

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

Pag. 1

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	Analiza matematica	2	2	0	0	0						Nota	125	28	28	69			5.0		DF	DOB	
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota	100	28	28	44			4.0		DF	DOB	
3.00	Bazele electrotehnicii	2	1	1	0	0						Nota	125	28	28	69			5.0		DF	DOB	
4.00	Fizica I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
6.00	Mecanica	2	0	1	0	0						Nota	75	28	14	33			3.0		DF	DOB	
7.00	Limbi moderne 1	0	1	0	0	0						Nota	25	0	14	11			1.0		DC	DOB	
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22			2.0		DC	DOB	
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
10.00	Fizica II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
11.00	Chimie						2	0	1	0	0	Nota	75	28	14	33			3.0		DF	DOB	
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11			1.0		DC	DOB	
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
					26.00					26.00		sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
			5.00					10.00			sem2	1	1	2								

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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												
17.00	Metode numerice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
18.00	Teoria campului electromagnetic	2	2	1	0	0						Nota	125	28	42	55			5.0		DF	DOB	
19.00	Electronica	2	0	1	1	0						Nota	125	28	28	69			5.0		DF	DOB	
20.00	Masurari electrice si electronice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
21.00	Materiale electrotehnice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
22.10	Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
22.20	Introducere in ingineria electrica	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
23.00	Economie	2	1	0	0	0						Nota	75	28	14	33			3.0		DC	DOB	
24.00	Limbi moderne 3	0	1	0	0	0						Nota	50	0	14	36			2.0		DC	DOB	
25.00	Rezistenta materialelor						2	0	1	0	0	Nota	75	28	14	33			3.0		DF	DOB	
26.00	Masini electrice I						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
27.00	Traductoare						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
28.00	Sisteme digitale						2	1	2	0	0	Nota	100	28	42	30			4.0		DF	DOB	
29.00	Teoria sistemelor si reglaj automat						2	1	2	0	0	Nota	125	28	42	55			5.0		DF	DOB	
30.00	Mecanisme						2	0	1	0	0	Nota	50	28	14	8			2.0		DS	DOB	
31.00	Unde electromagnetice						2	0	0	0	0	Nota	50	28	0	22			2.0		DF	DOB	
32.00	Ergonomie						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOB	
33.10	Limbi moderne 4 Engleza						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
33.20	Limbi moderne 4 Franceza						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
33.30	Limbi moderne 4 Germana						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
34.00	Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10			4.0		DF	DOB	
TOTAL AN		14	4	9	1	0	16	2	10	0	30	sem1	5	3	0	1500	420	454	626	30.0	30.0		
					28.00					28.00		sem2	5	4	1								

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

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metodologia evaluarii)																			
303.00 Voluntariat 3	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac		
106.00 Drept si legislatie economica						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
107.00 Ecologie si protectia mediului						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
203.00 Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69	5.0	DC	Dfac	
304.00 Voluntariat 4						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0 13.0
				11.00					11.00		sem2	1	2	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	C	S	L	P	PR																
35.00	Echipamente electrice	2	0	2	0	0											Nota		125	28	28	69		5.0		DF	DOB					
36.00	Producerea, transportul si distributia energiei electrice	2	0	2	0	0											Nota		125	28	28	69		5.0		DF	DOB					
37.00	Masini electrice II	2	0	2	1	0											Nota		150	28	42	80		6.0		DF	DOB					
38.00	Electronica de putere	2	0	2	0	0											Nota		100	28	28	44		4.0		DS	DOB					
39.00	Interfete si achizitii de date	2	1	2	0	0											Nota		150	28	42	80		6.0		DF	DOB					
40.00	Protocoale de comunicatii	2	0	2	0	0											Nota		100	28	28	44		4.0		DS	DOB					
41.00	Calitate si fiabilitate										2	1	0	0	0		Nota		75	28	14	33		3.0		DF	DOB					
42.00	Actionari electrice										2	0	2	1	0		Nota		125	28	42	55		5.0		DF	DOB					
43.00	Sisteme cu microprocesoare										2	0	2	0	0		Nota		100	28	28	44		4.0		DF	DOB					
44.00	Bazele managementului										2	2	0	0	0		Nota		100	28	28	44		4.0		DF	DOB					
45.00	Instalatii electrice										2	0	1	2	0		Nota		125	28	42	55		5.0		DS	DOB					
46.00	Masini electrice speciale										2	0	2	1	0		Nota		125	28	42	55		5.0		DS	DOB					
47.00	Practica de specialitate (3 sapt)										0	0	0	0	30		A/R		100	0	90	10		4.0		DS	DOB					
TOTAL AN		12	1	12	1	0					12	3	7	4	30		sem1	5	1	0	1500	336	482	682	30.0	30.0						
					26.00								26.00			sem2	5	1	1													

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33		3.0	DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33		3.0	DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota			75	28	14	33		3.0	DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47		3.0	DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14		2.0	DC	Dfac

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208.00 Examen de absolvire: nivelul I		0	0	0	0	0	Nota	0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6		0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1 0 4 1 sem2 1 4 1	725 140 232 353	13.0 16.0 + 5	

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CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV										Forma de verificare	Nr.ore/disciplina				Credite/sem		Disciplina	
		SEM 1					SEM 2						Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L	P	PR									
48.00	Automatizarea sistemelor de actionari electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
49.00	Tractiune electrica	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
50.00	Sisteme electromecanice I	2	0	1	0	0						Nota	100	28	14	58	4.0		DS	DOB
51.00	Controlul secvential in sisteme electromecanice	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB
52.00	Echipamente numerice avansate in sisteme electromecanice	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10	Integrare de sistem	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
54.20	Tehnici de proiectare asistata in dezvoltarea sistemelor de conversie electromecanica	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
55.00	Sisteme electromecanice II						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10	Tehnologii in dezvoltarea vehiculelor electrice urbane autonome						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
56.20	Tehnologii de conversie a energiei regenerabile						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.10	Sisteme inteligente in transporturi						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Cladiri inteligente - tehnologii, echipamente, comunicatii						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

Rector,
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58.60	Managementul mediului				2	0	2	0	0		Nota	125	28	28	69		5.0	DS	DOP				
58.70	Aplicatii ale inteligentei artificiale in ingineria medicala				2	0	2	0	0		Nota	125	28	28	69		5.0	DS	DOP				
59.10	Comunicare si tehnici de prezentare				1	0	0	0	0		Nota	25	14	0	11		1.0	DC	DOP				
59.20	Etica si integritate academica				1	0	0	0	0		Nota	25	14	0	11		1.0	DC	DOP				
60.00	Elaborarea proiectului de diploma				0	0	0	4	0		A/R	100	0	56	44		4.0	DS	DOB				
61.00	Practica pentru elaborarea proiectului de diploma				0	0	0	0	5		A/R	125	0	70	55		5.0	DS	DOB				
62.00	Sustinere lucrare de diploma				0	0	0	0	0		Nota	0	0	0	0		10.0	DS	DOB				
TOTAL AN		14	0	11	2		0	9	0	8	4	5	sem1	4	3	0	1500	322	420	758	30.0	30.0	
					27.00						26.00		sem2	1	4	2					+ 10		

307.00 Voluntariat 7	0	1	0	0	0				A/R	50	0	14	36	2.0	DC	Dfac						
308.00 Voluntariat 8						0	1	0	0	0				A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	0	1	0	0	0	0	0	1	0	0	1	sem1	0	0	1	100	0	28	72	2.0	2.0	
				1.00				1.00				sem2	0	0	1							

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PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR 2025-2026

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 Analiza matematica	2	2	0	0	0						Nota		125	28	28	69		5.0		DF	DOB	
2.00 Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota		100	28	28	44		4.0		DF	DOB	
3.00 Bazele electrotehnicii	2	1	1	0	0						Nota		125	28	28	69		5.0		DF	DOB	
4.00 Fizica I	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
5.00 Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
6.00 Mecanica	2	0	1	0	0						Nota		75	28	14	33		3.0		DF	DOB	
7.00 Limbi moderne 1	0	1	0	0	0						Nota		25	0	14	11		1.0		DC	DOB	
8.00 Educatie fizica si sport I	0	2	0	0	0						A/R		50	0	28	22		2.0		DC	DOB	
9.00 Matematici speciale						2	2	0	0	0	Nota		125	28	28	69		5.0		DF	DOB	
10.00 Fizica II						2	0	2	0	0	Nota		125	28	28	69		5.0		DF	DOB	
11.00 Chimie						2	0	1	0	0	Nota		75	28	14	33		3.0		DF	DOB	
12.00 Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota		125	28	28	69		5.0		DF	DOB	
13.00 Grafica asistata de calculator						2	0	2	0	0	Nota		100	28	28	44		4.0		DF	DOB	
14.00 Teoria circuitelor electrice						2	2	0	0	0	Nota		125	28	28	69		5.0		DF	DOB	
15.10 Limbi moderne 2 Engleza						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
15.20 Limbi moderne 2 Franceza						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
15.30 Limbi moderne 2 Germana						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
16.00 Educatie fizica si sport II						0	1	0	0	0	A/R		25	0	14	11		1.0		DC	DOB	
TOTAL AN	12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
			26.00					26.00			sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

