

## 29642 - Electrical Measurements

### Información del Plan Docente

<b>Academic Year</b>	2018/19
<b>Subject</b>	29642 - Electrical Measurements
<b>Faculty / School</b>	110 - Escuela de Ingeniería y Arquitectura
<b>Degree</b>	430 - Bachelor's Degree in Electrical Engineering
<b>ECTS</b>	6.0
<b>Year</b>	4
<b>Semester</b>	Second semester
<b>Subject Type</b>	Optional
<b>Module</b>	---

### **1.General information**

#### **1.1.Aims of the course**

#### **1.2.Context and importance of this course in the degree**

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

### **2.Learning goals**

#### **2.1.Competences**

#### **2.2.Learning goals**

#### **2.3.Importance of learning goals**

### **3.Assessment (1st and 2nd call)**

#### **3.1.Assessment tasks (description of tasks, marking system and assessment criteria)**

### **4.Methodology, learning tasks, syllabus and resources**

#### **4.1.Methodological overview**

The methodology of the course is based on the following:

- Classroom lectures
- Laboratory sessions
- Written reports
- Problem solving

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### **4.2.Learning tasks**

### **4.3.Syllabus**

1.- Sensors

2.- Measuring Instruments: Digital multimeters, oscilloscopes, current clamps

3.- Uncertainty

4.- Computer based measurements. SCPI

### **4.4.Course planning and calendar**

### **4.5.Bibliography and recommended resources**