

Course guide

310087 - 310087 - Introduction to Interior Design

Last modified: 06/06/2024

Unit in charge:	Barcelona School of Building Construction	
Teaching unit:	752 - RA - Departamento de Representación Arquitectónica.	
Degree:	BACHELOR'S DEGREE IN ARCHITECTURAL TECHNOLOGY AND BUILDING CONSTRUCTION (Syllabus 2015). (Optional subject).	
Academic year: 2024	ECTS Credits: 3.0	Languages: Catalan, Spanish

LECTURER

Coordinating lecturer: BLANCA FIGUERAS QUESADA

Others: BLANCA FIGUERAS QUESADA

PRIOR SKILLS

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

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.

Transversal:

10. SELF-DIRECTED LEARNING. Detecting gaps in one's knowledge and overcoming them through critical self-appraisal. Choosing the best path for broadening one's knowledge.
11. EFFICIENT ORAL AND WRITTEN COMMUNICATION. Communicating verbally and in writing about learning outcomes, thought-building and decision-making. Taking part in debates about issues related to the own field of specialization.
12. TEAMWORK - Level 2. Contributing to the consolidation of a team by planning targets and working efficiently to favor communication, task assignment and cohesion.

TEACHING METHODOLOGY

The students will develop during the course a public presentation of an interior design construction chosen by them between some determined options, the groups will have a maximum of three members. Analyzing all the theoretical aspects 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:

- . Determine: the important elements to organize at the time to project.
- . To have an organization system at the time to project an space.
- . Relate: the different spaces to achieve an interior comfort.
- . Define graphically the chosen solution.
- . Understand projects of other professionals.
- . To be able of analyze any project to do it with critical ability.

STUDY LOAD

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

Total learning time: 75 h



CONTENTS

C1 Unit 1 Historic referents

Description:

In this content the student will acquire historical knowledge of the architecture, specifically of the XIX and XX centuries and the architects which have worked about the interior space and the corresponding furniture design, know partially the different styles and materials used through the history, starting from the XV century.

Architectural models.

Brief history of the architecture.

The interior distributions through the history.

Specific objectives:

Introduce the student in the basic knowledge of the architecture history and its evolution. To have basic cultural knowledge, regarding to the architecture.

Related activities:

There will be done questionnaires about the teaching material which will be useful to understand the topic deeply.

At the same time the students will start to prepare the project to analyze.

Full-or-part-time: 5h

Theory classes: 3h

Practical classes: 1h

Self study : 1h

C2 Bloc 2 The project

Description:

Study and analysis of projects.

Methodology of the project.

Technical dimension of the interior project.

Execution process and intervention possibilities in existing spaces.

Spaces: public, private, locals, dwellings, momentary spaces.

Specific objectives:

To have a mental order at the moment of starting an interior project.

Related activities:

There will be done some questionnaires and exercises about the teaching material and at the same time it will be useful to understand the topic deeply.

At the same time the students will start to prepare the project to analyze.

Full-or-part-time: 5h

Theory classes: 3h

Practical classes: 1h

Self study : 1h



C3 Unit 3 The interior space.

Description:

Order of the spaces. Elements of composition.
Order principles.
Zoning.
Circulation.
Functionality.
Communication.
Surface.
The form.
Scales.
Proportion.
Equilibrium.
Rhythm.

Related activities:

There will be done some questionnaires or exercises about the teaching material which at the same time will be useful to understand deeply the topic.
At the same time the students will start to prepare the project to analyze.

Full-or-part-time: 11h

Theory classes: 3h
Practical classes: 1h
Self study : 7h

C4 Unit 4 Illumination

Description:

Theory about the way to light the interior spaces, disposition of the light points, plugs and switches.

Specific objectives:

Design the light according to the purpose of each interior space.

Related activities:

There will be done a little exercise related with the illumination.

Full-or-part-time: 11h

Theory classes: 3h
Practical classes: 1h
Self study : 7h

C5 Unit 5 Colour

Description:

Theory of the color. Use of color in the spaces depending on the existing natural and artificial light. Combination of colors.

