1. BASIC INFORMATION

Course	Integrated Drawing Workshop
Degree program	Bachelor´s Degree in Fundamentals of Architecture
School	School of Architecture, Engineering, Science and Computing
Year	1st
ECTS	6 ECTS (150 hours)
Credit type	Basic
Language(s)	English
Delivery mode	Face to face
Semester	First semester
Academic year	2025/26
Coordinating professor	Jorge Cerdà Inglés

2. PRESENTATION

Couse OBJETIVE: approach to abstract magnitudes, graphic potentiality, color, texture, typography, proportion, composition, modulation, visual perception on two-dimensional and three-dimensional models, and different approaches to face analogic and digital drawing.
This objective will be developed by layout activities, composition of architectural or abstract models, photo editing, two dimensional activities with frames, layout and modules
Manual techniques, such as free hand drawing, and digital techniques will be used and combined. The main digital tools used are Photoshop, Illustrator and Indesign.
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3. COMPETENCIES AND LEARNING OUTCOMES

Core competencies:

- CB1: That the students have demonstrated knowledge and understanding in their area of study that builds the basis of general secondary education, and typically at a level that, whilst supported by advanced textbooks, includes some aspects that will knowledge of the forefront of their field of study.

- CB2: That the students can apply their knowledge to their work or vocation in a professional manner and possess the skills typically demonstrated through devising and sustaining arguments and solving problems within their field of study.

- CB3: That the students have the ability to gather and interpret relevant data (usually within their field of study) to inform judgments that include reflection on relevant social, scientific or ethical.

- CB4: That the students can communicate information, ideas, problems and solutions to both specialist and non-specialist.

- CB5: That the students have developed those learning skills needed to understand further study with a high degree of autonomy.

Cross-curricular competencies:

- CT2: Self confidence
- CT4: Communication skills in the native language (both oral and written) and in the English language, in accordance with the principles the Universidad Europea de Madrid, any concept or specification for the development of the regulated profession of architect. This includes learning the specific vocabulary of the degree as well as the ability to manage information.
- CT5: Interpersonal understanding
- CT6: Flexibility
- CT9: Planning and time management: Ability to plan work in order to comply with delivery times and to respect the limits imposed by budgets and building codes.
- CT10: Innovation and creativity: Creativity, imagination and aesthetic sensitivity applied to the design in order to satisfy the both the aesthetic and technical demands. This competence includes critical reasoning and historical culture.

Specific competencies:

- CE2: Ability to conceive and represent visual attributes to objects and master proportions and drawing techniques, including computer drawing applications.
- CE4: Knowledge of the analysis and theory of forms and laws of visual perception adapted and applied to architecture and urbanism.

Learning outcomes:

- LO1: Represent and analyse forms and images in two or three dimensions and establish biunivocal relationships between three-dimensional entities and flat representations.
- LO2: Include the basic concepts learned in the remaining subjects of the semester to be correctly included and shared for a single purpose: architectural representation.
- LO3: Understand and apply the principles of visual perception and the theory of shapes in the practice of expressive representation of architectural forms.
- LO4: Confront dispute resolution that a project may raise, through reflection and the application of wisdom of the topic proposed.
- LO5: Comply with delivery of proposed work.
- LO6: Participate in debates focused on issues proposed in the course subject and/or related to it and the remaining subjects of the semester.
- LO7: Acquire the skills to plan work, both individually and in a group.
- LO8: Make in-depth searches for basic bibliographic sources related to architecture.
- LO9: Develop one's own creativity when confronted with a project.
- LO10: Communicate ideas and concepts from one's own work.

The following table shows the relationship between the competencies developed during the course and the learning outcomes pursued:

Competencies	Learning outcomes
CE2	LO1. The student Will be able to represent and analyse forms and images in two or three dimensions and establish biunivocal relationships between three-dimensional entities and flat representations.
CT10 CE4	LO2. The student will be able to include the basic concepts learned in the remaining subjects of the semester to be correctly included and shared for a single purpose: architectural representation.
CE2	LO3. The student will be able to understand and apply the principles of visual perception and the theory of shapes in the practice of expressive representation of architectural forms.

