Course guide
310088 - 310088 - Interior Design

Last modified: 06/06/2024

Unit in charge: Barcelona School of Building Construction
Teaching unit: 752 - RA - Departamento de Representación Arquitectónica.

Degree: **Academic year:** 2024 **ECTS Credits:** 3.0
Languages: Catalan, Spanish

LECTURER

Coordinating lecturer: BLANCA FIGUERAS QUESADA

Others: PEDRO MON TAILLANT

PRIOR SKILLS

To have CAD and graphical expression knowledge. Knowledge in facilities, structures and construction.

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. FB-3 Ability to apply the systems of spatial representation, the development of the sketch, the proportionality, the language and the techniques of the graphical representation of the constructive elements and processes.
2. FE-1 Ability to understand and make the graphical documentation of a project, to do data gathering, surveying of plans and geometric control of construction units.
3. FE-2 Knowledge of the infographic and cartographic procedures and methods in the construction field.
4. FE-4 Knowledge of the materials and traditional or prefabricated construction systems used in construction, their varieties and physical and mechanical features which define them.
5. FE-7 Ability to identify the constructive elements and systems, define its function and compatibility, and its implementation to construction in the construction process. Plan and solve constructive details.
6. FE-14 Aptitude to apply the specific regulations about facilities in the construction process.
7. FE-27 Ability to apply the necessary advanced tools for the resolution of the parts which the technical project implies and its management.
8. FE-28 Aptitude to write technical projects of constructions, which don¿t require architectural projects, as well as projects of demolition and design.
9. FE-33 Exposition and defence, before a university committee, of a final of degree project, consisting in an exercise of assimilation of the educational contents received and the competences acquired.

TEACHING METHODOLOGY

The students will develop during the course a public presentation of an interior space refurbishment (IN GROUPS OF TWO MEMBERS) supporting on the theories done at class, and following a project order.
Daily, the proposals of each student will be corrected according to the interior resolution of the space.
There will be done a series of little graphical exercises related with the evolution of the project.

Other resources:
Communication with the professors by ATENEA and mail. Advertisements and information in the exterior cabinet of the corresponding office.

Audiovisual material:
Presentation of the theoretical classes at class by projector and presentations with Power Point or similar.

Computer material:
The theoretical topics will be uploaded in the intranet of the school (ATENEA), as well as any wording in PDF.
The communication with the students will be also with ATENEA and its inner mail.

LEARNING OBJECTIVES OF THE SUBJECT

At the end of the subject, the students should be able to:

. Identify the different technical parts which form a little construction project.
. Use the different graphical and technological tools to represent a complete project.
. Obtain a vocabulary appropiate to the profession at the time to defend the proposed ideas.
. Obtain the legal knowledge wich determine an interior project at the level of regulations, responsibilities, etc.
. Be able of choose between the student proposals and the most appropiate technically.
. Develop the direct relation between drawing and project.
. Contemplate the technology not only as a summary of the knowledges which make possible the construction of a project, otherwise as a basic element in the manner of the proposals.
. Dominate the graphical representation, at the level of technical plans or artistic representations.
. Know partially the illumination and electrical part of the facilities which form a project.

STUDY LOAD

Type	Hours	Percentage
Hours medium group	24,0	32.00
Self study	45,0	60.00
Hours large group	6,0	8.00

Total learning time: 75 h

CONTENTS

(ENG) C1 Bloque 1. El Proyecto

Description:
In this content the students will acquire theoretical and practical knowledge to achieve a complete interior design project.
Content 1
- Sketch of the space.
- Graphical representation of the current space and proposal.

Related activities:
There will be done some questionnaires about the given material which at the same time will be useful for the students to understand the content deeply.
The students will start the project with the corrections at class.

Full-or-part-time: 4h
Theory classes: 0h 30m
Laboratory classes: 1h 30m
Self study : 2h

(ENG) C2 Bloque 2. El proyecto técnico

Description:
In this content the guidelines of the project development will be given, so that the students can execute the final chosen solution and start the interior design project.
Content 2
- Illumination. The light and shades as definer agents of the architectural space.
- Space-light typologies: artificial, natural, location, installation.
- The color.
- The materials and its representation.
- Classification. Color. Textures. Combination.

Related activities:
There will be done some questionnaires about the given material which at the same time will be useful for the students to understand the content deeply. These questionnaires don't have valuation.
There will be applied the acquired knowledge to the individual project with the particular corrections.

Full-or-part-time: 8h
Theory classes: 1h
Practical classes: 3h
Self study : 4h

(ENG) C3 Bloque 3. Pliegos de condiciones, detalles, memorias

Description:
In this content there will be done theoretical classes related with the construction licenses and the administration as well as the technical report writing and the representation of constructive details in a project.
Content 3
- The constructive details in interior design projects. Choice of the detail to draw and its graphical representation, scale, texture, comprehension.
- Legal and administrative aspects in the execution of an interior design project.
- Necessary plans.
- Documentation: Reports, measurings, budgets.

