

CODUL SI	DENUMIREA DISCIPLINEI	Anul : I								Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina			
		SEM 1 14 sapt				SEM 2 14 sapt				E	C	V	Total	C	Apl	St. ind	1	2	cat	tip		
		C	S	L	P	PR	C	S	L												P	PR
1.00	Mathematical Analysis I (Differential Calculus)	2	2	0	0	0					Nota	100	28	28	44	4.0		DF	DI			
2.00	Linear Algebra and Analytical Geometry	2	2	0	0	0					Nota	100	28	28	44	4.0		DF	DI			
3.00	Special Mathematics	2	2	0	0	0					Nota	125	28	28	69	5.0		DF	DI			
4.00	Logic Design	2	0	2	0	0					Nota	125	28	28	69	5.0		DD	DI			
5.00	Computer Programming	2	1	2	0	0					Nota	150	28	42	80	6.0		DF	DI			
6.00	Physics	2	0	1	0	0					Nota	100	28	14	58	4.0		DF	DI			
7.10	English I	0	2	0	0	0					Nota	50	0	28	22	2.0		DC	DO			
7.20	French I	0	2	0	0	0					Nota	50	0	28	22	2.0		DC	DO			
7.30	German I	0	2	0	0	0					Nota	50	0	28	22	2.0		DC	DO			
8.00	Mathematical Analysis II (Integral and Differential Calculus)						2	2	0	0	0	Nota	125	28	28	69	5.0		DF	DI		
9.00	Assembly Language Programming						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DI		
10.00	Electrotechnics						3	0	1	0	0	Nota	125	42	14	69	5.0		DD	DI		
11.00	Digital System Design						3	0	2	0	0	Nota	150	42	28	80	6.0		DD	DI		
12.00	Data Structures and Algorithms						3	0	2	0	0	Nota	150	42	28	80	6.0		DD	DI		
13.10	English II						0	2	0	0	0	Nota	50	0	28	22	2.0		DC	DO		
13.20	French II						0	2	0	0	0	Nota	50	0	28	22	2.0		DC	DO		
13.30	German II						0	2	0	0	0	Nota	50	0	28	22	2.0		DC	DO		
14.00	Sports I						0	2	0	0	0	A/R	50	0	28	22	2.0		DC	DI		
TOTAL AN		12	9	5	0	0	13	6	7	0	0	sem1 sem2	5 5	2 1	0 1	1500	350	378	772	30.0	30.0	

101.00	Fundamentals of Electronic Circuits	2	1	1	0	0					Nota	125	28	28	69	5.0		DD	Dfac	
200.00	Educational Psychology	2	2	0	0	0					Nota	125	28	28	69	5.0		DC	Dfac	
301.00	Volunteering 1	0	1	0	0	0					A/R	50	0	14	36	2.0		DC	Dfac	
102.00	Chemistry						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	Dfac
201.00	Pedagogy I (The Fundamentals of Pedagogy,						2	2	0	0	0	Nota	125	28	28	69	5.0		DC	Dfac

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Curriculum Theory and Methodology)																					
302.00 Volunteering 2					0	1	0	0	0		A/R	50	0	14	36		2.0	DC Dfac			
TOTAL AN	4	4	1	0	0	4	3	2	0	0	sem1	1	1	1	575	112	140	323	12.0	11.0	
			9.00					9.00			sem2	2	0	1							

