Year	Sem	Subject name	Weekly number of hours				Practice	ECTS
			Lecture	Tutorial	Labwork	Project		
First Year Compulsory subjects								
1	1	Calculus 1	2	2				4
1	1	Linear Algebra, Analytical and Differential Geometry	2	2				4
1	1	Fundamentals of Electrical Engineering 1	2	1				4
1	1	Operating Systems 1	2		2			4
1	1	Programming Languages	2		2			4
1	1	Computer Aided Graphics	1		1			3
1	1	Chemistry	1	1				3
1	1	Professional communication 1		2				2
1	1	Physical Education 1		1				2
1	2	Calculus 2	2	2				5
1	2	Physics 1	2	1	1			4
1	2	Fundamentals of Electrical Engineering 2	2	2				4
1	2	Electronic Devices	2		2			4
1	2	Data Structures and Algorithms	2		2			5
1	2	Applied Informatics	2		2			4
1	2	Professional communication 2		1				2
1	2	Physical Education 2		1				2
Facultative subjects								
1	1	European Culture and Civilization 1		2				2
1	1	Foreign language 1		2				2
1	1	Romanian Language and Culture for Foreign Students 1		2				2
1	1	Education psychology (RO)	2	2				5
1	1	Volunteering 1					4	3
1	2	European Culture and Civilization 2 (RO)		2				2
1	2	Foreign language 2		2				2

Year	Sem	Subject	C	S	L	P	V	Credits
1	2	Romanian Language and Culture for Foreign Students 2		2				2
1	2	Pedagogy 1 (RO)	2	2				5
1	2	Volunteering 2 (RO)					4	3
		Second Year Compulsory subjects						
2	1	Special Mathematics	2	2				4
2	1	Probability Theory and Mathematical Statistics	2	1				4
2	1	Physics II	2		1			4
2	1	Fundamental Electronic Circuits	2		1			4
2	1	Digital Integrated Circuits	2		2			4
2	1	Databases	2		1			4
2	1	Object Oriented Programming	2		2			4
2	1	Microeconomics	1	1				2
2	2	Microprocessor Architecture	2		2			5
2	2	Signals and Systems	2	1	1			5
2	2	Fundamentals of Electrical Engineering 3	2	1	1			4
2	2	Numerical Methods	2		2			5
2	2	Operating Systems 2	2		1	1		5
2	2	Electronic Measurements, Sensors and Transducers	2		2			4
2	2	Macroeconomics	1	1				2
		Facultative subjects						
2	1	Romanian Language and Culture for Foreign Students 3		2				2
2	1	Foreign Language 3		2				2
2	1	Pedagogy 2 (RO)	2	2				5
2	1	Volunteering 3 (RO)					4	3
2	2	Romanian Language and Culture for Foreign Students 4 (RO)		2				2
2	2	Foreign Language 4		2				2
2	2	Specialty Didactics (RO)	2	2				5
2	2	Volunteering 4 (RO)					4	3

		Third Year Compulsory subjects						
3	1	Data Transmissions	2		1			4
3	1	Digital Integrated Circuits Project				2		2
3	1	Computer Networks	2		2			4
3	1	Analog Integrated Circuits	2		1			3
3	1	Advanced Computer Graphics	2		1			3
3	1	Money and Banking	1	1				2
3	1	Computer Architecture	1		2			4
3	2	Digital Signal Processing	2		2			3
3	2	Neural Networks and Genetic Algorithms	2		2			3
3	2	Microwaves	2		1			3
3	2	Business Administration	1	1				2
3	2	Internet Programming Technologies	2		1			4
3	2	Microcontrollers	2		1	1		3
3	2	Internship					360 h	8
		Optional Subjects O1						
3	1	Quality and Reliability	2		1			4
3	1	Application Development for Mobile Devices	2		1			4
3	1	Introduction to SAP	2		1			4
		Optional Subjects O2						
3	1	Algorithm Design and Complexity	2		1			4
3	1	Internet of Things	2		1			4
		Optional Subjects O3						
3	2	Human-Computer Interaction	2		1			3
3	2	Matlab Programming	2		1			3
		Optional Subjects O4						
3	2	Multiplexed Transmission Systems	2		1			3
3	2	Nanotechnology in Electronics	2		1			3
		Facultative subjects						
3	1	Computer Assisted Training (RO)	1	1				2
3	1	Pedagogy internship 1 (RO)					42h	3

3	1	Volunteering 5 (RO)					4	3
3	2	Classroom management (RO)	1	1				3
3	2	Pedagogy internship 2 (RO)					36h	2
3	2	Pedagogy level 1 exam (RO)						5
3	2	Volunteering 6 (RO)					4	3
Fourth Year Compulsory subjects								
4	1	Image Processing	2		2			5
4	1	Television	2		2			5
4	1	Software Engineering	2		1	1		5
4	1	Fundamentals of Management	1	1				2
4	2	Optoelectronics	2		2			4
4	2	Security and Encryption	2		1	1		4
4	2	Electronic CAD	2		2			4
4	2	Neural Networks and Fuzzy Systems - Project				2		2
4	2	Estimation and Control in Information Processing	1		1			4
4	2	Industrial Management	1	1				2
4	2	Practice of the Diploma Project					60h	4
4	2	Development of the Diploma Project					4	2
Optional Subjects O1								
4	1	Microprocessor Systems	2		2			4
4	1	Mobile Communications Systems	2		2			4
Optional Subjects O2								
4	1	Analog & Digital Transmissions	2		1	1		5
4	1	Systems Engineering	2		1	1		5
Optional Subjects O3								
4	1	Programmable Systems with FPGA	2		2			4
4	1	Programmable Systems with PLC	2		2			4
Optional Subjects O4								
4	2	Robotics and intelligent agents	2		2			4
4	2	Medical Electronics	2		2			4
Facultative subjects								

4	1	Volunteering 7 (RO)					4	3
4	2	Volunteering 8 (RO)					4	3