

PLAN DE INVATAMANT PENTRU PROMOTIA CARE INCEPE CU 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 I	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	Fizica	2	1	1	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	Teoria circuitelor electrice I	2	1	1	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 I	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	Analiza matematica II						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
10.00	Matematici speciale						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
11.00	Programarea calculatoarelor si limbaje de programare II						2	0	2	0	0	Nota	125	28	28	69		5.0		DF	DOB		
12.00	Grafica asistata de calculator						2	0	2	0	0	Nota	100	28	28	44		4.0		DF	DOB		
13.00	Chimie						2	0	1	0	0	Nota	75	28	14	33		3.0		DF	DOB		
14.00	Teoria circuitelor electrice II						2	2	0	0	0	Nota	125	28	28	69		5.0		DF	DOB		
15.00	Limbi moderne II						0	2	0	0	0	Nota	50	0	28	22		2.0		DC	DOB		
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	9	5	0	0	12	9	5	0	0	sem1 sem2	5 5	2 2	1 1	1500	336	392	772	30.0	30.0		
100.00	Componente si circuite electronice pasive	2	0	2	0	0						Nota	100	28	28	44		4.0		DS	DFA		
101.00	Limba moderna secundara I	0	2	0	0	0						Nota	50	0	28	22		2.0		DC	DFA		
201.00	Psihologia educatiei	2	2	0	0	0						Nota	125	28	28	69		5.0		DC	DFA		
301.00	Voluntariat I	0	1	0	0	0						A/R	50	0	14	36		2.0		DC	DFA		
102.00	Fizica superioara						2	1	0	0	0	Nota	75	28	14	33		3.0		DF	DFA		
103.00	Limba moderna secundara II						0	2	0	0	0	Nota	50	0	28	22		2.0		DC	DFA		
202.00	Pedagogie I (Fundamentele pedagogiei, Teoria si metodologia curriculum-ului)						2	2	0	0	0	Nota	125	28	28	69		5.0		DC	DFA		
302.00	Voluntariat II						0	1	0	0	0	A/R	50	0	14	36		2.0		DC	DFA		

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							

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Olivian Chiver

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

PLAN DE INVATAMANT PENTRU PROMOTIA CARE INCEPE CU ANUL UNIVERSITAR 2025-2026

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	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	DFA		
105.00	Educatie fizica si sport III	0	2	0	0	0						A/R	50	0	28	22		2.0		DC	DFA		
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	DFA		
303.00	Voluntariat III	0	1	0	0	0						A/R	50	0	14	36		2.0		DC	DFA		
106.00	Programare orientata pe obiecte (Java)						2	0	2	0	0	Nota	100	28	28	44		4.0		DS	DFA		
107.00	Educatie fizica si sport IV						0	2	0	0	0	A/R	50	0	28	22		2.0		DC	DFA		
204.00	Didactica specializarii						2	2	0	0	0	Nota	125	28	28	69		5.0		DC	DFA		
304.00	Voluntariat IV						0	1	0	0	0	A/R	50	0	14	36		2.0		DC	DFA		

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							

Rector,
Prof.Dr.Ing.Vasile Topa

Decan,
Conf. dr. ing. Olivian Chiver

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

PLAN DE INVATAMANT PENTRU PROMOTIA CARE INCEPE CU ANUL UNIVERSITAR 2025-2026

Pag. 5

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												
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		DS	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 sem2	4 4	3 3	0 1	1500	378	454	668	30.0	30.0		
108.00	Rețele de calculatoare	2	0	2	0	0						Nota	100	28	28	44	4.0		DS	DFA			
109.00	Tehnici de inteligenta artificiala	2	0	2	0	0						Nota	100	28	28	44	4.0		DF	DFA			
205.00	Practica pedagogica de specialitate in invatamantul preuniversitar	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	DFA			
206.00	Instruire asistata de calculator	1	0	1	0	0						Nota	50	14	14	22	2.0		DC	DFA			
305.00	Voluntariat V	0	1	0	0	0						A/R	50	0	14	36	2.0		DC	DFA			
110.00	Defectoscopia si repararea echipamentelor electrocasnice						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DFA			
111.00	Tehnologii Internet						2	0	2	0	0	Nota	100	28	28	44	4.0		DS	DFA			
207.00	Practica pedagogica de specialitate in invatamantul preuniversitar						0	0	0	0	3	Nota	50	0	36	14	2.0		DC	DFA			

