

## 30717 - Computing

### Información del Plan Docente

<b>Academic Year</b>	2016/17
<b>Academic center</b>	110 - Escuela de Ingeniería y Arquitectura
<b>Degree</b>	470 - Bachelor's Degree in Architecture Studies
<b>ECTS</b>	6.0
<b>Course</b>	2
<b>Period</b>	Second semester
<b>Subject Type</b>	Compulsory
<b>Module</b>	---

### **1.Basic info**

#### **1.1.Recommendations to take this course**

#### **1.2.Activities and key dates for the course**

### **2.Initiation**

#### **2.1.Learning outcomes that define the subject**

#### **2.2.Introduction**

### **3.Context and competences**

#### **3.1.Goals**

#### **3.2.Context and meaning of the subject in the degree**

#### **3.3.Competences**

#### **3.4.Importance of learning outcomes**

### **4.Evaluation**

### **5.Activities and resources**

#### **5.1.General methodological presentation**

The orientation of this subject is mainly practical. The proposed activities are focused on the learning based on the experience. The most suitable teaching strategies for relating and practices, the resolution of problems and the laboratory practice. However, these strategies are difficult to be performed without a fundamental basis that allows students to understand and learn outside classes.

#### **5.2.Learning activities**

The programa offered to students to help them to achieve the expected results is composed of the following activities:

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- The subject program will be developed in the classroom.
- Problems with concept application and techniques explained in the program of the subject will be solved in special classes dedicated to those problems.
- Practical sessions will take place in computer labs. In such sessions students will develop practical work related to this subject.

### 5.3.Program

The program is structured as follows:

- Information, Computer Systems and Computer architecture
- Physical and logical structure of a computer
- Programming and Algorithmics
- Architecture design art and Informatics
- Exercises related to programming

### 5.4.Planning and scheduling

The calendar of the subject will be determined by the academic calendar of the corresponding course in each of the centers where this subject is taught. The face-to-face sessions will have an estimated duration of 60 hours distributed between lectures, resolution of problems, and laboratory practice. The timetables of all the class hours and practical sessions will be announced with enough time in advance through the website of the center and the web page of the subject.

### 5.5.Bibliography and recommended resources