

Technical University of Cluj-Napoca

Faculty of Machine Building

Type: Professional scientific / multi - disciplinary

Specialization: **Virtual Engineering for Competitive Manufacturing**

## CURRICULLUM MASTER OF SCIENCE

Valid for the academic

year:

2009 - 2010

No	Code	Course title	Year II										Method of marking			No. of hours per course			Credits /sem		
			Sem 3 (14 s)					Sem 4 (14 s).													
			C	S	L	P	Ce	C	S	L	P	Ce	E	C	V	Tot	C	Apl.	St.ind	1	2
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
16	32181609E	Innovative Manufacturing for Product Development	2		1								3			82	28	14	40	3	
17	32181709E	Manufacturing Technologies for Car Components	2		2								3			117	28	28	61	5	
18	32181809E	Computer Aided Design of Forming Tools	2				2						3			117	28	28	61	5	
19	32181909E	Equipment Manufacturing, Adjustment and Control of Car Sub-assemblies	2		1									3		82	28	14	40	3	
20	32182009E	Optional 4A: Logistics of Manufacturing Systems	2		1									3		82	28	14	40	3	
21	32182109E	4B: Data-bases and Manufacturing Expert Systems																			
22	32182209E	Research / Practical Activity III	14s x 11 hours=				154						3			285		154	131	11	
23	32182309E	Research / Practical Activity IV						14s x 20 hours=				280	4			510		280	230		20
24	32182409E	MSC Final Project Preparation											4			255			255		10
																1530	140	532	858	30	30

TOTAL	10	0	5	2	154	0	0	0	0	280
	17					0				
No.of exams/ No.of colloquium/ No.of verifying tests	5 e + 2c					2e				

Rector

Prof.Dr.Eng. Radu MUNTEANU

Dean

Prof.Dr.Eng. Petru Berce

Programme coordinator,

Prof.Dr.Eng. Nicolae Balc