

CODUL SI DENUMIREA DISCIPLINEI		Anul : I										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	V	C	Apl	St. ind	1	2	cat	tip		
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 5 2 0 sem2 5 1 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										01000					A/R					5001436					2.0					DC Dfac				
TOTAL AN					44100					43200					sem1111 sem2201					575112140323					12.011.0									

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CODUL SI	DENUMIREA DISCIPLINEI	Anul : II								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																		
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	1500	392	378	730	30.0	30.0								
					27.00				28.00			sem2	6	1	1														

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	4	5	0	0	0	sem1	1	1	1	525	112	126	287	10.0	11.0		
			8.00					9.00			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						E C V	Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L	P	PR										
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 sem2 6 0 2	1500	364	572	564	30.0	30.0			

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	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 (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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CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV										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									
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	Diploma Project Development						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 + 10		
108.00	Entrepreneurship	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	Dfac

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109.00 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				2.0	DC	Dfac
TOTAL AN	4	1	2	0	0	0	1	0	0	0	sem1	0	2	1		
				7.00					1.00		sem2	0	0	1		
											225	56	56	113	7.0	2.0

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