Rector,
 Prof.Dr.Ing.Vasile Topa

Decan,
 Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
 Conf. dr. ing. Petre Dorel Teodosescu

302.00 Voluntariat 2										0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac	
TOTAL AN					2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0			
					5.00					10.00					sem2				1	1	2						

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

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												
17.00 Metode numerice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB			
18.00 Teoria campului electromagnetic	2	2	1	0	0						Nota	125	28	42	55	5.0		DF	DOB			
19.00 Electronica	2	0	1	1	0						Nota	125	28	28	69	5.0		DF	DOB			
20.00 Masurari electrice si electronice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB			
21.00 Materiale electrotehnice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB			
22.10 Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP			
22.20 Introducere in ingineria electrica	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP			
23.00 Economie	2	1	0	0	0						Nota	75	28	14	33	3.0		DC	DOB			
24.00 Limbi moderne 3	0	1	0	0	0						Nota	50	0	14	36	2.0		DC	DOB			
25.00 Rezistenta materialelor						2	0	1	0	0	Nota	75	28	14	33	3.0		DF	DOB			
26.00 Masini electrice I						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB			
27.00 Traductoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB			
28.00 Sisteme digitale						2	1	2	0	0	Nota	100	28	42	30	4.0		DF	DOB			
29.00 Teoria sistemelor si reglaj automat						2	1	2	0	0	Nota	125	28	42	55	5.0		DF	DOB			
30.00 Mecanisme						2	0	1	0	0	Nota	50	28	14	8	2.0		DS	DOB			
31.00 Unde electromagnetice						2	0	0	0	0	Nota	50	28	0	22	2.0		DF	DOB			
32.00 Ergonomie						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOB			
33.10 Limbi moderne 4 Engleza						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP			
33.20 Limbi moderne 4 Franceza						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP			
33.30 Limbi moderne 4 Germana						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP			
34.00 Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DF	DOB			
TOTAL AN	14	4	9	1	0	16	2	10	0	30	sem1 sem2	5 5	3 4	0 1	1500	420	454	626	30.0	30.0		

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

**Director departament,
Conf. dr. ing. Petre Dorel Teodosescu**

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
35.00	Echipamente electrice	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
36.00	Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
37.00	Masini electrice II	2	0	2	1	0						Nota	150	28	42	80			6.0		DF	DOB	
38.00	Electronica de putere	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOB	
39.00	Interfete si achizitii de date	2	1	2	0	0						Nota	150	28	42	80			6.0		DF	DOB	
40.00	Utilizarea energiei electrice	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOB	
41.00	Calitate si fiabilitate						2	1	0	0	0	Nota	75	28	14	33			3.0		DF	DOB	
42.00	Actionari electrice						2	0	2	1	0	Nota	125	28	42	55			5.0		DF	DOB	
43.00	Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
44.00	Bazele managementului						2	2	0	0	0	Nota	100	28	28	44			4.0		DF	DOB	
45.00	Instalatii electrice						2	0	1	2	0	Nota	125	28	42	55			5.0		DS	DOB	
46.00	Convertoare electronice de putere						2	0	2	1	0	Nota	125	28	42	55			5.0		DS	DOB	
47.00	Practica de specialitate (3 sapt)						0	0	0	0	30	A/R	100	0	90	10			4.0		DS	DOB	
TOTAL AN		12	1	12	1	0	12	3	7	4	30	sem1 sem2	5 5	1 1	0 1	1500	336	482	682	30.0	30.0		

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33	3.0		DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33	3.0		DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota			75	28	14	33	3.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14	2.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

208.00 Examen de absolvire: nivelul I						0	0	0	0	0	Nota				0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6						0	1	0	0	0	A/R				50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1	0	4	1	725	140	232	353	13.0	16.0	
				9.00					12.00		sem2	1	4	1					+ 5		

Rector,
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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									
48.00	Automatizarea sistemelor de actionari electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
49.00	Tractiune electrica	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
50.00	Utilizarea sistemelor de actionari electrice in aplicatii industriale	2	0	1	0	0						Nota	100	28	14	58	4.0		DS	DOB
51.00	Servomecanisme	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB
52.00	Modelarea si implementarea sistemelor de actionari electrice	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10	Sisteme de calcul in timp real	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
54.20	Tehnici de control si estimare in actionari electrice	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
55.00	Controlul vectorial al actionarilor electrice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10	Sisteme cu FPGA si DSP						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
56.20	Sisteme hardware pentru controlul actionarilor electrice vectoriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.10	Microcontrolere si sisteme inglobate						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Sisteme autonome cu invatare						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

Rector,
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58.60 Managementul mediului		2	0	2	0	0	Nota	125	28	28	69	5.0	DS	DOP
58.70 Aplicatii ale inteligentei artificiale in ingineria medicala		2	0	2	0	0	Nota	125	28	28	69	5.0	DS	DOP
59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
60.00 Elaborarea proiectului de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DOB
61.00 Practica pentru elaborarea proiectului de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DOB
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DOB
TOTAL AN	14 0 11 2 27.00 0	9	0	8	4	5	sem1 4 3 0 sem2 1 4 2	1500	322	420	758	30.0 30.0 + 10		

307.00 Voluntariat 7	0 1 0 0 0		A/R	50	0	14	36	2.0	DC	Dfac
308.00 Voluntariat 8		0 1 0 0 0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	0 1 0 0 1.00 0	0 1 0 0 1.00 0	sem1 0 0 1 sem2 0 0 1	100	0	28	72	2.0 2.0		

Rector,
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PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR 2025-2026

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	Analiza matematica	2	2	0	0	0						Nota		125	28	28	69		5.0		DF	DOB	
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota		100	28	28	44		4.0		DF	DOB	
3.00	Bazele electrotehnicii	2	1	1	0	0						Nota		125	28	28	69		5.0		DF	DOB	
4.00	Fizica I	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
6.00	Mecanica	2	0	1	0	0						Nota		75	28	14	33		3.0		DF	DOB	
7.00	Limbi moderne 1	0	1	0	0	0						Nota		25	0	14	11		1.0		DC	DOB	
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R		50	0	28	22		2.0		DC	DOB	
9.00	Matematici speciale						2	2	0	0	0	Nota		125	28	28	69		5.0		DF	DOB	
10.00	Fizica II						2	0	2	0	0	Nota		125	28	28	69		5.0		DF	DOB	
11.00	Chimie						2	0	1	0	0	Nota		75	28	14	33		3.0		DF	DOB	
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota		125	28	28	69		5.0		DF	DOB	
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota		100	28	28	44		4.0		DF	DOB	
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota		125	28	28	69		5.0		DF	DOB	
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota		50	28	0	22		2.0		DC	DOP	
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R		25	0	14	11		1.0		DC	DOB	
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
					26.00					26.00		sem2	5	2	1								
200.00	Psihologia educatiei	2	2	0	0	0						Nota		125	28	28	69		5.0		DC	Dfac	
301.00	Voluntariat 1	0	1	0	0	0						A/R		50	0	14	36		2.0		DC	Dfac	
101.00	Utilizare avansata MsOffice						0	0	2	0	0	A/R		50	0	28	22		2.0		DC	Dfac	
102.00	Fizica						2	1	0	0	0	Nota		75	28	14	33		3.0		DF	Dfac	
201.00	Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota		125	28	28	69		5.0		DC	Dfac	

Rector,
 Prof.Dr.Ing.Vasile Topa

Decan,
 Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
 Prof. dr.ing.mat Dan Doru Micu

302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
				5.00					10.00		sem2	1	1	2								

Rector,
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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																				
17.00	Metode numerice	2	0	2	0	0							Nota	100	28	28	44	4.0		DF	DOB		
18.00	Teoria campului electromagnetic	2	2	1	0	0							Nota	125	28	42	55	5.0		DF	DOB		
19.00	Electronica	2	0	1	1	0							Nota	125	28	28	69	5.0		DF	DOB		
20.00	Masurari electrice si electronice	2	0	2	0	0							Nota	100	28	28	44	4.0		DF	DOB		
21.00	Materiale electrotehnice	2	0	2	0	0							Nota	100	28	28	44	4.0		DF	DOB		
22.10	Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0							Nota	75	28	14	33	3.0		DS	DOP		
22.20	Introducere in ingineria electrica	2	0	1	0	0							Nota	75	28	14	33	3.0		DS	DOP		
23.00	Economie	2	1	0	0	0							Nota	75	28	14	33	3.0		DC	DOB		
24.00	Limbi moderne 3	0	1	0	0	0							Nota	50	0	14	36	2.0		DC	DOB		
25.00	Rezistenta materialelor						2	0	1	0	0		Nota	75	28	14	33	3.0		DF	DOB		
26.00	Masini electrice I						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
27.00	Traductoare						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
28.00	Sisteme digitale						2	1	2	0	0		Nota	100	28	42	30	4.0		DF	DOB		
29.00	Teoria sistemelor si reglaj automat						2	1	2	0	0		Nota	125	28	42	55	5.0		DF	DOB		
30.00	Mecanisme						2	0	1	0	0		Nota	50	28	14	8	2.0		DS	DOB		
31.00	Unde electromagnetice						2	0	0	0	0		Nota	50	28	0	22	2.0		DF	DOB		
32.00	Ergonomie						1	0	0	0	0		Nota	25	14	0	11	1.0		DC	DOB		
33.10	Limbi moderne 4 Engleza						1	0	0	0	0		Nota	25	14	0	11	1.0		DC	DOP		
33.20	Limbi moderne 4 Franceza						1	0	0	0	0		Nota	25	14	0	11	1.0		DC	DOP		
33.30	Limbi moderne 4 Germana						1	0	0	0	0		Nota	25	14	0	11	1.0		DC	DOP		
34.00	Practica de domeniu (3 sapt)						0	0	0	0	30		A/R	100	0	90	10	4.0		DF	DOB		
TOTAL AN		14	4	9	1	0	16	2	10	0	30	sem1	5	3	0	1500	420	454	626	30.0	30.0		
				28.00					28.00			sem2	5	4	1								

