Semester	Teaching Unit	Subject	Coefficient	Evaluation Method
First	Core	Multivariable Linear Systems	5	40% 60%
First	Core	Signal Processing	2	40% 60%
First	Core	Converter-Machine Association	2	40% 60%
First	Core	Optimization	2	40% 60%
First	Methodology	Industrial Networks and Protocols	2	40% 60%
First	Practical	Practical Work on Linear Systems	1	100%
First	Practical	Practical Work on Signal Processing	1	100%
First	Practical	Practical Work on Converter-Machine Association	1	100%
First	Elective	Elective Course	1	100%
First	Elective	Elective Course	1	100%
First	Transversal	Technical English and Terminology	1	100%

Semester	Teaching Unit	Subject	Coefficient	Evaluation Method
second	Core	Nonlinear Systems	3	40% 60%
second	Core	Embedded and Real-Time Systems	2	40% 60%
second	Core	Advanced Programming APIs	2	40% 60%
second	Core	Applied Electronics	2	40% 60%
second	Methodology	Object-Oriented Design	2	40% 60%
second	Practical	Nonlinear Systems	1	100%
second	Practical	Embedded and Real-Time Systems	1	100%
second	Practical	Advanced Programming APIs	1	100%
second	Elective	Elective Course	1	100%
second	Elective	Elective Course	1	100%
second	Transversal	Compliance with standards and rules of ethics and integrity	1	100%

Semester	Teaching Unit	Subject	Coefficient	Evaluation Method
Third	Core	Advanced Control	3	40% 60%
Third	Core	Manipulation Robot Control	2	40% 60%
Third	Core	Discrete Event Systems	2	40% 60%
Third	Core	FPGA and VHDL Programming	2	40% 60%
Third	Methodology	Industrial supervision	2	40% 60%
Third	Practical	Advanced Control	1	100%
Third	Practical	Manipulation Robot Control	1	100%
Third	Practical	FPGA and VHDL Programming	1	100%
Third	Elective	Elective Course	1	100%
Third	Elective	Elective Course	1	100%
Third	Transversal	Documentary research and dissertation design	1	100%

Semester 4: Internship in a company or research laboratory, accompanied by a thesis and a defense.

Elective Courses

1- Virtual Instrumentation

2- Image Processing and Vision

3- Smart Sensors

4- Artificial Intelligence

5- Intelligent Vision

6- Robotics (Mobile Robotics, Humanoid Robotics, Service Robotics, Environmental Robotics, etc.)

7- Computer-Aided Design (CAD)

8- Electric Vehicles

9- Hydraulics and Pneumatics

10- Web Programming

11- Operational Safety

12- Maintenance Management

13- Telecommunications Applications

14- Biotechnology

15- Biomedical Technologies