

Course guide

290636 - TAPIX14 - Architecture and Design Workshop IX

Last modified: 21/06/2023

Unit in charge: Vallès School of Architecture
Teaching unit: 735 - PA - Department of Architectural Design.
753 - TA - Department of Architectural Technology.

Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).

Academic year: 2023 **ECTS Credits:** 12.0 **Languages:** Catalan, Spanish

LECTURER

Coordinating lecturer: Mitjans Escobar, Jordi

Others:

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

ET2G. An aptitude for applying technical and building standards.

EP2G. An aptitude for solving passive environmental conditioning, including thermal and acoustic insulation, climate control, energy performance and natural lighting (T).

EP4G. The ability to conceive, execute and develop basic and detailed designs, sketches and drafts (T).

EP8G. The ability to intervene in and conserve, restore and rehabilitate built heritage (T).

EP13G. The ability to apply urban design regulations and ordinances (T).

EP19G. Adequate knowledge of ecology, sustainability and the principles of conservation of energy resources and environmental resources.

EP20G. Adequate knowledge of architectural, urban planning and landscaping traditions in Western culture, as well as their technical, climatic, economic, social and ideological foundations.

Generical:

CG5G. Knowledge of the physical problems, technologies and functions of buildings so as to provide them with comfortable indoor conditions and protection from climate factors.

CE1. An aptitude for creating architectural projects that meet both aesthetic and technical demands.

CE2. Adequate knowledge of the history of architecture and architectural theories, as well as the arts, technological and human sciences associated with architecture.

CE5. The ability to understand the relationship between people and buildings, and between buildings and their environment, and the necessity of relating buildings to the spaces between them in view of needs and human scale.

CE6. The ability to understand the profession of architecture and its social function in society, particularly by taking social factors into account in design.

CE10. A capacity for design that satisfies the requirements of the users of a building and respects the limits imposed by budget factors and building regulations.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

Knowing tools and processes to apply sustainability criteria to conditioning.

Integrate the social, economic and environmental dimensions in the projects and in the works carried out.

Integrate in the design of spaces and objects the conditions of adaptation to the conditions of all people.

Know how to train or join existing teams. Assume the coordination and evaluate the results.

Facilitate the organization of group work. Practice decision making in international teams and multidisciplinary

Detect opportunities to provide innovative answers. Ability to make these responses viable and applicable

Ability to make an idea profitable.

Use the appropriate technical vocabulary. Use strategies to prepare and carry out oral presentations. Plan the communication

Write and review documents with the appropriate format, content, structure, linguistic correction and registration according to type of public and the objectives of the communication.

Present the work based on the reference examples.

STUDY LOAD

Type	Hours	Percentage
Self study	168,0	56.00
Hours large group	20,0	6.67
Hours small group	112,0	37.33

Total learning time: 300 h

GRADING SYSTEM