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
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Director departament,
Prof. dr.ing.mat Dan Doru Micu

metodologia evaluarii)																			
303.00 Voluntariat 3	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac		
106.00 Drept si legislatie economica						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
107.00 Ecologie si protectia mediului						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
203.00 Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69	5.0	DC	Dfac	
304.00 Voluntariat 4						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1 1 2 1	650	168	140	342	13.0	13.0		
				11.00				11.00			sem2 1 2 1								

CODUL SI DENUMIREA DISCIPLINEI	Anul : III										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									
35.00 Echipamente electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
36.00 Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
37.00 Masini electrice II	2	0	2	1	0						Nota	150	28	42	80	6.0		DF	DOB
38.00 Electronica de putere	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
39.00 Interfete si achizitii de date	2	1	2	0	0						Nota	150	28	42	80	6.0		DF	DOB
40.00 Utilizarea energiei electrice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	DOB
42.00 Actionari electrice						2	0	2	1	0	Nota	125	28	42	55	5.0		DF	DOB
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
44.00 Bazele managementului						2	2	0	0	0	Nota	100	28	28	44	4.0		DF	DOB
45.00 Instalatii electrice						2	0	1	2	0	Nota	125	28	42	55	5.0		DS	DOB
46.00 Masini electrice speciale						2	0	2	1	0	Nota	125	28	42	55	5.0		DS	DOB
47.00 Practica de specialitate (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DS	DOB
TOTAL AN	12	1	12	1	0	12	3	7	4	30	sem1 5 1 0 sem2 5 1 1	1500	336	482	682	30.0	30.0		

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota	75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota	75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota	75	14	28	33	3.0		DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota	75	28	14	33	3.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota	75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota	50	0	36	14	2.0		DC	Dfac

Rector,
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208.00 Examen de absolvire: nivelul I		0	0	0	0	0	Nota	0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6		0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1 0 4 1 sem2 1 4 1	725 140 232 353	13.0 16.0 + 5	

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CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV										Forma de verificare	Nr.ore/disciplina				Credite/sem		Disciplina				
		SEM 1					SEM 2						E	C	V	Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L	P	PR												
48.00	Compatibilitate electromagnetica	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
49.00	Tractiune electrica	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB			
50.00	Chestiuni speciale de electrotehnica	2	0	1	0	0						Nota	100	28	14	58	4.0		DS	DOB			
51.00	Modelarea numerica a campului electromagnetic	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB			
52.00	Modelarea numerica a circuitelor electrice	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB			
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP			
54.10	Limbaje de proiectare avansata in inginerie electrica si electronica	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP			
54.20	Compatibilitate electromagnetica in sisteme electroenergetice	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP			
55.00	Proiectarea optima a dispozitivelor electromagnetice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB			
56.10	Proiectarea dispozitivelor electrice si electronice de inalta frecventa						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
56.20	Baze de date in ingineria electrica						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
57.10	Proiectarea optima a dispozitivelor electrice si electronice utilizand PCB-uri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
57.20	Tehnologii in camp electric si magnetic intens						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			
58.40	Logistica industrială						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP			

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58.50 Tehnologii SmartGrid		2	0	2	0	0	Nota	125	28	28	69	5.0	DS	DOP
58.60 Managementul mediului		2	0	2	0	0	Nota	125	28	28	69	5.0	DS	DOP
58.70 Aplicatii ale inteligentei artificiale in ingineria medicala		2	0	2	0	0	Nota	125	28	28	69	5.0	DS	DOP
59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
60.00 Elaborare proiect de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DOB
61.00 Practica pentru elaborarea proiectului de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DOB
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DOB
TOTAL AN	14 0 11 2 0 27.00	9 0 8 4 5	sem1 4 3 0 sem2 1 4 2	1500 322 420 758	30.0 30.0 + 10									

307.00 Voluntariat 7	0 1 0 0 0		A/R	50 0 14 36	2.0	DC	Dfac
308.00 Voluntariat 8		0 1 0 0 0	A/R	50 0 14 36	2.0	DC	Dfac
TOTAL AN	0 1 0 0 0 1.00	0 1 0 0 0 1.00	sem1 0 0 1 sem2 0 0 1	100 0 28 72	2.0 2.0		

Rector,
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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									
1.00	Analiza matematica	2	2	0	0	0					Nota				125	28	28	69	5.0		DF	DOB	
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0					Nota				100	28	28	44	4.0		DF	DOB	
3.00	Bazele electrotehnicii	2	1	1	0	0					Nota				125	28	28	69	5.0		DF	DOB	
4.00	Fizica I	2	0	2	0	0					Nota				125	28	28	69	5.0		DF	DOB	
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0					Nota				125	28	28	69	5.0		DF	DOB	
6.00	Mecanica	2	0	1	0	0					Nota				75	28	14	33	3.0		DF	DOB	
7.00	Limbi moderne 1	0	1	0	0	0					Nota				25	0	14	11	1.0		DC	DOB	
8.00	Educatie fizica si sport I	0	2	0	0	0					A/R				50	0	28	22	2.0		DC	DOB	
9.00	Matematici speciale						2	2	0	0	0	Nota				125	28	28	69	5.0		DF	DOB
10.00	Fizica II						2	0	2	0	0	Nota				125	28	28	69	5.0		DF	DOB
11.00	Chimie						2	0	1	0	0	Nota				75	28	14	33	3.0		DF	DOB
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota				125	28	28	69	5.0		DF	DOB
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota				100	28	28	44	4.0		DF	DOB
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota				125	28	28	69	5.0		DF	DOB
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota				50	28	0	22	2.0		DC	DOP
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota				50	28	0	22	2.0		DC	DOP
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota				50	28	0	22	2.0		DC	DOP
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R				25	0	14	11	1.0		DC	DOB
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
				26.00					26.00			sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

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302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
				5.00					10.00		sem2	1	1	2								

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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												
17.00 Metode numerice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
18.00 Teoria campului electromagnetic	2	2	1	0	0						Nota				125	28	42	55	5.0		DF	DOB
19.00 Electronica	2	0	1	1	0						Nota				125	28	28	69	5.0		DF	DOB
20.00 Masurari electrice si electronice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
21.00 Materiale electrotehnice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
22.10 Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota				75	28	14	33	3.0		DS	DOP
22.20 Introducere in ingineria electrica	2	0	1	0	0						Nota				75	28	14	33	3.0		DS	DOP
23.00 Economie	2	1	0	0	0						Nota				75	28	14	33	3.0		DC	DOB
24.00 Limbi moderne 3	0	1	0	0	0						Nota				50	0	14	36	2.0		DC	DOB
25.00 Rezistenta materialelor						2	0	1	0	0	Nota				75	28	14	33	3.0		DF	DOB
26.00 Masini electrice I						2	0	2	0	0	Nota				100	28	28	44	4.0		DF	DOB
27.00 Traductoare						2	0	2	0	0	Nota				100	28	28	44	4.0		DF	DOB
28.00 Sisteme digitale						2	1	2	0	0	Nota				100	28	42	30	4.0		DF	DOB
29.00 Teoria sistemelor si reglaj automat						2	1	2	0	0	Nota				125	28	42	55	5.0		DF	DOB
30.00 Mecanisme						2	0	1	0	0	Nota				50	28	14	8	2.0		DS	DOB
31.00 Unde electromagnetice						2	0	0	0	0	Nota				50	28	0	22	2.0		DF	DOB
32.00 Ergonomie						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOB
33.10 Limbi moderne 4 Engleza						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
33.20 Limbi moderne 4 Franceza						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
33.30 Limbi moderne 4 Germana						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
34.00 Practica de domeniu (3 sapt)						0	0	0	0	30	A/R				100	0	90	10	4.0		DF	DOB
TOTAL AN	14	4	9	1	0	16	2	10	0	30	sem1	5	3	0	1500	420	454	626	30.0	30.0		
			28.00					28.00			sem2	5	4	1								

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

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metodologia evaluarii)																			
303.00 Voluntariat 3	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac		
106.00 Drept si legislatie economica						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
107.00 Ecologie si protectia mediului						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
203.00 Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69	5.0	DC	Dfac	
304.00 Voluntariat 4						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0 13.0
				11.00				11.00			sem2	1	2	1					