Related activities:
There will be done some questionnaires about the given material which at the same time will be useful for the students to understand the content deeply.
There will be applied the acquired knowledge to the individual project with the particular corrections.

Full-or-part-time: 4h 30m
Theory classes: 0h 30m
Laboratory classes: 1h
Self study : 3h

(ENG) C4 Il.luminaciò

Full-or-part-time: 10h 30m
Theory classes: 1h
Practical classes: 1h 30m
Self study : 8h

(ENG) C5 Escalas 1/20

Full-or-part-time: 12h
Theory classes: 1h
Practical classes: 3h
Self study : 8h

(ENG) C6 Carpintería i detalls

Full-or-part-time: 12h
Theory classes: 3h
Practical classes: 1h
Self study : 8h

(ENG) C7 Materials

Full-or-part-time: 12h
Theory classes: 1h
Practical classes: 3h
Self study : 8h

(ENG) C8 Memoria constructiva

Full-or-part-time: 12h
Theory classes: 1h
Practical classes: 3h
Self study : 8h

ACTIVITIES

(ENG) A1 PROVES INDIVIDUALS D'AVALUACIÓ CONTÍNUA . ENTREGA FINAL

Description:
There will be done a technical interior project of an interior space chosen by the students with the guidelines explained in the dossier of the subject.

Specific objectives:
Learn how to organize a whole project.
Analyze the most important elements to present in a project for its comprehension.

Material:
Weekly theory by Power Point uploaded in ATENEA.
Necessary bibliography to consult the contents.
Individual corrections at class.

Delivery:
It will be deliveried a block with the complete technical project in DINA3 format.

Full-or-part-time: 1h
Theory classes: 1h

GRADING SYSTEM

There will be done a final delivery of the individual work and a public presentation.
The valuation of this subject will be the addition of three marks.
Final project 0.70 N
Class exercises 0.30 N
Presentation 0.20 N

The attendance to class is compulsory in a 80%.

EXAMINATION RULES.

It is a necessary condition to have corrected many times the final project to value the aptitude of the student.
All the works must be done, the individual works and exceptional works.
The exercises done at class have numerical valuation but are considered as acquired knowledge and implication with the topic.

BIBLIOGRAPHY

Basic:
- Ching, Frank. Arquitectura: forma, espacio y orden. 3a ed. Barcelona: Gustavo Gili, 2010. ISBN 9788425223440.
- Navarro Casas, Jaime. Sobre iluminación natural en arquitectura. Sevilla: Universidad de Sevilla, 1983. ISBN 8774052688.
- Zelanski, Paul. Color. Madrid: Blume, 2001. ISBN 8489840210.
- Premis FAD 1958-2001, ARQ-INFAD, arquitectura i interiorisme: el llibre dels Premis FAD,. Barcelona: ARQ-INFAD, 2002. ISBN 8460743268.
- Neufert, Peter; Neff, Ludwig. Casa vivienda jardín. 2a ed. Barcelona: Gustavo Gili, 2007. ISBN 9788425220951.
- Ordenança de condicions de protecció contra incendis. Barcelona: L'Ajuntament, 1997.
- Espacios para vivir y trabajar. Barcelona: Gustavo Gili, 2000.
- Pople, Nicolas. Casas pequeñas. Mexico: Gustavo Gili, 2003.
- Cañizares, Ana. Espacios : vivir, disfrutar,trabajar. Madrid: H. Klickowski, 2004.
- Zabalbeascoa, Anatxu. Las casas del siglo. Barcelona: Gustavo Gili, 1998.
- Cañizares, Ana. 150 Ideas para el diseño de apartamentos. Barcelona: Loft, 2007. ISBN 9788495832795.

RESOURCES

Other resources:
web links:
www.coac.net
www.apabcn.es
www.epseb.upc.edu

legislation:
-Decret 259/2003 de 21 d'octubre: requisits mínims d'habitabilitat en els edificis d'habitatges i de la cèdula d'habitabilitat.
- Normativa Urbanística metropolitana: normes urbanístiques Ordenances metropolitanes
d'edificació.
- Ordenança metropolitana de publicitat Ordenança metropolitana de rehabilitació (2001). Barcelona, Mancomunitat de Municipis de l'Àrea Metropolitana de Barcelona.
- Ordenança Activitats i establiments de concurrència pública de Barcelona BOP 169 (16-
07-2003)
- Ordenança dels usos del paisatge urbà de la ciutat de Barcelona. BOP 146 (19/6/1999)
- Código Técnico de la Edificación. (2006) Madrid : Ministerio de Vivienda : Boletín Oficial del Estado.