

Technical University of Cluj-Napoca

Faculty of Machine Building

Type: Scientific professional / multi - disciplinary

Specialization: **Virtual Engineering for Competitive Manufacturing**

CURRICULLUM MASTER OF SCIENCE

Valid for the academic

year:

2009 - 2010

No	Code	Course title	Year I										Method of marking			No. of hours per course			Credits /sem							
			Sem 1 (14 s)					Sem 2 (14 s)					E	C	V	Tot	C	Apl.	St.ind	1	2					
			C	S	L	P	Ce	C	S	L	P	Ce														
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
1	32180109E	Computer Aided Design	1			2							1			120	14	28	78	5						
2	32180209E	Applied Mathematics in Engineering	2	1										1					1		96	28	14	54	4	
3	32180309E	Finite Element Analysis in Engineering	1		1									1					1		72	14	14	44	3	
4	32180409E	Quality Management	2		1								1					1			96	28	14	54	4	
5	32180509E	Optional 1A: Rapid Prototyping	2		1								1					1			96	28	14	54	4	
6	32180609E	1B: Mechanical Behaviour of Materials																								
7	32180709E	Research / Practical Activity I	14s x 14 hours=				196											1			285		196	89	10	
8	32180809E	Accuracy of Manufacturing Systems						2		1			2			96	28	14	54		4					
9	32180909E	Project Management						2		1			2					2			96	28	14	54		4
10	32181009E	Virtual Manufacturing						1		2				2					2		96	14	28	54		4
11	32181109E	Optional 2A: CAD for Competitive Manufacturing						2				1	2			1		2			110	28	14	68		5
12	32181209E	2B: Experiment Design																								
13	32181309E	Optional 3A: English Language								2					2				2		82		28	54		3
14	32181409E	3B: German Language																								
15	32181509E	Research / Practical Activity II					14s x 14 hours=	196	2					2			285		196	89		10				
																1530	210	574	746	30	30					

TOTAL	8	1	3	2	196	7	0	6	1	196
	14					14				
No.of exams/ No.of colloquium/ No.of verifying tests	4 e + 2c					4e + 2 v				

Rector

Prof.Dr.Eng. Radu MUNTEANU

Dean

Prof.Dr.Eng. Petru Berce

Programme coordinator,

Prof.Dr.Eng. Nicolae Balc