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												
35.00 Echipamente electrice	2	0	2	0	0						Nota			125	28	28	69	5.0		DF	DOB	
36.00 Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota			125	28	28	69	5.0		DF	DOB	
37.00 Masini electrice II	2	0	2	1	0						Nota			150	28	42	80	6.0		DF	DOB	
38.00 Electronica de putere	2	0	2	0	0						Nota			100	28	28	44	4.0		DS	DOB	
39.00 Interfete si achizitii de date	2	1	2	0	0						Nota			150	28	42	80	6.0		DF	DOB	
40.00 Protocoale de comunicatii	2	0	2	0	0						Nota			100	28	28	44	4.0		DS	DOB	
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	DOB	
42.00 Actionari electrice						2	0	2	1	0	Nota			125	28	42	55	5.0		DF	DOB	
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota			100	28	28	44	4.0		DF	DOB	
44.00 Bazele managementului						2	2	0	0	0	Nota			100	28	28	44	4.0		DF	DOB	
45.00 Instalatii electrice						2	0	1	2	0	Nota			125	28	42	55	5.0		DS	DOB	
46.00 Instrumentatie virtuala						2	0	2	1	0	Nota			125	28	42	55	5.0		DS	DOB	
47.00 Practica de specialitate (3 sapt)						0	0	0	0	30	A/R			100	0	90	10	4.0		DS	DOB	
TOTAL AN	12	1	12	1	0	12	3	7	4	30	sem1 5 1 0		1500 336 482 682	30.0	30.0							
				26.00					26.00		sem2 5 1 1											

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33		3.0	DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33		3.0	DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota			75	28	14	33		3.0	DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47		3.0	DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14		2.0	DC	Dfac

Rector,
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Director departament,
Prof. dr.ing.mat Dan Doru Micu

208.00 Examen de absolvire: nivelul I						0	0	0	0	0	Nota				0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6						0	1	0	0	0	A/R				50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1	0	4	1	725	140	232	353	13.0	16.0	
				9.00					12.00		sem2	1	4	1					+ 5		

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Prof. dr.ing.mat Dan Doru Micu

CODUL SI DENUMIREA DISCIPLINEI	Anul : IV								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									
48.00 Compatibilitate electromagnetica	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
49.00 Metrologie legala si aplicata	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
50.00 Procesarea numerica a imaginilor	2	0	1	0	0						Nota	100	28	14	58	4.0		DS	DOB
51.00 Servomecanisme	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB
52.00 Instrumentatie electronica	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
53.10 Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20 Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30 Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40 Mentenanta sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.50 Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60 Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70 Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10 Interfatarea sistemelor de masurare	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
54.20 CAD a sistemelor de masurare distribuite	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
55.00 Sisteme senzoriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10 Convertoare de masurare						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
56.20 Structuri de convertoare statice pentru instrumentatie						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.10 Masurari numerice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20 Masurari in procese industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10 Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20 Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30 Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40 Logistica industrială						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50 Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.60 Managementul mediului						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.70 Aplicatii ale inteligentei artificiale in ingineria medicala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

Rector,
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59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
60.00 Elaborarea proiectului de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DOB
61.00 Practica pentru elaborarea proiectului de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DOB
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DOB
TOTAL AN	14 0 11 2 27.00	0	9	0	8	4	5 sem1 4 3 0 sem2 1 4 2	1500	322	420	758	30.0 30.0 + 10		

307.00 Voluntariat 7	0 1 0 0 0						A/R	50	0	14	36	2.0	DC	Dfac
308.00 Voluntariat 8			0	1	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	0 1 0 0 1.00	0	0	1	0	0	0 sem1 0 0 1 sem2 0 0 1	100	0	28	72	2.0 2.0		

Rector,
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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	Analiza matematica	2	2	0	0	0						Nota	125	28	28	69	5.0		DF	DOB			
2.00	Algebra liniara si geometrie analitica si diferentiala	2	2	0	0	0						Nota	125	28	28	69	5.0		DF	DOB			
3.00	Fizica I	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
4.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB			
5.00	Chimie	2	0	1	0	0						Nota	75	28	14	33	3.0		DF	DOB			
6.00	Teoria circuitelor electrice I	2	0	1	0	0						Nota	75	28	14	33	3.0		DF	DOB			
7.00	Limbi moderne 1	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DOB			
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22	2.0		DC	DOB			
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69	5.0		DF	DOB			
10.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DOB			
11.00	Grafica asistata de calculator						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DOB			
12.00	Fizica II						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	DOB			
13.00	Mecanica						2	0	1	0	0	Nota	75	28	14	33	3.0		DF	DOB			
14.00	Teoria circuitelor electrice II						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	DOB			
15.10	Arhitecturi de calculatoare si sisteme de operare						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	DOP			
15.20	Introducere in ingineria electrica						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	DOP			
16.00	Limbi moderne 2						0	1	0	0	0	Nota	25	0	14	11	1.0		DC	DOB			
17.00	Educatie fizica si sport II						0	1	0	0	0	A/R	50	0	14	36	2.0		DC	DOB			
TOTAL AN		14	6	6	0	0	14	6	6	0	0	sem1 sem2	5 5	2 3	1 1	1500 392	336 772	30.0 30.0					

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac
302.00 Voluntariat 2						0	1	0	0	0	A/R			50	0	14	36	2.0		DC	Dfac

Rector,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

TOTAL AN	2	3	0	0	0	4	4	0	0	0	sem1	1	0	1	425	84	98	243	7.0	10.0	
	5.00					8.00					sem2	1	1	1							

Rector,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

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												
18.00	Metode numerice	2	0	2	1	0							Nota	125	28	42	55	5.0		DF	DOB		
19.00	Teoria campului electromagnetic I	2	1	1	0	0							Nota	100	28	28	44	4.0		DF	DOB		
20.00	Electronica I	2	0	1	0	0							Nota	100	28	14	58	4.0		DF	DOB		
21.00	Masurari electrice si electronice	2	0	2	0	0							Nota	100	28	28	44	4.0		DF	DOB		
22.00	Stiinta si ingineria materialelor	2	0	2	0	0							Nota	100	28	28	44	4.0		DF	DOB		
23.00	Rezistenta materialelor	2	0	1	0	0							Nota	100	28	14	58	4.0		DS	DOB		
24.00	Economie	2	1	0	0	0							Nota	75	28	14	33	3.0		DC	DOB		
25.00	Limbi moderne 3	0	2	0	0	0							Nota	50	0	28	22	2.0		DC	DOB		
26.00	Teoria campului electromagnetic II						2	2	1	0	0		Nota	100	28	42	30	4.0		DF	DOB		
27.00	Masini electrice I						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
28.00	Traductoare						2	0	2	1	0		Nota	100	28	42	30	4.0		DF	DOB		
29.00	Sisteme digitale						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
30.00	Materiale electrotehnice						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
31.00	Teoria sistemelor si reglaj automat						2	0	2	0	0		Nota	100	28	28	44	4.0		DF	DOB		
32.00	Limbi moderne 4						0	2	0	0	0		Nota	50	0	28	22	2.0		DC	DOB		
33.00	Practica de domeniu (3 sapt)						0	0	0	0	30		A/R	100	0	90	10	4.0		DF	DOB		
TOTAL AN		14	4	9	1	0	12	4	11	1	30	sem1	5	3	0	1500	364	510	626	30.0	30.0		
					28.00					28.00		sem2	5	2	1								

103.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
104.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluarii)	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
303.00 Voluntariat 3	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
105.00 Drept si legislatie economica						2	1	0	0	0	Nota			75	28	14	33	3.0		DC	Dfac
106.00 Ecologie si protectia mediului						2	1	0	0	0	Nota			75	28	14	33	3.0		DC	Dfac
203.00 Didactica specializarii						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac
304.00 Voluntariat 4						0	1	0	0	0	A/R			50	0	14	36	2.0		DC	Dfac

Rector,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0	13.0	
				11.00					11.00		sem2	1	2	1							

Rector,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

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												
34.00	Echipamente electrice	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
35.00	Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
36.00	Masini electrice II	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
37.00	Electronica II	2	0	1	0	0						Nota		75	28	14	33		3.0		DF	DOB	
38.00	Interfete si achizitii de date	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
39.00	Utilizarea energiei electrice	2	0	2	0	0						Nota		125	28	28	69		5.0		DS	DOB	
40.00	Management	2	1	0	0	0						Nota		50	28	14	8		2.0		DF	DOB	
41.00	Calitate si fiabilitate						2	2	0	0	0	Nota		100	28	28	44		4.0		DF	DOB	
42.00	Actionari electrice						2	0	1	2	0	Nota		125	28	42	55		5.0		DF	DOB	
43.00	Sisteme cu microprocesoare						2	0	2	0	0	Nota		100	28	28	44		4.0		DF	DOB	
44.00	Compatibilitate electromagnetica						2	0	2	0	0	Nota		100	28	28	44		4.0		DF	DOB	
45.00	Instalatii electrice						2	0	1	2	0	Nota		125	28	42	55		5.0		DS	DOB	
46.00	Sisteme integrate de conversie a energiei						2	0	2	0	0	Nota		100	28	28	44		4.0		DS	DOB	
47.00	Practica de specialitate (3 sapt)						0	0	0	0	30	A/R		100	0	90	10		4.0		DS	DOB	
TOTAL AN		14	1	11	0	0	12	2	8	4	30	sem1 4 3 0		1500	364	454	682		30.0	30.0			
					26.00					26.00		sem2 4 2 1											

