Semester 1

Teaching Unit	Subjects Title	Credits	Coefficient	Lecture	TU	PW
Fundamental Teaching Unit Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 1	6	3	3h00	1h30	
	Physics 1	6	3	3h00	1h30	
	Structure of Matter	6	3	3h00	1h30	
Methodological Teaching Unit Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics Lab 1	2	1			1h30
	Chemistry Lab 1	2	1			1h30
	Computer Science 1	4	2	1h30		1h30
	Writing Methodology	1	1	1h00		
Discovery Teaching Unit Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in Science and Technology 1	1	1	1h30		
Transversal Teaching Unit Code: UET 1.1 Credits: 2 Coefficients: 2	English	2	2	3h00		
Total Semester 1		**30**	**17**	**16h00**	**4h30**	**4h30**

Semester 2

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 2	6	3	3h00	1h30	
	Physics 2	6	3	3h00	1h30	
	Thermodynamics	6	3	3h00	1h30	
Methodological Teaching Unit Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics Lab 2	2	1			1h30
	Chemistry Lab 2	2	1			1h30
	Computer Science 2	4	2	1h30		1h30
	Presentation Methodology	1	1	1h00		
Discovery Teaching Unit Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in Science and Technology 2	1	1	1h30		
Transversal Teaching Unit Code: UET 1.1 Credits: 2 Coefficients: 2	English	2	2	3h00		
Total Semester 2		**30**	**17**	**16h00**	**4h30**	**4h30**

Semester 3

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume		
	Title			Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 2.1.1 Credits : 10 Coefficients : 5	Mathematics 3	6	3	3h00	1h30	
	Waves and Vibrations	4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 2.1.2 Credits : 8 Coefficients : 4	Fundamental Electronics 1	4	2	1h30	1h30	
	Fundamental Electrical Engineering 1	4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 2.1 Credits : 9 Coefficients : 5	Probability and Statistics	4	2	1h30	1h30	
	Computer Science 3	2	1			1h30
	Fundamental Electronics 1 and Electrical Engineering 1 Lab	2	1			1h30
	Waves and Vibrations Lab	1	1			1h00
Discovery Teaching Unit Code : UED 2.1 Credits : 2 Coefficients : 2	State of the Art in Electrical Engineering	1	1	1h30		
	Energy and Environment	1	1	1h30		
Transversal Teaching Unit Code : UET 2.1 Credits : 1 Coefficients : 1	Technical English	1	1	1h30		
Total Semester 3		30	17	13h30	7h30	4h00

Semester 4

Teaching Unit	Title	Credits	Coefficient	Weekly Hourly Volume		
				Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 2.2.1 Credits : 10 Coefficients : 5	Fundamental Electronics 2	6	3	3h00	1h30	
	Combinational and Sequential Logic	4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 2.2.2 Credits : 8 Coefficients : 4	Numerical Methods	4	2	1h30	1h30	
	Signal Theory	4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 2.2 Credits : 9 Coefficients : 5	Electrical and Electronic Measurements	3	2	1h30		1h00
	Fundamental Electronics 2 Lab	2	1			1h30
	Combinational and Sequential Logic Lab	2	1			1h30
	Numerical Methods Lab	2	1			1h30
Discovery Teaching Unit Code : UED 2.2 Credits : 2 Coefficients : 2	Electronic Components Technology 1	1	1	1h30		
	Elements of Electronic Component Physics	1	1	1h30		
Transversal Teaching Unit Code : UET 2.2 Credits : 1 Coefficients : 1	Expression and Communication Techniques	1	1	1h30		
Total Semester 4		**30**	**17**	**13h30**	**6h00**	**5h30**

Semester 5

Teaching Unit	Subjects		Credits	Coefficients	Weekly Hourly Volume		
	Title				Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 3.1.1 Credits : 10 Coefficients : 5	Microprocessor Systems		6	3	3h00	1h30	
	Electronic Functions		4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 3.1.2 Credits : 8 Coefficients : 4	Signal Processing		4	2	1h30	1h30	
	Local Computer Networks		4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 3.1 Credits : 9 Coefficients : 5	Microprocessor Systems Lab		2	1			1h30
	Electronic Functions Lab		2	1			1h30
	Signal and Local Networks Lab		2	1			1h30
	Pre-Project Work		3	2	1h30		1h00
Discovery Teaching Unit Code : UED 3.1 Credits : 2 Coefficients : 2	Electronic Components Technology 2		1	1	1h30		
	Technology and Manufacturing of Integrated Circuits		1	1	1h30		
Transversal Teaching Unit Code : UET 3.1 Credits : 1 Coefficients : 1	Wave Propagation and Antennas		1	1	1h30		
Total Semester **5**			**30**	**17**	**13h30**	**6h00**	**5h30**

Semester 6

Teaching Unit	Subjects		Credits	Coefficients	Weekly Hourly Volume		
	Title				Lecture	TU	PW
Fundamental Teaching Unit Code : UEF 3.2.1 Credits : 10 Coefficients : 5	Continuous Control Systems and Regulation		6	3	3h00	1h30	
	Sensors and Instrumentation		4	2	1h30	1h30	
Fundamental Teaching Unit Code : UEF 3.2.2 Credits : 8 Coefficients : 4	Power Electronics		4	2	1h30	1h30	
	Pulse Electronics		4	2	1h30	1h30	
Methodological Teaching Unit Code : UEM 3.2 Credits : 9 Coefficients : 5	End-of-Cycle Project		4	2			3h00
	Control Systems and Regulation Lab		2	1			1h30
	Sensors and Instrumentation Lab		2	1			1h30
	Power and Pulse Electronics Lab		1	1			1h00
Discovery Teaching Unit Code : UED 3.2 Credits : 2 Coefficients : 2	Optoelectronic Devices		2	2	3h00		
Transversal Teaching Unit Code : UET 3.2 Credits : 1 Coefficients : 1	Partnership		1	1	1h30		
Total Semester **6**			**30**	**17**	**12h00**	**6h00**	**7h00**

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