Teaching guide

IDENTIFICATION DETAILS

Degree:	Architecture
Field of Knowledge:	Engineering and Architecture
Faculty/School:	Higher Polytechnic School
Course:	CONSTRUCTION II
Type:	Compulsory
ECTS credits:	6
Year:	3
Code:	3732
Teaching period:	Fifth semester
Area:	Construction
Module:	Technical Drawing
Teaching type:	Classroom-based
Language:	Spanish
Total number of student study hours:	150

SUBJECT DESCRIPTION

El estudiante deberá concienciarse de la relevancia que las decisiones que toma tienen en la comunidad en la que vive y comenzar a cultivar una ética profesional enfocada a servir a la sociedad, que en lo tocante a esta asignatura de construcción tienen como punto de partida primero las condiciones de una correcta construcción en los aspectos de aislamiento térmico, impermeabilidad, durabilidad, firmeza, así como unas condiciones adecuadas desde el punto de vista del clima donde se sitúan. Cumplidos estos aspectos fundamentales, el estudiante aprenderá la importancia que las decisiones constructivas tienen en la manera de habitar las personas con mayor profundidad.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

Ability to resolve problems and to take decisions.

Ability to apply procedures.

An understanding of the problems involved in structural design, construction and engineering associated with building projects.

Specific skills

Aptitude in understanding and following technical and building standards.

Ability to carry out conservationof large structures.

An adequate knowledge of conventional building systems and their pathology.

An adequate knowledge of the physical and chemical characteristics, production procedures, pathology and use of construction materials.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours