

No.	Cod	Course unit	Year I												Type of examination			No. hours per course unit				ECTS		Remarks
			Sem 1 (14 wks)					Sem 2 (14 wks)					E	C	V	Tot	C	Apl.	In. S	1	2			
			C	S	L	P	P	C	S	L	P	P												
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22		
		Mathematical analysis	2	2									N			100	28	28	44	4		DOB-DF		
		Linear algebra, analytical and differential geometry	2	2									N			100	28	28	44	4		DOB-DF		
		Physics	2		2								N			100	28	28	44	4		DOB-DF		
		Computer programming and programming languages I	2		2								N			100	28	28	44	4		DOB-DF		
		Chemistry	2		1									N		100	28	14	58	4		DOB-DF		
		Descriptive geometry	1		2									N		100	14	28	58	4		DOB-DF		
		Material science and engineering I	1		1									N		75	14	14	47	3		DOB-DD		
		<b>Optional 1</b>		1										N		50		14	36	2				
		Modern languages I (English)																				DOP-DC		
		Modern languages I (French)																				DOP-DC		
		Modern languages I (German)																				DOP-DC		
		Physical education and sport I		1											A/R	25		14	11	1		DOB-DC		
		Special mathematics						1	1					N		75	14	14	47		3	DOB-DF		
		Mechanics I						2	1					N		75	28	14	33		3	DOB-DD		
		Electrotechnics						2		2					N	100	28	28	44		4	DOB-DD		
		Computer programming and programming languages II						2		2				N		100	28	28	44		4	DOB-DF		
		Technical drawing and infographics						2		2				N		75	28	28	19		3	DOB-DF		
		Material science and engineering II						1		1				N		75	14	14	47		3	DOB-DD		
		Basics of robotics								1				N		25		14	11		1	DOB-DD		
		Communication						1	1					N		50	14	14	22		2	DOB-DC		
		<b>Optional 2</b>							2					N		50		28	22		2			
		Modern languages II (English)																				DOP-DC		
		Modern languages II (French)																				DOP-DC		
		Modern languages II (German)																				DOP-DC		
		Physical education and sport II							2						A/R	50		28	22		2	DOB-DC		
		Practical work (for the field of mechatronics and robotics)								2 wks x		30			A/R	75		60	15		3	DOB-DD		
																1500	322	466	712	30	30			

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

		Mathematical analysis and algebra	1	1											N		14	14				DFA-DF
		WEB technologies						1		2					N		14	28				DFA-DS

TOTAL			12	6	8	0	0	11	7	8	0	25										
			26					26														
No. ex/ No. Col+No. Verif.			5/3+1					5/4+2														

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