

Guía docente

300124 - SEMIND - Seminarios desde la Industria

Última modificación: 21/01/2026

Unidad responsable: Escuela de Ingeniería de Telecomunicación y Aeroespacial de Castelldefels
Unidad que imparte: **Titulación:** MÁSTER UNIVERSITARIO EN INTELIGENCIA ARTIFICIAL PARA INDUSTRIAS CONECTADAS (AI4CI) (Plan 2025). (Asignatura obligatoria).

Curso: 2025 **Créditos ECTS:** 3.0 **Idiomas:** Inglés

PROFESORADO

Profesorado responsable: Ernesto Serrano (UPC)
David Rincón (UPC)
Speakers from the industry and research centers

Otros:

CAPACIDADES PREVIAS

Background on AI and networks provided by the mandatory courses of the first semester of AI4CI

METODOLOGÍAS DOCENTES

On-line lectures, autonomous work

OBJETIVOS DE APRENDIZAJE DE LA ASIGNATURA

The aim of the course is to introduce the students to the current technological advances and challenges faced by relevant companies (all related to AI, communications, IoT, connected industries, etc.). Through the proposal of challenges, the students will have the opportunity to demonstrate their creativity and to apply the knowledge acquired in the courses of the first year of the master.

HORAS TOTALES DE DEDICACIÓN DEL ESTUDIANTADO

Tipo	Horas	Porcentaje
Horas grupo grande	27,0	36.00
Horas aprendizaje autónomo	48,0	64.00

Dedicación total: 75 h



CONTENIDOS

Seminars from the industry

Descripción:

The course consists of having many invited speakers from companies to expose research, development, and innovation activities related to artificial intelligence for connected systems topics. Each speaker will present the company, the technologies they use/develop, examples of past and ongoing projects, and finally, a few examples of real-world challenges the company is interested in. There will be coordination between the company and the masters professors to check that the challenges are in line with the contents of the first-year courses. After all talks have ended, the students will team up (i.e. groups of 2 or 3) to choose a challenge and make a proposal on how to solve it using their creativity and the knowledge acquired during the first-year courses.

Dedicación: 75h

Grupo grande/Teoría: 27h

Aprendizaje autónomo: 48h

SISTEMA DE CALIFICACIÓN

Attendance to the lectures, tests, reports and presentations