Graphic Lab III (Gestión del Proyecto Técnico)
Guía docente 2023-24

PRESENTACIÓN

Breve descripción:
Esta asignatura se imparte en el segundo semestre del cuarto curso del Grado en Estudios de Arquitectura (GEA). Forma parte de la materia específica de la Mención Técnica del GEA, y tiene como objetivo proporcionar la formación necesaria para modelar y gestionar proyectos con metodología BIM (Building Information Modeling) con un enfoque multidisciplinar y colaborativo. Cubre conceptos de modelado AVANZADO. Con la tecnología BIM se modela el edificio 3D con elementos y sistemas constructivos específicos que se relacionan entre sí, reduciendo el tiempo de redacción del proyecto y el tiempo de actualización cuando hay cambios.

- Titulación: Grado en Arquitectura.
- Módulo/Materia: Preparatoy7Drawing
- ECTS: 3.
- Curso, semestre: 4ºGD/Segundo.
- Carácter: Obligatoria.
- Profesorado: José Manuel Cabrero.
- Idioma: Castellano

COMPETENCIAS

BASIC COMPETENCES

BC02 Students must know how to apply their knowledge professionally to their job or career and have the skills that usually demonstrated by writing and supporting their arguments, and problem-solving within their area of study.

BC04 Students are able to convey information, ideas, problems, and solutions to specialist and non-specialist audiences.

BC05 Students have developed the learning skills necessary to undertake further studies with a high degree of autonomy.

GENERAL COMPETENCES

GC06 Understand the industries, organizations, regulations, and procedures involved in translating design concepts into buildings and integrating plans into overall planning.

GC07 Understand the relationships between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale.

SPECIFIC COMPETENCES

SC02 Ability to conceive and represent the visual attributes of objects and good mastery of proportion and drawing techniques, including computer techniques (T).
Adequate knowledge of metric and projective geometry applied to architecture and urban planning.

Adequate knowledge of graphical surveying techniques across all its phases, from sketching to scientific restoration, applied to architecture and urban planning.

Adequate knowledge of the fundamentals of topography, hypsometry and cartography, and the techniques of land modification, applied to architecture and urban planning.

Use English, level B2, appropriately according to the scientific and academic terminology of the world of architecture.

PROGRAMA

ACTIVIDADES FORMATIVAS

EVALUACIÓN

ORDINARY CALIFICATION CALL GRADE

The final grade will be that resulting from the calculation made according to the previous table. In accordance with the provisions of Article 5 of RD 1125/2003, the results obtained will be adjusted to the numerical scale from 0 to 10, with the expression of one decimal, to which the corresponding qualitative qualification may be added:

- 0.0-4.9 Suspenso (SS)
- 5.0-6.9 Aprobado (AP)
- 7.0-8.9 Notable (NT)
- 9.0-10 Sobresaliente (SB)
- MH Matrícula de Honor (MH)

To pass, it will be necessary to reach a grade higher than 5.0 as an average of the two courses.
CONTINUOUS EVALUATION CRITERIA - BIM

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<td>Attendance and active participation</td>
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<td>BIM Model</td>
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<td>practical Exam</td>
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<td>Total final</td>
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CONVOCATORIA EXTRAORDINARIA

EXTRAORDINARY CALL GRADE

In the last week of May, the briefing of the individual exercise to be carried out by those students who have not passed in the ordinary call will be published. The exam will hold on the official date scheduled by the Institution.

HORARIOS DE ATENCIÓN

- Horario de tutoría: Los jueves de 12-14h

Por favor, contactar previamente mediante correo electrónico:

Profesores: Carlos Monge Aguilar  cmongea@external.unav.es

Personal de apoyo: Maider Iusturiz Caballero  misturizc@unav.es  María Duro Mata  mdurom@unav.es

BIBLIOGRAFÍA

<table>
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