107.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
108.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
109.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33	3.0		DS	Dfac
109.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33	3.0		DS	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			50	14	14	22	2.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14	2.0		DC	Dfac

Rector,
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Decan,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

208.00 Examen de absolvire: nivelul I						0	0	0	0	0	Nota				0	0	0	0	5.0		DC	Dfac
306.00 Voluntariat 6						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	4	2	3	0	3	4	2	3	0	3	sem1	0	4	1	625	112	218	295	13.0	12.0		
				9.00					9.00		sem2	0	4	1					+ 5			

Rector,
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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	Analiza matematica	2	2	0	0	0						Nota	125	28	28	69		5.0		DF	DOB		
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota	100	28	28	44		4.0		DF	DOB		
3.00	Bazele electrotehnicii	2	1	1	0	0						Nota	125	28	28	69		5.0		DF	DOB		
4.00	Fizica I	2	0	2	0	0						Nota	125	28	28	69		5.0		DF	DOB		
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69		5.0		DF	DOB		
6.00	Mecanica	2	0	1	0	0						Nota	75	28	14	33		3.0		DF	DOB		
7.00	Limbi moderne 1	0	1	0	0	0						Nota	25	0	14	11		1.0		DC	DOB		
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22		2.0		DC	DOB		
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
10.00	Fizica II						2	0	2	0	0	Nota	125	28	28	69		5.0		DF	DOB		
11.00	Chimie						2	0	1	0	0	Nota	75	28	14	33		3.0		DF	DOB		
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69		5.0		DF	DOB		
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota	50	28	0	22		2.0		DC	DOP		
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota	50	28	0	22		2.0		DC	DOP		
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota	50	28	0	22		2.0		DC	DOP		
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11		1.0		DC	DOB		
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
					26.00					26.00		sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

Rector,
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Decan,
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Director departament,
Conf. dr. ing. Horia Gheorghe Beleiu

302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
			5.00					10.00			sem2	1	1	2								

Rector,
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Director departament,
Conf. dr. ing. Horia Gheorghe Beleiu

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									
17.00 Metode numerice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
18.00 Teoria campului electromagnetic	2	2	1	0	0						Nota	125	28	42	55	5.0		DF	DOB
19.00 Electronica	2	0	1	1	0						Nota	125	28	28	69	5.0		DF	DOB
20.00 Masurari electrice si electronice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
21.00 Materiale electrotehnice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
22.10 Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP
22.20 Introducere in ingineria electrica	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP
23.00 Economie	2	1	0	0	0						Nota	75	28	14	33	3.0		DC	DOB
24.00 Limbi moderne 3	0	1	0	0	0						Nota	50	0	14	36	2.0		DC	DOB
25.00 Rezistenta materialelor						2	0	1	0	0	Nota	75	28	14	33	3.0		DF	DOB
26.00 Masini electrice I						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
27.00 Traductoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
28.00 Sisteme digitale						2	1	2	0	0	Nota	100	28	42	30	4.0		DS	DOB
29.00 Teoria sistemelor si reglare automata						2	1	2	0	0	Nota	125	28	42	55	5.0		DF	DOB
30.00 Mecanisme						2	0	1	0	0	Nota	50	28	14	8	2.0		DS	DOB
31.00 Unde electromagnetice						2	0	0	0	0	Nota	50	28	0	22	2.0		DF	DOB
32.00 Ergonomie						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOB
33.10 Limbi moderne 4 Engleza						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP
33.20 Limbi moderne 4 Franceza						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP
33.30 Limbi moderne 4 Germana						1	0	0	0	0	Nota	25	14	0	11	1.0		DC	DOP
34.00 Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DF	DOB
TOTAL AN	14	4	9	1	0	16	2	10	0	30	sem1 5 3 0 sem2 5 4 1	1500	420	454	626	30.0	30.0		

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Conf. dr. ing. Horia Gheorghe Beleiu

**Director departament,
Conf. dr. ing. Horia Gheorghe Beleiu**

CODUL SI DENUMIREA DISCIPLINEI	Anul : III										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									
35.00 Echipamente electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
36.00 Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
37.00 Masini electrice II	2	0	2	1	0						Nota	150	28	42	80	6.0		DF	DOB
38.00 Electronica de putere	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
39.00 Protocoale de comunicatii	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
40.00 Utilizarea energiei electrice	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DOB
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	DOB
42.00 Actionari electrice						2	0	2	1	0	Nota	125	28	42	55	5.0		DF	DOB
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DOB
44.00 Bazele managementului						2	2	0	0	0	Nota	100	28	28	44	4.0		DF	DOB
45.00 Instalatii electrice						2	0	1	2	0	Nota	125	28	42	55	5.0		DS	DOB
46.00 Transportul si distributia energiei electrice						2	0	2	1	0	Nota	125	28	42	55	5.0		DF	DOB
47.00 Practica de specialitate (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DS	DOB
TOTAL AN	12	0	12	2	0	12	3	7	4	30	sem1 4 2 0 sem2 6 0 1	1500	336	482	682	30.0	30.0		

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota	75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota	75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota	75	14	28	33	3.0		DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota	75	28	14	33	3.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota	75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota	50	0	36	14	2.0		DC	Dfac

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208.00 Examen de absolvire: nivelul I		0	0	0	0	0	Nota	0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6		0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1 0 4 1 sem2 1 4 1	725 140 232 353	13.0 16.0 + 5	

Rector,
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Director departament,
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CODUL SI DENUMIREA DISCIPLINEI		Anul : IV										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									
48.00	Protectia si automatizarea sistemelor electroenergetice I	2	0	1	1	0						Nota	125	28	28	69	5.0		DS	DOB
49.00	Partea electrica a centralelor si statiilor	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
50.00	Producerea energiei electrice si termice	2	0	1	0	0						Nota	100	28	14	58	4.0		DF	DOB
51.00	Managementul energiei	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB
52.00	Termotehnica	2	0	1	0	0						Nota	75	28	14	33	3.0		DF	DOB
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10	Medii de proiectare integrata a instalatiilor electrice	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
54.20	Piata de energie	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
55.00	Protectia si automatizarea sistemelor electroenergetice II						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10	Tehnica tensiunilor inalte						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
56.20	Legislatie si norme tehnice ale instalatiilor electrice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.10	Utilizarea calculatoarelor in energetica						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Sisteme electroenergetice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40	Logistica industrială						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.60	Managementul mediului						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

Rector,
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58.70	Aplicatii ale inteligentei artificiale in ingineria medicala				2	0	2	0	0		Nota		125	28	28	69		5.0	DS	DOP		
59.10	Comunicare si tehnici de prezentare				1	0	0	0	0		Nota		25	14	0	11		1.0	DC	DOP		
59.20	Etica si integritate academica				1	0	0	0	0		Nota		25	14	0	11		1.0	DC	DOP		
60.00	Elaborarea proiectului de diploma				0	0	0	4	0		A/R		100	0	56	44		4.0	DS	DOB		
61.00	Practica pentru elaborarea proiectului de diploma				0	0	0	0	5		A/R		125	0	70	55		5.0	DS	DOB		
62.00	Sustinere lucrare de diploma				0	0	0	0	0		Nota		0	0	0	0		10.0	DS	DOB		
TOTAL AN		14	0	10	3	0	9	0	8	4	5	sem1	3	4	0	1500	322	420	758	30.0	30.0	
					27.00					26.00		sem2	1	4	2					+ 10		

307.00	Voluntariat 7	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac			
308.00	Voluntariat 8						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac		
TOTAL AN		0	1	0	0	0	0	1	0	0	0	sem1	0	0	1	100	0	28	72	2.0	2.0
		1.00				1.00				sem2				0	0	1					

Rector,
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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	Analiza matematica	2	2	0	0	0						Nota	125	28	28	69			5.0		DF	DOB	
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota	100	28	28	44			4.0		DF	DOB	
3.00	Bazele electrotehnicii	2	1	1	0	0						Nota	125	28	28	69			5.0		DF	DOB	
4.00	Fizica I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
6.00	Mecanica	2	0	1	0	0						Nota	75	28	14	33			3.0		DF	DOB	
7.00	Limbi moderne 1	0	1	0	0	0						Nota	25	0	14	11			1.0		DC	DOB	
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22			2.0		DC	DOB	
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
10.00	Fizica II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
11.00	Chimie						2	0	1	0	0	Nota	75	28	14	33			3.0		DF	DOB	
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11			1.0		DC	DOB	
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
					26.00					26.00		sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

Rector,
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Decan,
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Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
			5.00					10.00			sem2	1	1	2								

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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												
17.00 Metode numerice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
18.00 Teoria campului electromagnetic	2	2	1	0	0						Nota				125	28	42	55	5.0		DF	DOB
19.00 Electronica	2	0	1	1	0						Nota				125	28	28	69	5.0		DF	DOB
20.00 Masurari electrice si electronice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
21.00 Materiale electrotehnice	2	0	2	0	0						Nota				100	28	28	44	4.0		DF	DOB
22.10 Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota				75	28	14	33	3.0		DS	DOP
22.20 Introducere in ingineria electrica	2	0	1	0	0						Nota				75	28	14	33	3.0		DS	DOP
23.00 Economie	2	1	0	0	0						Nota				75	28	14	33	3.0		DS	DOB
24.00 Limbi moderne 3	0	1	0	0	0						Nota				50	0	14	36	2.0		DC	DOB
25.00 Bani, banci, pieti de capital						2	0	1	0	0	Nota				75	28	14	33	3.0		DF	DOB
26.00 Masini electrice I						2	0	2	0	0	Nota				100	28	28	44	4.0		DF	DOB
27.00 Traductoare						2	0	2	0	0	Nota				100	28	28	44	4.0		DS	DOB
28.00 Sisteme digitale						2	1	2	0	0	Nota				100	28	42	30	4.0		DF	DOB
29.00 Teoria sistemelor si reglare automata						2	1	2	0	0	Nota				125	28	42	55	5.0		DS	DOB
30.00 Informatica aplicata pentru afaceri						2	1	0	0	0	Nota				50	28	14	8	2.0		DF	DOB
31.00 Unde electromagnetice						2	0	0	0	0	Nota				50	28	0	22	2.0		DF	DOB
32.00 Ergonomie						1	0	0	0	0	Nota				25	14	0	11	1.0		DS	DOB
33.10 Limbi moderne 4 Engleza						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
33.20 Limbi moderne 4 Franceza						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
33.30 Limbi moderne 4 Germana						1	0	0	0	0	Nota				25	14	0	11	1.0		DC	DOP
34.00 Practica de domeniu (3 sapt)						0	0	0	0	30	A/R				100	0	90	10	4.0		DF	DOB
TOTAL AN	14	4	9	1	0	16	3	9	0	30	sem1	5	3	0	1500	420	454	626	30.0	30.0		
			28.00					28.00			sem2	5	4	1								

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

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metodologia evaluarii)																																		
303.00 Voluntariat 3					0 1 0 0 0										A/R					50 0 14 36					2.0					DC Dfac				
106.00 Sociologie economica										2 1 0 0 0					Nota					75 28 14 33					3.0					DC Dfac				
107.00 Metode si procedee tehnologice										2 0 1 0 0					Nota					75 28 14 33					3.0					DC Dfac				
203.00 Didactica specializarii										2 2 0 0 0					Nota					125 28 28 69					5.0					DC Dfac				
304.00 Voluntariat 4										0 1 0 0 0					A/R					50 0 14 36					2.0					DC Dfac				
TOTAL AN					6 4 1 0 0					6 4 1 0 0					sem1 1 2 1					650 168 140 342					13.0 13.0									
					11.00					11.00					sem2 1 2 1																			

**Rector,
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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												
35.00 Echipamente electrice	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
36.00 Bazele marketingului	2	0	2	0	0						Nota		125	28	28	69		5.0		DF	DOB	
37.00 Contabilitate	2	0	2	1	0						Nota		150	28	42	80		6.0		DF	DOB	
38.00 Electronica de putere	2	0	2	0	0						Nota		100	28	28	44		4.0		DS	DOB	
39.00 Management financiar	2	0	2	1	0						Nota		150	28	42	80		6.0		DF	DOB	
40.00 Utilizarea energiei electrice	2	0	2	0	0						Nota		100	28	28	44		4.0		DS	DOB	
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota		75	28	14	33		3.0		DS	DOB	
42.00 Actionari electrice						2	0	2	1	0	Nota		125	28	42	55		5.0		DF	DOB	
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota		100	28	28	44		4.0		DF	DOB	
44.00 Bazele managementului						2	2	0	0	0	Nota		100	28	28	44		4.0		DF	DOB	
45.00 Instalatii electrice						2	0	1	2	0	Nota		125	28	42	55		5.0		DS	DOB	
46.00 Managementul productiei						2	2	0	1	0	Nota		125	28	42	55		5.0		DF	DOB	
47.00 Practica de specialitate (3 sapt)						0	0	0	0	30	A/R		100	0	90	10		4.0		DS	DOB	
TOTAL AN	12	0	12	2	0	12	5	5	4	30	sem1 5 1 0 sem2 5 1 1	1500	336	482	682		30.0	30.0				

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33	3.0		DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33	3.0		DS	Dfac
112.00 Arheometrie						2	0	1	0	0	Nota			75	28	14	33	3.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14	2.0		DC	Dfac

Rector,
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Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Conf. dr. ing. Petre Dorel Teodosescu

208.00 Examen de absolvire: nivelul I						0	0	0	0	0	Nota				0	0	0	0	5.0	DC	Dfac
306.00 Voluntariat 6						0	1	0	0	0	A/R				50	0	14	36	2.0	DC	Dfac
TOTAL AN	4	2	3	0	3	6	2	4	0	3	sem1	0	4	1	725	140	232	353	13.0	16.0	
				9.00					12.00		sem2	1	4	1					+ 5		

Rector,
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CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV										Forma de verificare	Nr.ore/disciplina				Credite/sem		Disciplina	
		SEM 1					SEM 2						Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L	P	PR									
48.00	Managementul resurselor umane	2	2	0	0	0						Nota	125	28	28	69	5.0		DF	DOB
49.00	Bazele juridice ale managementului organizatiilor economice	2	2	0	0	0						Nota	125	28	28	69	5.0		DF	DOB
50.00	Utilizarea Internet-ului in afaceri	2	0	1	0	0						Nota	100	28	14	58	4.0		DS	DOB
51.00	Managementul energiei	2	0	2	1	0						Nota	125	28	42	55	5.0		DS	DOB
52.00	Burse de marfuri si valori	2	1	0	0	0						Nota	75	28	14	33	3.0		DS	DOB
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10	Managementul ciclului de viata al produsului	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
54.20	Managementul conflictelor si negocieri in afaceri	2	0	1	1	0						Nota	100	28	28	44	4.0		DS	DOP
55.00	Control si audit economico-financiar						2	2	0	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10	Legislatie economica						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DOP
56.20	Legislatia muncii						2	0	2	0	0	Nota	125	28	28	69	5.0		DF	DOP
57.10	Dezvoltarea stiintelor ingineresti si globalizarea tehnologica						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Proiectarea si conducerea asistata a sistemelor electrice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

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58.60	Managementul mediului			2	0	2	0	0		Nota		125	28	28	69		5.0	DS	DOP				
58.70	Aplicatii ale inteligentei artificiale in ingineria medicala			2	0	2	0	0		Nota		125	28	28	69		5.0	DS	DOP				
59.10	Comunicare si tehnici de prezentare			1	0	0	0	0		Nota		25	14	0	11		1.0	DC	DOP				
59.20	Etica si integritate academica			1	0	0	0	0		Nota		25	14	0	11		1.0	DC	DOP				
60.00	Elaborarea proiectului de diploma			0	0	0	4	0		A/R		100	0	56	44		4.0	DS	DOB				
61.00	Practica pentru elaborarea proiectului de diploma			0	0	0	0	5		A/R		125	0	70	55		5.0	DS	DOB				
62.00	Sustinere lucrare de diploma			0	0	0	0	0		Nota		0	0	0	0		10.0	DS	DOB				
TOTAL AN		14	5	6	2	0		9	2	6	4	5	sem1	5	2	0	1500	322	420	758	30.0	30.0	
		27.00								26.00			sem2	1	4	2					+ 10		

307.00 Voluntariat 7	0	1	0	0	0			A/R	50	0	14	36	2.0	DC	Dfac								
308.00 Voluntariat 8						0	1	0	0	0			A/R	50	0	14	36	2.0	DC	Dfac			
TOTAL AN	0	1	0	0	0	0	1	0	0	0	0	1	sem1	0	0	1	100	0	28	72	2.0	2.0	
				1.00					1.00				sem2	0	0	1							

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PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

Pag. 1

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	Analiza matematica	2	2	0	0	0						Nota	125	28	28	69			5.0		DF	DOB	
2.00	Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0						Nota	100	28	28	44			4.0		DF	DOB	
3.00	Bazele electrotehnicii	2	1	1	0	0						Nota	125	28	28	69			5.0		DF	DOB	
4.00	Fizica I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
5.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
6.00	Mecanica	2	0	1	0	0						Nota	75	28	14	33			3.0		DF	DOB	
7.00	Limbi moderne 1	0	1	0	0	0						Nota	25	0	14	11			1.0		DC	DOB	
8.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22			2.0		DC	DOB	
9.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
10.00	Fizica II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
11.00	Chimie						2	0	1	0	0	Nota	75	28	14	33			3.0		DF	DOB	
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69			5.0		DF	DOB	
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
14.00	Teoria circuitelor electrice						2	2	0	0	0	Nota	125	28	28	69			5.0		DF	DOB	
15.10	Limbi moderne 2 Engleza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.20	Limbi moderne 2 Franceza						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
15.30	Limbi moderne 2 Germana						2	0	0	0	0	Nota	50	28	0	22			2.0		DC	DOP	
16.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11			1.0		DC	DOB	
TOTAL AN		12	8	6	0	0	14	5	7	0	0	sem1	5	2	1	1500	364	364	772	30.0	30.0		
					26.00					26.00		sem2	5	2	1								

200.00 Psihologia educatiei	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
101.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R			50	0	28	22	2.0		DC	Dfac
102.00 Fizica						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	Dfac
201.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac

Rector,
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Prof. dr.ing.mat Dan Doru Micu

302.00 Voluntariat 2						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0	12.0		
			5.00					10.00			sem2	1	1	2								

Rector,
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Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Prof. dr.ing.mat Dan Doru Micu

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												
17.00	Metode numerice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
18.00	Teoria campului electromagnetic	2	2	1	0	0						Nota	125	28	42	55			5.0		DF	DOB	
19.00	Electronica	2	0	1	1	0						Nota	125	28	28	69			5.0		DF	DOB	
20.00	Masurari electrice si electronice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
21.00	Materiale electrotehnice	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
22.10	Arhitecturi de calculatoare si sisteme de operare	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
22.20	Introducere in ingineria electrica	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
23.00	Economie	2	1	0	0	0						Nota	75	28	14	33			3.0		DC	DOB	
24.00	Limbi moderne 3	0	1	0	0	0						Nota	50	0	14	36			2.0		DC	DOB	
25.00	Introducere in ingineria biomedicala						2	0	1	0	0	Nota	75	28	14	33			3.0		DF	DOB	
26.00	Masini electrice I						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
27.00	Traductoare						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
28.00	Sisteme digitale						2	1	2	0	0	Nota	100	28	42	30			4.0		DF	DOB	
29.00	Teoria sistemelor si reglare automata						2	1	2	0	0	Nota	125	28	42	55			5.0		DF	DOB	
30.00	Informatica medicala						2	0	1	0	0	Nota	50	28	14	8			2.0		DF	DOB	
31.00	Unde electromagnetice						2	0	0	0	0	Nota	50	28	0	22			2.0		DF	DOB	
32.00	Ergonomie						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOB	
33.10	Limbi moderne 4 Engleza						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
33.20	Limbi moderne 4 Franceza						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
33.30	Limbi moderne 4 Germana						1	0	0	0	0	Nota	25	14	0	11			1.0		DC	DOP	
34.00	Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10			4.0		DF	DOB	
TOTAL AN		14	4	9	1	0	16	2	10	0	30	sem1	5	3	0	1500	420	454	626	30.0	30.0		
					28.00					28.00		sem2	5	4	1								

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac

Rector,
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Director departament,
Prof. dr.ing.mat Dan Doru Micu

metodologia evaluarii)																			
303.00 Voluntariat 3	0	1	0	0	0					A/R	50	0	14	36	2.0	DC	Dfac		
106.00 Drept si legislatie economica						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
107.00 Ecologie si protectia mediului						2	1	0	0	0	Nota	75	28	14	33	3.0	DC	Dfac	
203.00 Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69	5.0	DC	Dfac	
304.00 Voluntariat 4						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	Dfac	
TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0 13.0
				11.00				11.00			sem2	1	2	1					

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

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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												
35.00 Echipamente electrice	2	0	2	0	0						Nota			125	28	28	69	5.0		DF	DOB	
36.00 Anatomie si fiziologie	2	0	2	0	0						Nota			100	28	28	44	4.0		DF	DOB	
37.00 Sisteme biologice	2	0	2	1	0						Nota			150	28	42	80	6.0		DF	DOB	
38.00 Statistica aplicata in inginerie medicala	2	0	2	0	0						Nota			125	28	28	69	5.0		DF	DOB	
39.00 Interfete si achizitii de date	2	1	2	0	0						Nota			150	28	42	80	6.0		DS	DOB	
40.00 Imagistica medicala	2	0	2	0	0						Nota			100	28	28	44	4.0		DS	DOB	
41.00 Calitate si fiabilitate						2	1	0	0	0	Nota			75	28	14	33	3.0		DF	DOB	
42.00 Actionari electrice						2	0	2	1	0	Nota			125	28	42	55	5.0		DS	DOB	
43.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota			100	28	28	44	4.0		DF	DOB	
44.00 Bazele managementului						2	2	0	0	0	Nota			100	28	28	44	4.0		DF	DOB	
45.00 Instalatii electrice						2	0	1	2	0	Nota			125	28	42	55	5.0		DS	DOB	
46.00 Electronica medicala						2	0	2	1	0	Nota			125	28	42	55	5.0		DF	DOB	
47.00 Practica de specialitate (3 sapt)						0	0	0	0	30	A/R			100	0	90	10	4.0		DS	DOB	
TOTAL AN	12	1	12	1	0	12	3	7	4	30	sem1	5	1	0	1500	336	482	682	30.0	30.0		
				26.00					26.00		sem2	5	1	1								

108.00 Sisteme de telecomunicatii	2	1	0	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
110.00 Electronica de putere	2	0	2	0	0						Nota			75	28	28	19	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
111.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33	3.0		DS	Dfac
112.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33	3.0		DS	Dfac
113.00 Arheometrie						2	0	1	0	0	Nota			75	28	14	33	3.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul						0	0	0	0	3	Nota			50	0	36	14	2.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Andrei Cristinel Cziker

Director departament,
Prof. dr.ing.mat Dan Doru Micu

**Director departament,
Prof. dr.ing.mat Dan Doru Micu**

CODUL SI	DENUMIREA DISCIPLINEI	Anul : IV										Forma de verificare	Nr.ore/disciplina				Credite/sem		Disciplina				
		SEM 1					SEM 2						E	C	V	Total	C	Apl	St. ind	1	2	cat	tip
		C	S	L	P	PR	C	S	L	P	PR												
48.00	Compatibilitate electromagnetica	2	0	2	0	0						Nota	125	28	28	69			5.0		DS	DOB	
49.00	Masurarea parametrilor biomedicali	2	0	2	0	0						Nota	125	28	28	69			5.0		DS	DOB	
50.00	Instrumentatie biomedicala	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOB	
51.00	Procesarea semnalelor biomedicale	2	0	2	0	0						Nota	125	28	28	69			5.0		DS	DOB	
52.00	Inginerie clinica	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOB	
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
54.10	Biomecanica	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
54.20	Audiometrie si protezare auditiva	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOP	
55.00	Analiza si prelucrarea imaginilor biomedicale						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOB	
56.10	Bioelectromagnetism						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
56.20	Aparatura pentru terapie intensiva						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
57.10	Aparatura de laborator clinic						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
57.20	Instrumentatie virtuala						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.40	Logistica industrială						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.60	Managementul mediului						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.70	Aplicatii ale inteligentei artificiale in ingineria medicala						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	

Rector,
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59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
60.00 Elaborarea proiectului de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DOB
61.00 Practica pentru elaborarea proiectului de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DOB
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DOB
TOTAL AN	14 0 13 0 27.00	0	9	0	8	4	5 sem1 4 3 0 sem2 1 4 2	1500	322	420	758	30.0 30.0 + 10		

307.00 Voluntariat 7	0 1 0 0 0						A/R	50	0	14	36	2.0	DC	Dfac
308.00 Voluntariat 8			0	1	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	0 1 0 0 1.00	0	0	1	0	0	0 sem1 0 0 1 sem2 0 0 1	100	0	28	72	2.0 2.0		

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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									
1.00	Analiza matematica I	2	1	0	0	0						Nota	100	28	14	58	4.0		DF	DOB
2.00	Algebra liniara, geometrie analitica si diferentiala	2	1	0	0	0						Nota	100	28	14	58	4.0		DF	DOB
3.00	Fizica	2	0	1	0	0						Nota	100	28	14	58	4.0		DF	DOB
4.00	Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
5.00	Chimie	2	0	1	0	0						Nota	100	28	14	58	4.0		DF	DOB
6.00	Geometrie descriptiva	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
7.00	Stiinta si ingineria materialelor	2	0	1	0	0						Nota	75	28	14	33	3.0		DF	DOB
8.00	Limbi moderne 1	0	1	0	0	0						Nota	25	0	14	11	1.0		DC	DOB
9.00	Educatie fizica si sport I	0	2	0	0	0						A/R	50	0	28	22	2.0		DC	DOB
10.00	Analiza matematica II						2	2	0	0	0	Nota	100	28	28	44	4.0		DF	DOB
11.00	Matematici speciale						2	1	0	0	0	Nota	100	28	14	58	4.0		DF	DOB
12.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
13.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
14.00	Mecanica						2	0	1	0	0	Nota	100	28	14	58	4.0		DF	DOB
15.00	Electrotehnica I						2	1	0	0	0	Nota	100	28	14	58	4.0		DF	DOB
16.10	Arhitecturi de calculatoare si sisteme de operare						2	0	1	0	0	Nota	100	28	14	58	4.0		DS	DOP
16.20	Introducere in ingineria electrica						2	0	1	0	0	Nota	100	28	14	58	4.0		DS	DOP
17.00	Limbi moderne 2						0	1	0	0	0	Nota	25	0	14	11	1.0		DC	DOB
18.00	Educatie fizica si sport II						0	1	0	0	0	A/R	25	0	14	11	1.0		DC	DOB
TOTAL AN		14	5	7	0	0	14	6	6	0	0	sem1 sem2	4 5	4 3	1 1	1500	392 336 772	30.0 30.0		