Rector,
 Prof.Dr.Ing.Vasile Topa

Decan,
 Conf. dr. ing. Olivian Chiver

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

208.00 Managementul clasei de elevi					1	1	0	0	0	Nota	75	14	14	47	3.0	DC	DFA				
209.00 Examen de absolvire: nivelul I					0	0	0	0	0	Nota	125	0	0	125	5.0	DC	DFA				
306.00 Voluntariat VI					0	1	0	0	0	A/R	50	0	14	36	2.0	DC	DFA				
TOTAL AN	5	1	5	0	3	5	2	4	0	3	sem1	0	4	1	875	140	246	489	15.0	15.0	
				11.00					11.00		sem2	1	3	1					+ 5		

PLAN DE INVATAMANT PENTRU PROMOTIA CARE INCEPE CU ANUL UNIVERSITAR 2025-2026

Pag. 7

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	Metoda elementelor finite	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOB	
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	2	0	1	0	0						Nota	75	28	14	33			3.0		DS	DOB	
52.10	Automatizari industriale	2	0	2	1	0						Nota	150	28	42	80			6.0		DS	DOP	
52.20	Controlul secvential in sisteme electromecanice	2	0	2	1	0						Nota	150	28	42	80			6.0		DS	DOP	
53.10	Instrumentatie industriala	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.20	Sisteme de calcul in timp real	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
53.30	Sisteme numerice programabile	2	0	2	0	0						Nota	100	28	28	44			4.0		DS	DOP	
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	
55.00	Controlul inteligent al sistemelor electromecanice						3	0	1	0	0	Nota	125	42	14	69			5.0		DS	DOB	
56.10	Proiectarea asistata de calculator a instalatiilor electrice						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
56.20	Logistica industriala						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
57.10	Legislatie si norme tehnice ale instalatiilor electrice						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	Baze de date in ingineria electrica						2	2	0	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.10	Energii regenerabile						2	0	2	0	0	Nota	125	28	28	69			5.0		DS	DOP	
58.20	Microcontrolere si sisteme integrate						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	9	0	A/R	225	0	126	99			9.0		DS	DOB	
61.00	Sustinere examen de diploma						0	0	0	0	0	Nota	0	0	0	0			10.0		DS	DOB	
TOTAL AN		14	0	11	2	0	10	2	5	9	0	sem1 4 3 0 sem2 2 3 1	1500	336	406	758			30.0 30.0 + 10				

307.00 Voluntariat VII	0 1 0 0 0								A/R				50 0 14 36	2.0		DC	DFA
308.00 Voluntariat VIII					0 1 0 0 0				A/R				50 0 14 36	2.0		DC	DFA
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								

NUMAR ORE TOTAL	3162	DIN CARE	180.00	ORE PRACTICA	
TOTAL ORE CURS, SEMINAR, LAB.,PROIECT	2982				
TOTAL ORE DISCIPLINE FUNDAMENTALE - TIP DF	1830		57.87 %	din tot.activ.didactice oblig	min. 55%
DIN CARE - TIP DFF	546		17.27 %	din tot.activ.didactice oblig	min. 17%
TOTAL ORE DISCIPLINE DE SPECIALITATE - TIP DS	1130		35.74 %	din tot.activ.didactice oblig	min. 25%
TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC	182		5.76 %	din tot.activ.didactice oblig.	max. 8%
TOTAL ORE DISCIPLINE OBLIGATORII - CAT DOB	2778		87.86 %	din tot.activ.didactice oblig	max. 90%
TOTAL ORE DISCIPLINE OPTIONALE - CAT DOP	364		11.51 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE DISCIPLINE FACULTATIVE - CAT DFA	1002		31.69 %	din tot.activ.didactice oblig	min. 10%
TOTAL ORE CURS	1414				
TOTAL ORE ACTIVITATI APLICATIVE	1748				
RAPORT CURS / ACTIV. PRACTICE	0.81		1 +/- 0.20		
TOTAL ORE DE PREGATIRE INDIVIDUALA	2838				
total ore didactice pe saptamana	213				

Rector, Prof.Dr.Ing.Vasile Topa	Decan, Conf. dr. ing. Olivian Chiver	Director departament, Conf. dr. ing. Claudiu Ionel Lung
--	---	--