AND SERVICES ENGINEERING (Syllabus 2015). (Optional subject).

Academic year: 2020  ECTS Credits: 6.0  Languages: Catalan

LECTURER

Coordinating lecturer: -Fernandez Muñoz, Marcel

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Generical:
2. 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.

Transversal:
1. SELF-DIRECTED LEARNING - Level 3. Applying the knowledge gained in completing a task according to its relevance and importance. Deciding how to carry out a task, the amount of time to be devoted to it and the most suitable information sources.

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. Els serveis telemàtics.

**Full-or-part-time:** 22h 40m  
Theory classes: 6h  
Laboratory classes: 4h  
Self study: 12h 40m

### (ENG) Tema 2. Tecnologies de servidors HTTP convencionals.

**Full-or-part-time:** 40h 30m  
Theory classes: 10h 30m  
Laboratory classes: 7h  
Self study: 23h

### (ENG) Tema 3. Arquitectures de disseny d'aplicacions telemàtiques.

**Full-or-part-time:** 40h 30m  
Theory classes: 10h 30m  
Laboratory classes: 7h  
Self study: 23h

### (ENG) Tema 4. Tècniques de presentació dinàmica de continguts.

**Full-or-part-time:** 22h 40m  
Theory classes: 6h  
Laboratory classes: 4h  
Self study: 12h 40m

### (ENG) Tema 5. Tecnologies basades en XML.

**Full-or-part-time:** 22h 40m  
Theory classes: 6h  
Laboratory classes: 4h  
Self study: 12h 40m

## ACTIVITIES

### (ENG) Exercicis

### (ENG) Pràctica de laboratori

### (ENG) Pràctica de laboratori
GRADING SYSTEM

BIBLIOGRAPHY

Basic:

Complementary: