

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2025-2026

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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			St. ind				
	C	S	L	P	PR		C	S	L	P	PR			1	2	cat	tip
1.00 Analiza matematica I	2	2	0	0	0									5.0		DF	DOB
2.00 Algebra liniara, geometrie analitica si diferentiala	2	2	0	0	0									4.0		DF	DOB
3.00 Fizica	2	1	1	0	0									5.0		DF	DOB
4.00 Programarea calculatoarelor si limbaje de programare I	2	0	2	0	0									5.0		DF	DOB
5.00 Teoria circuitelor electrice I	2	1	1	0	0									5.0		DF	DOB
6.00 Mecanica	2	0	1	0	0									3.0		DF	DOB
7.00 Limbi moderne I	0	1	0	0	0									1.0		DC	DOB
8.00 Educatie fizica si sport I	0	2	0	0	0									2.0		DC	DOB
9.00 Analiza matematica II							2	2	0	0	0			5.0		DF	DOB
10.00 Matematici speciale							2	2	0	0	0			5.0		DF	DOB
11.00 Programarea calculatoarelor si limbaje de programare II							2	0	2	0	0			5.0		DF	DOB
12.00 Grafica asistata de calculator							2	0	2	0	0			4.0		DF	DOB
13.00 Chimie							2	0	1	0	0			3.0		DF	DOB
14.00 Teoria circuitelor electrice II							2	2	0	0	0			5.0		DF	DOB
15.00 Limbi moderne II							0	2	0	0	0			2.0		DC	DOB
16.00 Educatie fizica si sport II							0	1	0	0	0			1.0		DC	DOB
TOTAL AN	12	9	5	0	0		12	9	5	0	0		sem1 sem2	5 5	2 2	1 1	
			26.00						26.00					1500	336	392	772
														30.0	30.0		

100.00 Componente si circuite electronice pasive	2	0	2	0	0									4.0		DS	Dfac
101.00 Limba moderna secundara I	0	2	0	0	0									2.0		DC	Dfac
201.00 Psihologia educatiei	2	2	0	0	0									5.0		DC	Dfac
301.00 Voluntariat I	0	1	0	0	0									2.0		DC	Dfac
102.00 Fizica superioara							2	1	0	0	0			3.0		DF	Dfac
103.00 Limba moderna secundara II							0	2	0	0	0			2.0		DC	Dfac
202.00 Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)							2	2	0	0	0			5.0		DC	Dfac
302.00 Voluntariat II							0	1	0	0	0			2.0		DC	Dfac

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Olivian Chiver

Director departament,
Conf. dr. ing. Claudiu Ionel Lung

TOTAL AN	4	5	2	0	0	4	6	0	0	0	sem1	1	2	1	625	112	182	331	13.0	12.0	
			11.00					10.00			sem2	1	2	1							

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CODUL SI DENUMIREA DISCIPLINEI	Anul : II										Forma de verificare E C V	Nr.ore/disciplina				Credite/sem		Disciplina	
	SEM 1 14 sapt					SEM 2 14 sapt						Total	C	Apl	St. ind	1	2	cat	tip
	C	S	L	P	PR	C	S	L	P	PR									
17.00 Metode numerice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
18.00 Materiale electrotehnice	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
19.00 Teoria campului electromagnetic	2	2	1	0	0						Nota	125	28	42	55	5.0		DF	DOB
20.00 Electronica analogica si digitala I	2	1	1	0	0						Nota	125	28	28	69	5.0		DF	DOB
21.00 Masurari electrice si electronice I	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
22.00 Introducere in ingineria electrica	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
23.00 Economie	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DOB
24.00 Limbi moderne III	0	2	0	0	0						Nota	50	0	28	22	2.0		DC	DOB
25.00 Masurari electrice si electronice II						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
26.00 Electronica analogica si digitala II						2	1	2	0	0	Nota	125	28	42	55	5.0		DF	DOB
27.00 Masini electrice I						2	1	2	0	0	Nota	125	28	42	55	5.0		DF	DOB
28.00 Teoria sistemelor si reglaj automat						2	1	2	0	0	Nota	100	28	42	30	4.0		DF	DOB
29.00 Rezistenta materialelor						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	DOB
30.00 Mecanisme si organe de masini						2	0	1	0	0	Nota	75	28	14	33	3.0		DS	DOB
31.00 Limbi moderne IV						0	2	0	0	0	Nota	50	0	28	22	2.0		DC	DOB
32.00 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	12	5	10	0	30	sem1 5 3 0 sem2 4 3 1	1500	364	496	640	30.0	30.0		

104.00 Protectia mediului	2	1	0	0	0		Nota			75	28	14	33	3.0		DC	Dfac
105.00 Educatie fizica si sport III	0	2	0	0	0		A/R			50	0	28	22	2.0		DC	Dfac
203.00 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 III	0	1	0	0	0		A/R			50	0	14	36	2.0		DC	Dfac
106.00 Programare orientata pe obiecte (Java)						2	0	2	0	0				4.0		DS	Dfac
107.00 Educatie fizica si sport IV						0	2	0	0	0				2.0		DC	Dfac
204.00 Didactica specializarii						2	2	0	0	0				5.0		DC	Dfac
304.00 Voluntariat IV						0	1	0	0	0				2.0		DC	Dfac

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TOTAL AN	4	6	0	0	0	4	5	2	0	0	sem1	1	1	2	625	112	182	331	12.0	13.0	
			10.00					11.00			sem2	1	1	2							

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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									
33.00 Echipamente electrice	3	0	2	0	0						Nota	150	42	28	80	6.0		DF	DOB
34.00 Producerea, transportul si distributia energiei electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
35.00 Masini electrice II	2	0	2	0	0						Nota	125	28	28	69	5.0		DF	DOB
36.00 Masini electrice II (Proiect)	0	0	0	1	0						Nota	25	0	14	11	1.0		DF	DOB
37.00 Electronica de putere	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
38.00 Traductoare, interfete si achizitie de date	2	1	2	0	0						Nota	125	28	42	55	5.0		DF	DOB
39.00 Protocoale de comunicatii	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DOB
40.00 Calitate si fiabilitate						2	1	0	0	0	Nota	75	28	14	33	3.0		DF	DOB
41.00 Actionari electrice						2	0	2	1	0	Nota	125	28	42	55	5.0		DF	DOB
42.00 Sisteme cu microprocesoare						2	0	2	0	0	Nota	100	28	28	44	4.0		DF	DOB
43.00 Management						3	1	0	0	0	Nota	100	42	14	44	4.0		DF	DOB
44.00 Instalatii electrice						3	0	1	0	0	Nota	100	42	14	44	4.0		DS	DOB
45.00 Instalatii electrice (Proiect)						0	0	0	2	0	Nota	50	0	28	22	2.0		DS	DOB
46.00 Masini electrice speciale						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	13	1	12	1	0	14	2	7	3	30	sem1 4 3 0 sem2 4 3 1	1500	378	454	668	30.0	30.0		

108.00 Retele de calculatoare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	Dfac
109.00 Tehnici de inteligenta artificiala	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	Dfac
205.00 Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	Dfac
206.00 Instruire asistata de calculator	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	Dfac
305.00 Voluntariat V	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	Dfac
110.00 Defectoscopia si repararea echipamentelor electrocasnice						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	Dfac
111.00 Tehnologii Internet						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	Dfac
207.00 Practica pedagogica de specialitate in invatamantul						0	0	0	0	3	Nota	50	0	36	14	2.0		DC	Dfac

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preuniversitar (12 sapt)																		
208.00 Managementul clasei de elevi				1	1	0	0	0		Nota		75	14	14	47		3.0	DC Dfac
209.00 Examen de absolvire: nivelul I (2 sapt)				0	0	0	0	0		Nota		125	0	0	125		5.0	DC Dfac
306.00 Voluntariat VI				0	1	0	0	0		A/R		50	0	14	36		2.0	DC Dfac
TOTAL AN	5	1	5	0	3	5	2	4	0	3	sem1	0	4	1	875	140	246	489
				11.00					11.00		sem2	1	3	1				15.0
																		15.0
																		+ 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									
49.00	Automatizarea sistemelor de actionari electrice	2	0	2	0	0						Nota	125	28	28	69	5.0		DS	DOB
50.00	Tractiune electrica	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
51.00	Sisteme electromecanice I	2	0	1	0	0						Nota	75	28	14	33	3.0		DS	DOB
52.10	Controlul secvential in sisteme electromecanice	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DOP
52.20	Identificarea parametrilor in sisteme de conversie a energiei	2	0	2	1	0						Nota	150	28	42	80	6.0		DS	DOP
53.00	Metoda elementelor finite	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOB
54.10	Electrotermie	2	0	1	1	0						Nota	125	28	28	69	5.0		DS	DOP
54.20	Integrare de sistem	2	0	1	1	0						Nota	125	28	28	69	5.0		DS	DOP
54.30	Statii si posturi de transformare	2	0	1	1	0						Nota	125	28	28	69	5.0		DS	DOP
55.10	Instrumentatie industriala	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
55.20	Sisteme de calcul in timp real	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
55.30	Sisteme numerice programabile	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DOP
56.00	Sisteme electromecanice II						3	0	2	0	0	Nota	150	42	28	80	6.0		DS	DOB
57.10	Baze de date in ingineria electrica						2	2	0	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.20	Norme si standarde ecologice in sisteme energetice						2	2	0	0	0	Nota	125	28	28	69	5.0		DS	DOP
57.30	Legislatie si norme tehnice ale instalatiilor electrice						2	2	0	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.10	Microcontrolere si sisteme integrate						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
58.20	Energii regenerabile						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
59.10	Proiectarea asistata de calculator a instalatiilor electrice						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
59.20	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69	5.0		DS	DOP
60.00	Elaborarea proiectului de diplomă						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 examen de diploma						0	0	0	0	0	Nota	0	0	0	0	10.0		DS	DOB

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TOTAL AN	14	0	11	2	0	9	2	6	4	5	sem1	4	3	0	1500	322	420	758	30.0	30.0	
				27.00					26.00		sem2	2	2	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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