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CODUL SI DENUMIREA DISCIPLINEI	Anul : II					Forma de verificare E C V	Nr.ore/disciplina				Credite/sem		Disciplina						
	SEM 1		14 sapt				SEM 2		14 sapt		Total	C	Apl	St. ind	1	2	cat	tip	
	C	S	L	P	PR		C	S	L	P									PR
15.00 Electronic Measurements and Sensors	2	0	2	0	0		Nota	100	28	28	44	4.0		DID	DI				
16.00 Fundamental Algorithms	2	1	2	0	0		Nota	150	28	42	80	6.0		DID	DI				
17.00 Analog and Digital Circuits	2	0	2	0	0		Nota	100	28	28	44	4.0		DID	DI				
18.00 Object - Oriented Programming	2	0	2	0	0		Nota	125	28	28	69	5.0		DID	DI				
19.00 Databases	2	0	2	0	0		Nota	100	28	28	44	4.0		DID	DI				
20.00 Special Mathematics in Engineering	2	2	0	0	0		Nota	125	28	28	69	5.0		DF	DI				
21.10 English Language I - Technical Documents Elaboration	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DO				
21.20 French Language I - Technical Documents Elaboration	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DO				
21.30 German Language I - Technical Documents Elaboration	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DO				
22.00 Systems Theory						2	0	2	0	0	Nota	100	28	28	44	4.0	DID	DI	
23.00 Computer Architecture						2	0	2	0	0	Nota	125	28	28	69	5.0	DID	DI	
24.00 Numerical Methods						2	0	2	0	0	Nota	100	28	28	44	4.0	DF	DI	
25.00 Fundamental Programming Techniques						2	0	2	0	0	Nota	100	28	28	44	4.0	DF	DI	
26.00 Operating Systems						2	0	2	0	0	Nota	125	28	28	69	5.0	DID	DI	
27.00 Computer-Aided Graphics						2	0	2	0	0	Nota	100	28	28	44	4.0	DF	DI	
28.10 English Language II - Technical Documents Elaboration						2	0	0	0	0	Nota	50	28	0	22	2.0	DC	DO	
28.20 French Language I - Technical Documents Elaboration						2	0	0	0	0	Nota	50	28	0	22	2.0	DC	DO	
28.30 German Language II - Technical Documents Elaboration						2	0	0	0	0	Nota	50	28	0	22	2.0	DC	DO	
29.00 Sports II						0	2	0	0	0	A/R	50	0	28	22	2.0	DC	DI	
TOTAL AN	14	3	10	0	0	14	2	12	0	0	sem1 6 1 0 sem2 6 1 1	1500	392	378	730	30.0	30.0		

103.00 Basics of Quantum Information	2	0	1	0	0		Nota	75	28	14	33	3.0		DC	Dfac
202.00 Pedagogy II (Instruction Theory and Methodology, Assessment Theory and Methodology)	2	2	0	0	0		Nota	125	28	28	69	5.0		DC	Dfac
303.00 Volunteering 3	0	1	0	0	0		A/R	50	0	14	36	2.0		DC	Dfac

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104.00 Mechanics		2	2	0	0	0		Nota	100	28	28	44	4.0	DF	Dfac									
203.00 Didactics of the Specialization		2	2	0	0	0		Nota	125	28	28	69	5.0	DS	Dfac									
304.00 Volunteering 4		0	1	0	0	0		A/R	50	0	14	36	2.0	DC	Dfac									
TOTAL AN	4	3	1	0	0	0	4	5	0	0	0	0	sem1	1	1	1	525	112	126	287	10.0	11.0		
				8.00										sem2	1	1	1							

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CODUL SI DENUMIREA DISCIPLINEI	Anul : III					Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina					
	SEM 1		14 sapt			SEM 2		14 sapt			Total	C	Apl	St. ind	1	2	cat	tip		
	C	S	L	P	PR	C	S	L	P	PR									E	C
30.00 Design with Microprocessors	2	0	1	1	0						Nota	125	28	28	69	5.0		DID	DI	
31.00 Structure of Computer Systems	2	0	2	1	0						Nota	125	28	42	55	5.0		DID	DI	
32.00 Functional Programming	2	0	2	0	0						Nota	100	28	28	44	4.0		DID	DI	
33.00 Software Engineering	2	0	1	1	0						Nota	125	28	28	69	5.0		DID	DI	
34.00 Artificial Intelligence	2	0	2	0	0						Nota	125	28	28	69	5.0		DID	DI	
35.00 Economic Law	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DI	
36.00 Graphic Processing	2	0	2	0	0						Nota	100	28	28	44	4.0		DID	DI	
37.00 Logic Programming						2	1	2	0	0	Nota	100	28	42	30		4.0	DID	DI	
38.00 Formal Languages and Translators						2	0	2	0	0	Nota	75	28	28	19		3.0	DID	DI	
39.00 Computer Networks						2	0	2	0	0	Nota	75	28	28	19		3.0	DID	DI	
40.00 Image Processing						2	0	2	1	0	Nota	100	28	42	30		4.0	DID	DI	
41.00 Software design						2	0	2	1	0	Nota	100	28	42	30		4.0	DS	DI	
42.00 Intelligent Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	DI	
43.00 Practical Work in the Domain of Study (6 sapt)						0	0	0	0	15		A/R	100	0	90	10		4.0	DID	DI
44.00 Practical Work in the Specialization (6 sapt)						0	0	0	0	15		A/R	100	0	90	10		4.0	DS	DI
TOTAL AN	14	0	10	3	0	12	1	12	2	30	sem1	6	1	0	1500	364	572	564	30.0	30.0
											sem2	6	0	2						

