

# 69627 - FPGA-Based Digital Control for Power Converters

## Syllabus Information

**Academic Year:** 2020/21

**Subject:** 69627 - FPGA-Based Digital Control for Power Converters

**Faculty / School:** 110 - Escuela de Ingeniería y Arquitectura

**Degree:** 609 -

**ECTS:** 6.0

**Year:** 2

**Semester:** Second semester

**Subject Type:** Optional

**Module:** ---

## 1. General information

### 1.1. Aims of the course

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.

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

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.

### 1.3. Recommendations to take this course

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

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## 2. Learning goals

### 2.1. Competences

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### 2.2. Learning goals

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### 2.3. Importance of learning goals

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

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

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

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.

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

### **4.1.Methodological overview**

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.

### **4.2.Learning tasks**

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

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### **4.3.Syllabus**

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

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

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.

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

The content of this point is the same that appears in the section of the subject's teaching guide 60837 of the Master studies in Industrial Engineering.

Consultation of the subject's teaching guide is recommended.