			W		numbe ours	93	ECTS	
Year	Sem Subject name	Lecture	Tutorial	Labwork	Project	Practice		
		First Year Compulsory	subje	cts				
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 subject	ets					
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

1	2	Romanian Language and Culture for Foreign Students 2		2				2
-1	2		2	2				
1	2	Pedagogy 1 (RO)	2	2				5
1	2	Volunteering 2 (RO)					4	3
		Second Year Compulsory	subje	ects				
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 subject	ts					
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
		I						

		Third Year Compulsory	subje	cts				
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	01					
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	03					
3	2	Human-Computer Interaction	2		1			3
3	2	Matlab Programming	2		1			3
		Optional Subjects	04					
3	2	Multiplexed Transmission Systems	2		1			3
3	2	Nanotechnology in Electronics	2		1			3
		Facultative subject	ets					
3	1	Computer Assisted Training (RO)	1	1				2
3	1	Pedagogy internship 1 (RO)					42h	3

3	3	1	Volunteering 5 (RO)					4	3
3	3	2	Classroom management (RO)	1	1				3
Solution   Fourth Year Compulsory subjects   Fourth Year Compulsory subjects	3	2	Pedagogy internship 2 (RO)					36h	2
Fourth Year Compulsory subjects	3	2	Pedagogy level 1 exam (RO)						5
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         1         2           4         2         Optoelectronics         2         2         2         4           4         2         Security and Encryption         2         1         1         4           4         2         Security and Encryption         2         2         4         4           4         2         Electronic CAD         2         2         2         4           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Estimation and Control in Information Project and Proj	3	2	Volunteering 6 (RO)					4	3
4         1         Television         2         2         5           4         1         Software Engineering         2         1         1         5           4         1         Fundamentals of Management         1         1         2         2         4           4         2         Optoelectronics         2         2         2         4           4         2         Security and Encryption         2         1         1         4           4         2         Security and Encryption         2         1         1         4           4         2         Security and Encryption         2         2         4           4         2         Security and Encryption         2         2         4           4         2         Betectronic CAD         2         2         2         4           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Industrial Management         1         1         1         1         2           4         2         Practice of the Diploma Project         0         60h         4			Fourth Year Compulsory	y subj	ects				
4         1         Software Engineering         2         1         1         5           4         1         Fundamentals of Management         1         1         1         2           4         2         Optoelectronics         2         2         2         4           4         2         Security and Encryption         2         1         1         4           4         2         Electronic CAD         2         2         2         4           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Estimation and Control in Information Project         1         1         1         1         2         2         2           4         2         Industrial Management         1         1         1         2         2         4         2           Optional Subjects O1           4         1         Microprocessor Systems         2         2         2         4         4           Optional Subjects O2	4	1	Image Processing	2		2			5
4         1         Fundamentals of Management         1         1         1         2           4         2         Optoelectronics         2         2         2         4           4         2         Security and Encryption         2         1         1         4           4         2         Electronic CAD         2         2         2         4           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Estimation and Control in Information Project         1         1         1         4         4           4         2         Industrial Management         1         1         1         2         2         4           4         2         Practice of the Diploma Project         4         2         60h         4         2           Optional Subjects O1           Optional Subjects O2           4         1         Mobile Communications Systems         2         2         2         4           4         1         Analog & Digital Transmissions         2         1         1         5           4         1	4	1	Television	2		2			5
4         2         Optoelectronics         2         2         4           4         2         Security and Encryption         2         1         1         4           4         2         Electronic CAD         2         2         2         4           4         2         Neural Networks and Fuzzy Systems - Project         2         2         2         2           4         2         Estimation and Control in Information Project         1         1         1         4         4           4         2         Industrial Management         1         1         1         2         2         4           4         2         Practice of the Diploma Project         4         2         60h         4           4         2         Development of the Diploma Project         4         2         2         4         2           Optional Subjects O1           4         1         Mobile Communications Systems         2         2         2         4           4         1         Analog & Digital Transmissions         2         1         1         5           4         1         Systems Engineering         2         1	4	1	Software Engineering	2		1	1		5
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         2           4         2         Estimation and Control in Information Project         1         1         1         4           4         2         Industrial Management         1         1         1         2         2           4         2         Practice of the Diploma Project         60h         4         2         60h         4           4         2         Development of the Diploma Project         4         2         2         4         2           Optional Subjects O1           4         1         Mobile Communications Systems         2         2         4         4           4         1         Analog & Digital Transmissions         2         1         1         5           4         1         Systems Engineering         2         1         1         5           4         1         Programmable Systems with PPGA         2         2         2	4	1	Fundamentals of Management	1	1				2
A	4	2	Optoelectronics	2		2			4
4         2         Neural Networks and Fuzzy Systems - Project         2         2           4         2         Estimation and Control in Information Processing         1         1         1         4           4         2         Industrial Management         1         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         Mobile Communications Systems         2         2         4           Optional Subjects O2           4         1         Analog & Digital Transmissions         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	4	2	Security and Encryption	2		1	1		4
A	4	2	Electronic CAD	2		2			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       2       4         4       1       Mobile Communications Systems       2       2       4       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	4	2					2		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	4	2		1		1			4
4         2         Development of the Diploma Project         4         2           Optional Subjects O1           4         1         Microprocessor Systems         2         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	4	2	Industrial Management	1	1				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	4	2	Practice of the Diploma Project					60h	4
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	4	2	Development of the Diploma Project					4	2
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	01					
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	4	1	Microprocessor Systems	2		2			4
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	4	1	Mobile Communications Systems	2		2			4
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           4         1         Programmable Systems with PLC         2         2         4			Optional Subjects	<b>O2</b>					
Optional Subjects O3  4 1 Programmable Systems with FPGA 2 2 4  4 1 Programmable Systems with PLC 2 2 4	4	1	Analog & Digital Transmissions	2		1	1		5
4 1 Programmable Systems with FPGA 2 2 4 4 1 Programmable Systems with PLC 2 2 4	4	1	Systems Engineering	2		1	1		5
4 1 Programmable Systems with PLC 2 2 4			Optional Subjects	03					
	4	1	Programmable Systems with FPGA	2		2			4
0.41.10.11.4.04	4	1	Programmable Systems with PLC	2		2			4
Optional Subjects O4			Optional Subjects	04					
4 2 Robotics and intelligent agents 2 2 4	4	2	Robotics and intelligent agents	2		2			4
4 2 Medical Electronics 2 2 4	4	2	Medical Electronics	2		2			4
Facultative subjects			Facultative subject	ets					

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