Specific objectives:

Define the interior colors according to the purpose and use of the projected space.

Related activities:

Color practice, related with the space worked.

Full-or-part-time: 11h

Theory classes: 3h
Practical classes: 1h
Self study : 7h



C6 Unit 6 Materials

Description:

Revision of the materials in the interior space: ceilings, floors, empty spaces. Classification of the materials and its execution in construction.

Specific objectives:

Know the world of the light materials, its construction processes and the most suitable search of them.

Related activities:

There will be done a brief exercise of the search of interior materials.

Full-or-part-time: 11h

Theory classes: 3h

Practical classes: 1h

Self study : 7h

C7 Unit 7 External determinant, legality

Description:

In this section there will be done theoretical classes related with the construction licenses and administration as well as the way of making a technical report and the representation of project details.

Legal and administrative aspects in the making of an interior project.

Necessary plans.

The association. Endorsements.

Paperwork: Licenses, regulations.

Writing of reports.

Specific objectives:

Know the existing regulations related with the small constructions, at the same time the students will know the association.

Related activities:

There will be done some questionnaires or exercises about the teaching material and at the same time it will be useful to understand the topic deeply.

At the same time the students will start to prepare the project to analyze.

Full-or-part-time: 21h

Theory classes: 4h 30m

Practical classes: 1h 30m

Self study : 15h

ACTIVITIES

A1 GROUP TESTS OF CONTINUOUS EVALUATION . EXPOSITION IN CLASS

Description:

The students will expose in groups of two and three members an interior design project which they will have chosen (previously consulted with the tutor) at class. Approximate time 20 minutes for group.

Specific objectives:

Achieve to know the authors of the most outstanding interior projects.
Be able to analyze a project made by other professional.
Graphical analysis ability.
Improvement of the technical language at the time of explain a project.
Group cooperation.

Material:

Any audiovisual or graphic material esteemed for the explanation.
Power Point, video, blackboard, mockups...

Delivery:

The students will deliver a CD with the work explained at class and a summary paper.
This work has a value of the 90% of the final mark.

Full-or-part-time: 2h

Theory classes: 1h
Self study: 1h

GRADING SYSTEM

There will be done a public presentation of the work in group.

The group work will be presented at class explaining it with the audiovisual help which the students consider. It will have a worth of 70% of the final mark.

The 30% remaining will be the addition of the valuation of the exercises done at class.

It is compulsory the minimum attendance to classes of 80% of the total course.

EXAMINATION RULES.

- It is a necessary condition to have corrected many times the final project to value the aptitude of the student.
- The tests realised at class have numerical valuation.
- The public exposition of the group work will be done during the three last weeks of the four-month term according to the educational calendar.

BIBLIOGRAPHY

Basic:

- Ching, Frank. Arquitectura: forma espacio y orden. 3a ed. Barcelona: Gustavo Gili, 2010. ISBN 9788425223440.
- Navarro Casas, J. Sobre iluminación natural en arquitectura. Sevilla: Universidad de Sevilla, 1983. ISBN 8774052688.
- Zelanski, P. ; Fisher, M.P. Color. Barcelona: Blume, 2001.
- 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.

Complementary:

- Asensio, F. ; Cuito, A. Espacios para vivir y trabajar. Barcelona: Gustavo Gili, 2000.
- Pople, Nicolas. Casas pequeñas. Barcelona: Gustavo Gili, 2003. ISBN 9688874035.
- Cañizares, Ana. Espacios : vivir, disfrutar, trabajar. Madrid: H. Klickowski, 2004. ISBN 8496241076.

- Zabalbeascoa, Anatxu. Las casas del siglo. Barcelona: Gustavo Gili, 1998. ISBN 8425216923.
- Cañizares, Ana. 150 Ideas para el diseño de apartamentos. Barcelona: Loft, 2007. ISBN 9788495832795.

RESOURCES

Other resources:

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 de condicions de protecció contra incendis.(1997). Barcelona : L'Ajuntament

- 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.

Web:

www.coac.net

www.apabcn.es

www.epseb.upc.edu