

Semester 1

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 1	6	3
	Physics 1	6	3
	Structure of matter	6	3
Methodological EU Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics 1 Practical Work	2	1
	Chemistry 1 practical work	2	1
	Computer Science 1	4	2
	Writing methodology	1	1
EU Discovery Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in science and technologies 1	1	1
Transversal EU Code: UET 1.1 Credits: 2 Coefficients: 2	Foreign language 1 (French and/or English)	2	2
Total semester 1		30	17

Semester 2

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 1.2 Credits: 18 Coefficients: 9	Mathematics 2	6	3
	Physics 2	6	3
	Thermodynamics	6	3
Methodological EU Code: UEM 1.2 Credits: 9 Coefficients: 5	Physics 2 Practical Work	2	1
	Chemistry 2 practical work	2	1
	Computer Science 2	4	2
	Presentation methodology	1	1
EU Discovery Code: UED 1.2 Credits: 1 Coefficients: 1	Careers in science and technologies 2	1	1
Transversal EU Code: UET 1.2 Credits: 2 Coefficients: 2	Foreign language 2 (French and/or English)	2	2
Total semester 2		30	17

Semester 3

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 2.1.1 Credits: 10 Coefficients: 5	Mathematics 3	6	3
	Waves and vibrations	4	2
Fundamental EU Code: UEF 2.1.2 Credits: 8 Coefficients: 4	Fundamental Electronics 1	4	2
	Fundamental Electrical Engineering 1	4	2
Methodological EU Code: UEM 2.1 Credits: 9 Coefficients: 5	Probability and statistics	4	2
	Computer Science 3	2	1
	Practical work Electronics 1 and electrotechnics 1	2	1
	TP Waves and vibrations	1	1
EU Discovery Code: UED 2.1 Credits: 2 Coefficients: 2	State of the art of electrical engineering	1	1
	Energy and environment	1	1
Transversal EU Code: UET 2.1 Credits: 1 Coefficients: 1	Technical English	1	1
Total semester 3		30	17

Semester 4

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 2.2.1 Credits: 10 Coefficients: 5	Fundamental Electrical Engineering 2	6	3
	Combinatorial logic and sequential	4	2
Fundamental EU Code: UEF 2.2.2 Credits: 8 Coefficients: 4	Numerical methods	4	2
	Signal theory	4	2
Methodological EU Code: UEM 2.2 Credits: 9 Coefficients: 5	Electrical measurements and electronics	3	2
	Fundamental Electrotechnical Practical Work 2	2	1
	Practical work on combinatorial logic and sequential	2	1
	Numerical Methods Practical Work	2	1
EU Discovery Code: UED 2.2 Credits: 2 Coefficients: 2	Production of electrical energy	1	1
	Electrical safety	1	1
Transversal EU Code: UET 2.2 Credits: 1 Coefficients: 1	Expression and communication techniques	1	1
Total semester 4		30	17

Semester 5

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 3.1.1 Credits: 10 Coefficients: 5	Electrical Networks	6	3
	Power Electronics	4	2
Fundamental EU Code: UEF 3.1.2 Credits: 8 Coefficients: 4	Servo Systems	4	2
	Field Theory	4	2
Methodological EU Code: UEM 3.1 Credits: 9 Coefficients: 5	Diagrams and Equipment	3	2
	Electrical Networks TP	2	1
	Power Electronics TP	2	1
	TP Servo Systems / TP sensors	2	1
EU Discovery Code: UED 3.1 Credits: 2 Coefficients: 2	Sensors and Metrology	1	1
	Electrical systems design	1	1
Transversal EU Code: UET 3.1 Credits: 1 Coefficients: 1	Simulation software	1	1
Total semester 5		30	17

Semester 6

Teaching unit	Materials	Credits	Coefficient
	Titled		
Fundamental EU Code: UEF 3.2.1 Credits: 10 Coefficients: 5	Machine control	6	3
	Industrial regulation	4	2
Fundamental EU Code: UEF 3.2.2 Credits: 8 Coefficients: 4	Industrial Automation	4	2
	Materials and introduction to HT	4	2
Methodological EU Code: UEM 3.2 Credits: 9 Coefficients: 5	End of Cycle Project	4	2
	Machine control TP	1	1
	Industrial Regulation TP	2	1
	Automation practical work/Materials practical work and introduction to HT	2	1
EU Discovery Code: UED 3.2 Credits: 2 Coefficients: 2	Protection of electrical networks	1	1
	Industrial Maintenance	1	1
Transversal EU Code: UET 3.2 Credits: 1 Coefficients: 1	Professional project and business management	1	1
Total semester 6		30	17