

**PLAN DE INVATAMANT Anul IV**

Nr. crt.	DISCIPLINA		Ore pe saptamana				PC	Forma de eval.	
	Denumire	Cod	C	S	L	P			
<b>S E M E S T R U L I</b>	<b>Discipline obligatorii (O)</b>								
	1	Comanda numerica a masinilor-unelte	UPB.06.S.07.O.001	2	0	1	1	5	E
	2	Mentenanata masinilor-unelte si sistemelor de productie	UPB.06.S.07.O.002	2	0	2	0	4	E
	3	Dinamica masinilor-unelte	UPB.06.S.07.O.003	2	0	2	0	4	E
	4	Marketing industrial	UPB.06.D.07.O.004	2	2	0	0	4	V
	5	Ingineria asistata de calculator 1	UPB.06.D.07.O.005	2	0	2	0	4	E
	6	Automatizarea masinilor-unelte si sistemelor de productie	UPB.06.S.07.O.006	2	0	1	1	5	E
	7	A41	UPB.06.S.07.A.007						
	Total discipline obligatorii (O)			12	2	8	2	26	
	<b>Discipline optionale (A)</b>								
	A41	Managementul cercetarii dezvoltarii si inovarii Managementul financiar	UPB.06.S.07.A.007	2	0	2	0	4	V
	Total discipline optionale (A)			2	0	2	0	4	
	<b>Total discipline obligatorii si optionale (O + A)</b>			<b>14</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>30</b>	
	<b>TOTAL ORE PE SAPTAMANA</b>			<b>28</b>					
<b>Discipline liber alese (L)</b>									
1	Exploatarea masinilor-unelte	UPB.06.C.07.L.008	2	0	2	0	2	V	
Total discipline liber alese (L)			2	0	2	0	2		
<b>S E M E S T R U L al II-lea</b>	<b>Discipline obligatorii (O)</b>								
	1	Tehnologia fabricarii masinilor-unelte	UPB.06.S.08.O.001	2	0	1	1	5	V
	2	Instalatii conexe pentru masini-unelte si sisteme de productie	UPB.06.S.08.O.002	2	0	1	1	5	V
	3	Asigurarea calitatii	UPB.06.D.08.O.003	2	0	2	0	3	V
	4	Fabricatie asistata	UPB.06.D.08.O.004	2	0	2	0	3	V
	5	Elaborare proiect de diploma (3sapt.x40ore/sapt.=120ore)	UPB.06.S.06.O.005	0	0	0	8	10	V
	6	A42	UPB.06.S.08.A.006						
	Total discipline obligatorii (O)			8	0	6	10	26	
	<b>Discipline optionale (A)</b>								
	A42	Sisteme de fabricatie robotizate Ingineria si analiza valorii	UPB.06.S.08.A.006	2	0	0	2	4	V
	Total discipline optionale (A)			2	0	0	2	4	
	<b>Total discipline obligatorii si optionale</b>			<b>10</b>	<b>0</b>	<b>6</b>	<b>12</b>	<b>30</b>	
	<b>TOTAL ORE PE SAPTAMANA</b>			<b>28</b>					
	<b>Discipline liber alese (L)</b>								
1	Prototipare virtuala 4 (NX Siemens PLM)	UPB.06.S.08.L.007	1	0	1	0	2	V	
2	Practica 3 (4sapt.x30ore/sapt.=120ore)	UPB.06.S.08.L.008					4	V	
3	Voluntariat 4 (14 sapt. X 5h/sapt.=70ore)	UPB.06.C.08.L.009	0	0	0	0	3	V	
Total discipline liber alese (L)			1	0	1	0	9		

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