Course guide
210738 - EL - Space and Light

Unit in charge: Barcelona School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology.
Degree: MASTER'S DEGREE IN ADVANCED STUDIES IN ARCHITECTURE-BARCELONA (Syllabus 2015). (Optional subject).
Academic year: 2022  ECTS Credits: 5.0  Languages: Spanish

LECTURER

Coordinating lecturer: ISABEL CRESPO CABILLO
Others:
Primer quadrimestre:
ISABEL CRESPO CABILLO - AEMA1
Coch Roura, Helena

TEACHING METHODOLOGY

Go to Spanish or Catalan version

LEARNING OBJECTIVES OF THE SUBJECT

Go to Spanish or Catalan version

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours small group</td>
<td>30,0</td>
<td>24.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>15,0</td>
<td>12.00</td>
</tr>
<tr>
<td>Self study</td>
<td>80,0</td>
<td>64.00</td>
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</tbody>
</table>

Total learning time: 125 h
CONTENTS

Description:

Specific objectives:
To obtain a deep knowledge of light behaviour in architectonic spaces and its repercussion on their user’s perception and comfort. This course includes daylight and nightlight behaviour of buildings, and combined evaluation of natural and artificial illumination. The main objective is to make every participant able of reaching a perfect control of the analysis of light environments in architecture and its aesthetic and functional compounds. In this way, it’s expected to be able to experiment, with good academic foundations, new approaches in light environments. At the same time, it’s considered important to use properly representation techniques that fit on every case presented in the course.

Full-or-part-time: 125h
Theory classes: 15h
Laboratory classes: 30h
Self study: 80h

GRADING SYSTEM

Continuous evaluation (%) Final evaluation (%)
SE09 Individual practical exercises 60
SE07 Problem resolution tests 20
SE06 Public and oral presentation in class 20

Continuous evaluation of accomplished work, with a 20% for course's work, 60% for the final work and an additional 20% for attitude and expression capacity during the whole academic phase of the course.

Continuous telematic evaluation
In online teaching situations, continuous assessment will be carried out synchronously and asynchronously by the means established by the University and the School, with a periodic record of academic activity through submissions, forums, questionnaires or any other means facilitated by the Atenea platform, or the alternatives provided to the teaching staff. In the situations in which this telematic teaching is a product of face-to-face teaching that has already begun, or for questions of extra-academic order, the changes in the weightings or regular control systems of the teaching will be communicated in detail to all students by the Athena of each subject.

Telematic final evaluation
If the continuous telematic evaluation is not positive, a second evaluation can be carried out, which will consist of a final test of a global nature in telematic format that will be established in accordance with the criteria of the professor responsible and the media and ICTs provided by the University or School.

The measures for adaptation to non-classroom teaching will be implemented in accordance with the criteria of ICT security and personal data protection to ensure compliance with the legislation on Personal Data Protection (RGPD and LOPDGDD)

BIBLIOGRAPHY

Basic:
Complementary: