290643 - CONSTRPO14 - Building as Designed

Coordinating unit: 290 - ETSAV - Vallès School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology
Academic year: 2019
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Teaching unit Compulsory)
ECTS credits: 6
Teaching languages: Catalan, Spanish

Teaching staff

Coordinator: JAIME PROUS MARTÍN
Others: Primer quadrimestre:
- ALEJANDRO GAUTHIER AMIGO - 1
- JAIME PROUS MARTÍN - 1
Segon quadrimestre:
- ALEJANDRO GAUTHIER AMIGO - 1
- JAIME PROUS MARTÍN - 1

Degree competences to which the subject contributes

Specific:
- ET5G. (ENG) Aptitud per valorar les obres.
- ET17G. (ENG) Coneixement de la deontologia, l'organització col·legial, l'estructura professional i la responsabilitat civil.
- ET18G. (ENG) Coneixement dels procediments administratius i de gestió i tramitació professional.
- ET19G. (ENG) Coneixement de l'organització d'oficines professionals.
- ET20G. (ENG) Coneixement dels mètodes de mesurament, valoració i peritatge.
- ET21G. (ENG) Coneixement del projecte de seguretat i higiene en obra.
- ET22G. (ENG) Coneixement de la direcció i gestió immobiliàries.

Generical:
- CE10. (ENG) Capacidad de concepción necesaria para satisfacer los requisitos de los usuarios del edificio respetando los límites impuestos por los factores presupuestarios y la normativa sobre contrucción.

Learning objectives of the subject

Critical reasoning: analysis and assessment of different alternatives. Solve problems: analysis of optimal solutions against complex projects. Understand the specifications of a project and do the design. Study standards and standards and apply them to projects. Make a written and oral communication: selection and use of the appropriate media. Document case studies. Preparation of technical reports. Use of generic software. Be able to present the work done. Be able to do a
theoretical / practical work individually. Be able to work in a team: ability to work in an interdisciplinary environment. Manage material resources. Attend professional ethics and social sensitivity. Addressing the environmental aspects.

**Study load**

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 33h</th>
<th>22.00%</th>
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<tbody>
<tr>
<td></td>
<td>Hours medium group: 33h</td>
<td>22.00%</td>
</tr>
<tr>
<td></td>
<td>Hours small group: 0h</td>
<td>0.00%</td>
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<td></td>
<td>Guided activities: 0h</td>
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<tr>
<td></td>
<td>Self study: 84h</td>
<td>56.00%</td>
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**Content**

**Syllabus**

<table>
<thead>
<tr>
<th>Learning time: 66h</th>
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</thead>
<tbody>
<tr>
<td>Theory classes: 33h</td>
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<tr>
<td>Practical classes: 33h</td>
</tr>
</tbody>
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**Description:**
Design and construction: a construction project and building site management.

**Bibliography**