

## Course guides

# 290637 - TAPX14 - Architecture and Design Workshop X

**Last modified:** 06/10/2020

**Unit in charge:** Vallès School of Architecture  
**Teaching unit:** 735 - PA - Department of Architectural Design.  
752 - RA - Departamento de Representación Arquitectónica.  
756 - THATC - Department of History and Theory of Architecture and Communication Techniques.

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

**Academic year:** 2020    **ECTS Credits:** 12.0    **Languages:** Catalan, Spanish

### LECTURER

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**Coordinating lecturer:** Vancells Guerin, Xavier

**Others:** Usandizaga Calparsoro, Miguel M.  
Pla Ferrer, Francesc

### DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

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#### Specific:

- EP11G. The ability to draft civil works projects (T).
- EP9G. The ability to practise architectural criticism.
- EP17G. Adequate knowledge of methods for studying symbolisation processes, practical functions and ergonomics.
- EP1G. An aptitude for removing architectural barriers (T).
- EP3G. An aptitude for cataloguing built and urban heritage and planning its protection (T).
- EP20G. Adequate knowledge of architectural, urban planning and landscaping traditions in Western culture, as well as their technical, climatic, economic, social and ideological foundations.
- EP27G. Knowledge of feasibility analysis and the supervision and coordination of integrated projects.
- EP8G. The ability to intervene in and conserve, restore and rehabilitate built heritage (T).
- EP12G. The ability to design and execute urban blueprints and urban development, gardening and landscape projects (T).
- EP22G. Adequate knowledge of the relationship between cultural patterns and the social responsibilities of architecture.

#### Generical:

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

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The course is organized in one or two groups of 25 students who will work in teams of 2 or 3. The work is developed in a workshop; students and teachers share information and proposals are discussed in a common area on an ongoing basis throughout the semester.

Detail teaching methodology:

Phase 1: Urban exploration of the proposed sites.

Peripherals agents that are related more directly or indirectly with these sites opportunity form are detected. The design process is formulated in response to real local social perception, ensuring joint use, activation, roots and future sustainability. A first delivery where the strategic and conceptual approach of the project to develop communicates is made.

Phase 2 of the project.

The involvement of local actors is maintained for a return of proposals designed, self-detonate possible effects such as display actions or generate ways of continuity. Each team develops a project, based on the conceptual approach and reaching its precise architectural realization.

## LEARNING OBJECTIVES OF THE SUBJECT

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Analysis and designing on various state of voids in more or less advanced abandonment.

## STUDY LOAD

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

**Total learning time:** 300 h



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### Syllabus

#### Description:

4 based structured design parameters:

Accessibility: interpreting the issue of accessibility as a design tool capable of promoting urban connections instead of becoming a factor in the city court of multiple displacements and fragmented functions.

Reprogramming: investigate what kind of programs can generate activity in urban infrastructural gaps and obsolete industrial areas, considering that use change affecting urban space it should be projected as a dynamic and not a static process, planned executions performed over time integrating in the project negotiation between programming, the context and the project.

It reenergització: measure the project's ability to implement energy saving strategies; to reduce material intensity use of buildings, implementing passive systems for energy saving, reuse waste generated by the project management, reorganizing the transport system to reduce greenhouse gas emissions, among others.

Reconfiguration public space: consider the potential negative space - or the existing gaps in the complex Industrial- as a structuring element of the project. Rate the empty space to become public space: an excess of public space and its formlessness may imply that not regularly use or disuse.

**Full-or-part-time:** 132h

Theory classes: 19h 40m

Laboratory classes: 112h 20m

## GRADING SYSTEM

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Phase 1: first delivery proposal: 30%

Phase 2: Final installment: 70%

Quality architectural discourse that sustains each proposal and communication material and production quality is particularly valued.