CT2, CT4, CT5, CT6	LO4. The student will be able to confront dispute resolution that a project may raise, through reflection and the application of wisdom of the topic proposed.
CT2, CT4, CT9	LO5. The student will be able to comply with delivery of proposed work.
CB2 CT4	LO6. The student will be able to participate in debates focused on issues proposed in the course subject and/or related to it and the remaining subjects of the semester.
CB5 CT9	LO7. The student will be able to acquire the skills to plan work, both individually and in a group.
CB1, CB3	LO8. The student will be able to make in-depth searches for basic bibliographic sources related to architecture.
CT10	LO9. The student will be able to develop one's own creativity when confronted with a project.
CB2, CB4 CE2, CE4	LO10. The student will be able to communicate ideas and concepts from one's own work.

4. CONTENT

The subject is organized into 5 Learning Units, which are divided into topics. In addition, the set of objectives that were raised globally for the module are specifically linked to the development of each unit.

Unit 1. Analysis and theory of form, color and light

The unit has an initiatory but relevant character. The analysis of the environment and its understanding is proposed, through the decomposition of its complexity. It is approached through techniques of drawing, color, collage, and others of an immediate nature and strong expressiveness

Unit 2. Image: composition, transformation, treatment and retouching

The application and understanding of the basic principles of visual, graphic and compositional language is worked on morphology, basic figures, structures, balance, proportion, harmony, typography, composition, transformation, color, image treatment, photography, retouching.

Unit 3. The vector drawing: illustration

This unit addresses the transition from expressive sketch to graphic production. Always starting from mixed techniques, graphic production for the web and print is approached. Concepts related to color, texture, typography, etc ... are related.

Unit 4-Graphic narration and composition: integration of techniques and concepts / layout

The work in units 1 to 3, even though it is not isolated, is integrated to give meaning to the graphic project. The use of all the acquired resources is proposed, deepening their knowledge and integrating them in the layout.

Unite 5-Document / portfolio integration

The course closes with the preparation of a portfolio with the course activities. The material is readjusted to give the document graphic unity. The student is introduced to the concept of portfolio as a reflection of his background and trajectory.

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- Master lectures/classes
- Case-studies
- Independent and team work
- Project and problem based learning

6. LEARNING ACTIVITIES

The following table shows, for each learning activity: i) the total time the student will spend; ii) the course policy about the use of Artificial Intelligence (AI) in that activity.

Campus-based mode:

Learning activity	Total time	Use of AI
Master lectures/classes	12.5 h	Allowed
Guided studies, practical exercises, problem-solving	50 h	Allowed
Presentation of projects	12.5 h	Promoted
Inclusive approach to working groups	12.5 h	Assessed
Independent work	37.5 h	Promoted
Tutorials, follow-up and evaluations	25 h	Allowed
TOTAL	**150 h**	

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weight
Activity 1	10%
Activity 2	10%
Activity 3	10%
Activity 4	20%
Activity 5 (Final integration portfolio)	50%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the course in the first exam period, students must obtain a final course grade of at least 5 out of 10 (weighted average).

In addition:

- Students must attend classes and participate in an active mood (the minimum attendance percentage is indicated in the annex).

- In any case, you will need to obtain at least a grade of at 5.0 in the final Integration activity (Final Portfolio) to count towards the final grade along with all the grades corresponding to the other activities.

7.2. Second exam period

To pass the course in the second exam period, you must obtain a final grade of at least 5 out of 10 (weighted average).

- All the not passed activities or the not handed in activities (after the teacher´s corrections) during the first exam period must be handed in and will be evaluated.

- An extra evaluation exam can be proposed at the professor's discretion.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
Activity 1	6th week
Activity 2	8th week
Activity 3	10th week
Activity 4	14th week
Activity 5. Final Portfolio	January 19th-23rd

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAPHY

The recommended Bibliography is:

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10. DIVERSITY MANAGEMENT UNIT

From the Educational Guidance and Diversity Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.
 From this unit we offer to our students:
1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:
orientacioneducativa@universidadeuropea.es

11.   ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the "surveys" section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.