

No.	Code	Course unit	Year III										Type of examinati			No. hours per course unit			ECTS		Remarks		
			Sem 5 (14 wks)					Sem 6 (14 wks)								Tot	C	Apl.	In. S	1		2	
			C	S	L	P	P	C	S	L	P	P	E	C	V	16	17	18	18	20		21	22
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	
		Mechanisms and machine elements II	3										N			75	42		33	3		DOB-DD	
		Mechanisms and machine elements II				2									N	50		28	22	2		DOB-DD	
		Machine-tools and manufacturing equipment	2		2	1							N			125	28	42	55	5		DOB-DS	
		Manufacturing technologies I	1		1								N			100	14	14	72	4		DOB-DS	
		Acquisition systems, interfaces and virtual instrumentation	2		2								N			125	28	28	69	5		DOB-DD	
		Computer aided design II	2		2									N		100	28	28	44	4		DOB-DD	
		Object oriented programming (Java)	1			2								N		75	14	14	47	3		DOB-DS	
		Sensors and sensing systems	2		2									N		100	28	28	44	4		DOB-DD	
		Robot mechanics						2	2					N		125	42	28	55		5	DOB-DS	
		Manufacturing technologies II						2		1				N		75	28	14	33		3	DOB-DS	
		Flexible manufacturing systems I						2		2				N		100	28	28	44		4	DOB-DS	
		Mechanical construction of industrial robots I						2		1				N		75	28	14	33		3	DOB-DS	
		Manufacturing robotization I						2		1				N		75	28	14	33		3	DOB-DS	
		Engineering of production systems						1		1				N		50	14	14	22		2	DOB-DS	
		Industrial informatics						1			1			N		50	14	14	22		2	DOB-DS	
		Optional 5						2		2	1			N		100	28	28	44		4		
		Microcontrollers and microprocessors																				DOP-DD	
		Artificial intelligence																				DOP-DD	
		Practical work III (for the specialisation of robotics)										3 wks x 30			A/R	100		90	10		4	DOB-DS	
																1500	392	426	682	30	30		

Facultative (Voluntary) [run only with minimum 20 students]

66	Project management	1		2										N		14	28					DFA-DS
67	Object oriented programming (Python)							1		2				N		14	28					DFA-DS

TOTAL		13	0	9	5	0	14	2	8	2	0										
		27					26														
No. ex/ No. Col+No. Verif.		4/3					4/5														

Rector
 Prof.dr.ing. Vasile Topa

Dean
 Prof.dr.ing. Nicolae Balc

Head of Department
 Prof.dr.ing. Claudiu Ratiu

Program director
 Prof.dr.ing. Stelian Brad