Course guides
310642 - 310642 - Hydrographic and Underground Surveying

Unit in charge: Barcelona School of Building Construction
Teaching unit: 751 - DECA - Department of Civil and Environmental Engineering.
Degree: BACHELOR'S DEGREE IN GEOINFORMATION AND GEOMATICS ENGINEERING (Syllabus 2016). (Optional subject).
Academic year: 2020 ECTS Credits: 4.5 Languages: Spanish

LECTURER

Coordinating lecturer: ANA MARIA TAPIA GOMEZ

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. (ENG) Comprendre i analitzar els problemes de implantació en el terreny de les infraestructures, construccions i edificacions projectades des de l'enginyeria en topografia, analitzar els mateixos i procedir a la seva implantació.
2. Knowledge, use and application of instruments and topographic methods appropriate for the fulfillment of raisings and surveyings.
3. Knowledge about application of the geomatic methods and techniques in the the scope of the different engineries.

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>67,5</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>27,0</td>
<td>24.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>18,0</td>
<td>16.00</td>
</tr>
</tbody>
</table>

Total learning time: 112.5 h

CONTENTS

(ENG) - Hydrographic surveying

Description:

Full-or-part-time: 15h
Theory classes: 15h
(ENG) - Underground surveying

Description:

Full-or-part-time: 15h
Theory classes: 15h

ACTIVITIES

(ENG) VISITA A OBRA

Full-or-part-time: 3h
Practical classes: 3h

(ENG) VISITA PUERTO BARCELONA

Full-or-part-time: 3h
Practical classes: 3h

GRADING SYSTEM