Course guide
230318 - PROJ-ICT4D - Cooperation Project with Wifi Technologies

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).
BACHELOR’S DEGREE IN ELECTRONIC ENGINEERING AND TELECOMMUNICATION (Syllabus 2018). (Optional subject).

Academic year: 2022    ECTS Credits: 2.0    Languages: Catalan

LECTURER

Coordinating lecturer: Consultar aquí / See here: https://telecos.upc.edu/ca/estudis/curs-actual/professorat-responsables-coordinadors/responsables-assignatura
Others: Consultar aquí / See here: https://telecos.upc.edu/ca/estudis/curs-actual/professorat-responsables-coordinadors/professorat-assignat-idioma

PRIOR SKILLS

knowledge of IP networking and wireless technologies, but if not, the content taught in the seminar is sufficient to carry out the objectives of the course.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

Understand how ICT can be key projects Cooperation Desenvolpament through the preparation of a project proposal with the implementation of laboratory technologies.

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours small group</td>
<td>20,0</td>
<td>40.00</td>
</tr>
<tr>
<td>Self study</td>
<td>30,0</td>
<td>60.00</td>
</tr>
</tbody>
</table>

Total learning time: 50 h
CONTENTS

Session 1: Introduction to ICT4D
Description:
content english
Full-or-part-time: 4h
Laboratory classes: 4h

Session 2: Wireless technologies and project management
Description:
content english
Full-or-part-time: 4h
Laboratory classes: 4h

Session 3: Laboratory with Access Points
Description:
content english
Full-or-part-time: 4h
Laboratory classes: 4h

Session 4: Laboratory with Nano and Picostations
Description:
content english
Full-or-part-time: 4h
Laboratory classes: 4h

Session 5: Laboratory with CMS
Description:
content english
Full-or-part-time: 4h
Laboratory classes: 4h

GRADING SYSTEM