105.00 Robot Control Systems	2	0	3	0	0						Nota	125	28	42	55	5.0		DS	Dfac
204.00 Computer Assisted Training	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	Dfac
205.00 Teaching Practice in Compulsory Pre-University Education (1)	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	Dfac
305.00 Volunteering 5	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	Dfac
106.00 Signals and Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	Dfac
107.00 Real-time Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	Dfac
206.00 Classroom Management						1	1	0	0	0	Nota	75	14	14	47		3.0	DC	Dfac
207.00 Teaching Practice in Compulsory Pre-University Education (2) (12 sapt)						0	0	0	0	3	Nota	50	0	36	14		2.0	DC	Dfac

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208.00 Graduation exam - Level I		0	0	0	0	0	Nota	125	0	0	125	5.0	DC	Dfac			
306.00 Volunteering 6		0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac			
TOTAL AN	3	1	4	0	3	5	2	4	0	3	sem1 0 3 1	800	112	232	456	12.0	15.0
				8.00					11.00		sem2 1 3 1						+ 5

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	SEM 1		14 sapt			SEM 2		14 sapt			Total	C	Apl	St. ind	1	2	cat	tip		
	C	S	L	P	PR	C	S	L	P	PR									E	C
45.00 Distributed Systems	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DI	
46.10 Database Design	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DO	
46.20 Computer Network Design	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DO	
47.10 Operating Systems Design	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DO	
47.20 User Interface Design	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DO	
48.10 Pattern Recognition Systems	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DO	
48.20 Translators Design	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DO	
49.10 Marketing	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DO	
49.20 Personal and Professional Development, Ethics and Academic Integrity	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DO	
50.00 Project Management	3	0	0	0	0						Nota	75	42	0	33	3.0		DS	DI	
51.00 Management and Communication	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DI	
52.00 Project Preparing Methodology						2	0	0	0	0	Nota	100	28	0	72		4.0	DS	DI	
53.00 Information Systems						2	0	2	0	0	Nota	125	28	28	69		5.0	DS	DI	
54.10 Knowledge-based Systems						2	1	2	0	0	Nota	150	28	42	80		6.0	DS	DO	
54.20 Cryptology						2	1	2	0	0	Nota	150	28	42	80		6.0	DS	DO	
55.10 Input-Output Systems and Peripheral Devices						2	0	2	0	0	Nota	125	28	28	69		5.0	DS	DO	
55.20 Parallel and Distributed Computing						2	0	2	0	0	Nota	125	28	28	69		5.0	DS	DO	
56.00 Communication Protocols and Networks Project						0	0	0	2	0	Nota	50	0	28	22		2.0	DS	DI	
57.00 Graduation Project						0	0	0	4	0	A/R	100	0	56	44		4.0	DS	DI	
58.00 Practical Placement for Diploma Thesis						0	0	0	0	5	A/R	100	0	70	30		4.0	DS	DI	
59.00 Graduation Project Defense						0	0	0	0	0	Nota	0	0	0	0		10.0	DS	DI	
TOTAL AN	15	0	8	3	0	8	1	6	6	5	sem1 sem2	5 3	2 2	0 2	1500	322	406	772	30.0 30.0 + 10	
116.00 Entrepreneurship	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	Dfac	

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117.00 Autonomous driving: Technology, Dynamics and Control	2	0	2	0	0					Nota	75	28	28	19	3.0	DC	Dfac				
307.00 Volunteering 7	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac				
308.00 Volunteering 8						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac			
TOTAL AN	4	1	2	0	0	0	1	0	0	0	sem1	0	2	1	225	56	56	113	7.0	2.0	
				7.00					1.00		sem2	0	0	1							

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