200.00 Psihologia educatiei	2	2	0	0	0						Nota	125	28	28	69	5.0	DC	Dfac
301.00 Voluntariat 1	0	1	0	0	0						A/R	50	0	14	36	2.0	DC	Dfac
401.00 Utilizare avansata MsOffice						0	0	2	0	0	A/R	50	0	28	22	2.0	DC	Dfac
502.00 Fizica						2	1	0	0	0	Nota	75	28	14	33	3.0	DF	Dfac
601.00 Pedagogie I (Fundamentele pedagogiei, Teoria si						2	2	0	0	0	Nota	125	28	28	69	5.0	DC	Dfac

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metodologia curriculum-ului)																			
302.00 Voluntariat 2						0	1	0	0	0		A/R	50	0	14	36		2.0	DC Dfac
TOTAL AN	2	3	0	0	0	4	4	2	0	0	sem1	1	0	1	475	84	126	265	7.0 12.0
				5.00					10.00		sem2	1	1	2					

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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									
19.00 Metode numerice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
20.00 Electrotehnica II	2	1	1	0	0						Nota	100	28	28	44	4.0		DF	DOB
21.00 Electronica	2	0	1	0	0						Nota	100	28	14	58	4.0		DF	DOB
22.00 Masurari electrice si electronice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
23.00 Teoria sistemelor si automatizari	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
24.00 Rezistenta materialelor	2	1	1	0	0						Nota	125	28	28	69	5.0		DF	DOB
25.00 Economie	2	1	0	0	0						Nota	75	28	14	33	3.0		DC	DOB
26.00 Limbi moderne 3	0	2	0	0	0						Nota	50	0	28	22	2.0		DC	DOB
27.00 Teoria campului electromagnetic						2	2	1	0	0	Nota	100	28	42	30	4.0		DF	DOB
28.00 Masini electrice						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
29.00 Traductoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
30.00 Sisteme digitale						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
31.00 Anatomia si fiziologia omului						3	0	2	0	0	Nota	100	42	28	30	4.0		DF	DOB
32.00 Etica medicala si eficienta profesionala						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DOB
33.00 Limbi moderne 4						0	2	0	0	0	Nota	50	0	28	22	2.0		DC	DOB
34.00 Practica de domeniu (3 sapt)						0	0	0	0	30	A/R	100	0	90	10	4.0		DF	DOB
TOTAL AN	14	5	9	0	0	13	4	11	0	30	sem1 5 3 0 sem2 5 2 1	1500	378	496	626	30.0	30.0		

104.00 Comunicare profesionala	2	1	0	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Design, estetica si arta digitala	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
202.00 Pedagogie II (Teoria si metodologia instruirii, Teoria si metodologia evaluarii)	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
303.00 Voluntariat 3	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
106.00 Drept si legislatie economica						2	1	0	0	0	Nota			75	28	14	33	3.0		DC	Dfac
107.00 Ecologie si protectia mediului						2	1	0	0	0	Nota			75	28	14	33	3.0		DC	Dfac
203.00 Didactica specializarii						2	2	0	0	0	Nota			125	28	28	69	5.0		DC	Dfac
304.00 Voluntariat 4						0	1	0	0	0	A/R			50	0	14	36	2.0		DC	Dfac

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TOTAL AN	6	4	1	0	0	6	5	0	0	0	sem1	1	2	1	650	168	140	342	13.0	13.0	
			11.00					11.00			sem2	1	2	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												
35.00	Echipamente electrice	2	0	2	0	0						Nota	125	28	28	69			5.0		DS	DOB	
36.00	Biomateriale	2	0	2	0	0						Nota	100	28	28	44			4.0		DF	DOB	
37.00	Patologie	2	0	2	0	0						Nota	125	28	28	69			5.0		DS	DOB	
38.00	Sisteme biologice	2	0	2	0	0						Nota	125	28	28	69			5.0		DF	DOB	
39.00	Interfete si achizitii de date	2	0	2	1	0						Nota	125	28	42	55			5.0		DS	DOB	
40.00	Introducere in ingineria biomedicala	2	1	2	0	0						Nota	150	28	42	80			6.0		DS	DOB	
41.00	Fiabilitatea echipamentelor medicale						2	2	0	0	0	Nota	100	28	28	44			4.0		DF	DOB	
42.00	Ingineria reabilitarii						2	0	2	1	0	Nota	125	28	42	55			5.0		DF	DOB	
43.00	Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44			4.0		DF	DOB	
44.00	Bazele managementului						2	2	0	0	0	Nota	100	28	28	44			4.0		DF	DOB	
45.00	Actionari electrice in echipamente medicale						2	0	2	0	0	Nota	100	28	28	44			4.0		DS	DOB	
46.00	Electronica medicala						2	0	2	1	0	Nota	125	28	42	55			5.0		DF	DOB	
47.00	Practica de specialitate (3 sapt)						0	0	0	0	30	A/R	100	0	90	10			4.0		DS	DOB	
TOTAL AN		12	1	12	1	0	12	4	8	2	30	sem1 5 1 0 sem2 5 1 1	1500	336	482	682			30.0	30.0			

108.00 Sisteme de telecomunicatii	2	0	1	0	0						Nota			75	28	14	33	3.0		DS	Dfac
109.00 Tehnologii web	1	0	2	0	0						Nota			75	14	28	33	3.0		DS	Dfac
204.00 Instruire asistata de calculator	1	0	1	0	0						Nota			50	14	14	22	2.0		DC	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota			75	0	42	33	3.0		DC	Dfac
305.00 Voluntariat 5	0	1	0	0	0						A/R			50	0	14	36	2.0		DC	Dfac
110.00 Retele de calculatoare						1	0	2	0	0	Nota			75	14	28	33	3.0		DS	Dfac
111.00 Surse regenerabile						2	0	1	0	0	Nota			75	28	14	33	3.0		DS	Dfac
112.00 Examen absolvire nivel I. Portofoliu didactic (2 sapt)						0	0	0	0	0	Nota			125	0	0	125	5.0		DC	Dfac
206.00 Managementul clasei de elevi						1	1	0	0	0	Nota			75	14	14	47	3.0		DC	Dfac
207.00 Practica pedagogica de specialitate in invatamantul preuniversitar (12 sapt)						0	0	0	0	3	Nota			50	0	36	14	2.0		DC	Dfac

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306.00 Voluntariat 6						0	1	0	0	0	A/R				50	0	14	36	2.0		DC	Dfac
TOTAL AN	4	1	4	0	3	4	2	3	0	3	sem1	0	4	1	775	112	218	445	13.0	13.0		
				9.00					9.00		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	E	C	V						
48.00	Compatibilitate electromagnetica	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
49.00	Masurarea parametrilor biomedicali	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
50.00	Instrumentatie biomedicala	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
51.00	Procesarea semnalelor bioelectrice	2	0	1	1	0						Nota	125	28	28	69	5.0		DS	DOB
52.00	Inginerie clinica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
53.10	Instrumente CAD	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.20	Procesarea semnalelor de masurare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.30	Sisteme inteligente in ingineria electrica	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.40	Mentenanata sistemelor industriale	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.50	Sisteme SCADA	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.60	Sisteme informatice (SAP, Arena) pentru gestionarea proceselor ingineresti	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
53.70	Modelarea sistemelor biologice	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
54.10	Bioelectromagnetism	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP
54.20	Statistica aplicata in inginerie medicala	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOP
55.00	Analiza si prelucrarea imaginilor biomedicale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOB
56.10	Informatica medicala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
56.20	Biomecanica						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.10	Aparatura de laborator clinic						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Audiometrie si protezare auditiva						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Tehnici inteligente de eficienta energetica in cladiri						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Monitorizarea proceselor industriale						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.30	Sisteme electronice automotive						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.40	Logistica industrială						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.50	Tehnologii SmartGrid						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.60	Managementul mediului						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.70	Aplicatii ale inteligentei artificiale in ingineria medicala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP

Rector,
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59.10 Comunicare si tehnici de prezentare		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
59.20 Etica si integritate academica		1	0	0	0	0	Nota	25	14	0	11	1.0	DC	DOP
60.00 Elaborarea proiectului de diploma		0	0	0	4	0	A/R	100	0	56	44	4.0	DS	DOB
61.00 Practica elaborare lucrare de diploma		0	0	0	0	5	A/R	125	0	70	55	5.0	DS	DOB
62.00 Sustinere lucrare de diploma		0	0	0	0	0	Nota	0	0	0	0	10.0	DS	DOB
TOTAL AN	14 0 12 1 27.00	0	9	0	8	4	5 sem1 5 2 0 sem2 1 4 2	1500	322	420	758	30.0 30.0 + 10		

307.00 Voluntariat 7	0 1 0 0 0						A/R	50	0	14	36	2.0	DC	Dfac
308.00 Voluntariat 8			0	1	0	0	A/R	50	0	14	36	2.0	DC	Dfac
TOTAL AN	0 1 0 0 1.00	0	0	1	0	0	0 sem1 0 0 1 sem2 0 0 1	100	0	28	72	2.0 2.0		

Rector,
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