

## Guia docent

### 300124 - SEMIND - Seminaris des de la Indústria

Última modificació: 21/01/2026

**Unitat responsable:** Escola d'Enginyeria de Telecomunicació i Aeroespacial de Castelldefels  
**Unitat que imparteix:** **Titulació:** MÀSTER UNIVERSITARI EN INTEL·LIGÈNCIA ARTIFICIAL PER A INDÚSTRIES CONNECTADES (AI4CI) (Pla 2025). (Assignatura obligatòria).  
**Curs:** 2025 **Crèdits ECTS:** 3.0 **Idiomes:** Anglès

#### PROFESSORAT

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

**Altres:**

#### CAPACITATS PRÈVIES

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

#### METODOLOGIES DOCENTS

On-line lectures, autonomous work

#### OBJECTIUS D'APRENTATGE DE L'ASSIGNATURA

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.

#### HORES TOTALS DE DEDICACIÓ DE L'ESTUDIANTAT

| Tipus                      | Hores | Percentatge |
|----------------------------|-------|-------------|
| Hores aprenentatge autònom | 48,0  | 64.00       |
| Hores grup gran            | 27,0  | 36.00       |

**Dedicació total:** 75 h



## CONTINGUTS

---

### Seminars from the industry

**Descripció:**

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.

**Dedicació:** 75h

Grup gran/Teoria: 27h

Aprenentatge autònom: 48h

## SISTEMA DE QUALIFICACIÓ

---

Attendance to the lectures, tests, reports and presentations