Course guide
300124 - SEMIND - Seminars from Industry

Last modified: 21/01/2026

Unit in charge:	Castelldefels School of Telecommunications and Aerospace Engineering
Teaching unit:	**Degree:** MASTER'S DEGREE IN ARTIFICIAL INTELLIGENCE FOR CONNECTED INDUSTRIES (AI4CI) (Syllabus 2025). (Compulsory subject).

Academic year: 2025 **ECTS Credits:** 3.0 **Languages:** English

LECTURER

Coordinating lecturer:	Ernesto Serrano (UPC)
	David Rincón (UPC)
	Speakers from the industry and research centers

Others:

PRIOR SKILLS

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

TEACHING METHODOLOGY

On-line lectures, autonomous work

LEARNING OBJECTIVES OF THE SUBJECT

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.

STUDY LOAD

Type	Hours	Percentage
Self study	48,0	64.00
Hours large group	27,0	36.00

Total learning time: 75 h

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Seminars from the industry

Description:
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.

Full-or-part-time: 75h
Theory classes: 27h
Self study : 48h

GRADING SYSTEM

Attendance to the lectures, tests, reports and presentations