

TECHNICAL UNIVERSITY OF CLUJ-NAPOCA
 MATERIALS SCIENCE ENGINEERING FACULTY
 FIELD: MATERIAL ENGINEERING
 SPECIALIZATION: **Materials Processing Engineering**
 ENGINEERS: DURATION 4 YEARS - 240 CREDITS

2006-2007

EDUCATION CURRICULUM

No. · crt	Code	Discipline	Year IV												Examination form			No. hours on discipline				Credits		Obs.
			Sem 7 (14 s)					Sem 8 (14 s)					E	C	A/R	Tot	C	Apl.	St.ind	1	2			
			C	S	L	P	P	C	S	L	P	P										17	18	
0	1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23		
57	81525706	Equipments for plastic deformation processes	2		2								N			101	28	28	45	4		DIS		
58	81525806	Casting form procedures	2		1									N		90	28	14	48	4		DIS		
59	81525906	Casting machines and equipment	2		1								N			90	28	14	48	4		DIS		
60	81526006	Casting special processes	2		1	1							N			126	28	28	70	5		DIS		
61	81526106	Processing technoby by plast. def. I	2		1	2							N			140	28	42	70	5		DIS		
62	81526206	Processing technoby by plast. def. II	2		1	1							N			126	28	28	70	5		DIS		
63	81526306	Computer aided manufacturing	1		2									N		67	14	28	25	3		DIS		
64	81526406	Commercial and communitarian law	{2}	{1}									{N}			{82}	{28}	{14}	{40}	{3}		DC/Fac		
65	81526506	Ferrous alloys elab. and casting tech.						2		1	1		E			101	28	28	45		4	DIS		
66	81526606	Non-ferrous alloys elab. and casting tech						2		1			E			96	28	14	54		4	DIS		
67	81526706	Special processes of plastic deformation						2		1			E			77	28	14	35		3	DIS		
68	81526806	Heat treatment equipments						2		1			E			77	28	14	35		3	DIS		
69	81526906	Quality engineering						2	1					C		77	28	14	35		3	DID		
70	81527006	Material selection and design						{3}			{1}											Opt		
71	81527106	Technological processes automation						2		1				C		74	28	14	32		3	DIS		
72	81527206	Technological processes optimisation (mod.)																				Opt		
73	81527306	Modelling and simulation in mat. Engineering																						
74	81527406	Diploma project elaboration									8					318		112	206		10	DIS		
															1560	350	392	818	30	30				
TOTAL			13	0	9	4	0	12	1	5	9	0												
			26					27																
No. ex/ No. col			5/2					4/2																