

# Teaching guide

## IDENTIFICATION DETAILS

Degree:	Architecture		
Field of Knowledge:	Engineering and Architecture		
Faculty/School:	Higher Polytechnic School		
Course:	INFORMATION TECHNOLOGY (CALCULUS)		
Type:	Optional	ECTS credits:	3
Year:	5	Code:	3767
Teaching period:	Tenth semester		
Area:	Projects		
Module:	Planning		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	75		

## SUBJECT DESCRIPTION

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## 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
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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**

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 the design, roll-out and development of basic projects, those to be executed, sketches and draft projects (T).

Aptitude in the design, roll-out and development of urban projects (T).

Aptitude in the design, roll-out and development of works management (T).

### **DISTRIBUTION OF WORK TIME**

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
30 hours	45 hours