Technical University of Cluj-Napoca
Faculty of Machine Building
Profile: Industrial Engineering
Specialisation: **Manufacturing Engineering**

CURRICULLUM

No.		Course title	Year IV										Method of marking			No. of hours per course				Credits/ sem		Obs.
			Sem 7 (14 s)					Sem 8 (14 s)														
			C	S	L	P	P	C	S	L	P	P	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	22
73	DL4273	Cutting Processing Technologies II	3		2								N			130	42	28	60	5		
74	DL4274	Metal Forming Technologies	2		1	2							N			130	28	42	60	5		
75	DL4275	Design of Devices	3		2	1							N			156	42	42	72	6		
76	DL4276	CNC Technologies	2		1								N			104	28	14	62	4		
77	DL4277	Technologies and Equipments for Assembly	2		1									N		104	28	14	62	4		
78	DL4278	O7_Computer Aided Manufacturing	1		2									N		78	14	28	36	3		
79	DL4279	O7_Computer Aided Technological Design																				
80	DL4280	O8_Reliability and Maintenance	1		1									N		78	14	14	50	3		
81	DL4281	O8_Numerical Methods																				
82	DL4282	O8_Mechanization and Automation of Technological Processes																				
83	DL4283	F7_Intellectual Property	2		1								N			84	28	14	42	3		
84	DL4284	Manufacturing Engineering						2			2		N			132	28	28	76		5	
85	DL4285	Manufacturing Parts of Plastic and Composites						1		1			N			80	14	14	52		3	
86	DL4286	Technologies for Flexible Manufacturing Systems						2		1			N			80	28	14	38		3	
87	DL4287	Industrial Management						2	1				N			80	28	14	38		3	
88	DL4288	O9_Optimization of Technological Processes						1		1				N		80	14	14	52		3	
89	DL4289	O9_Cryogenic Technologies																				
90	DL4290	O9_Wood Processing Tools																				
91	DL4291	O10_ Logistics						1		1				N		82	14	14	54		3	
92	DL4292	O10_CNC Programming																				
93	DL4293	O10_Wood Processing Technologies																				
94	DL4294	F8_Web Applications Development						2		2			N			112	28	28	56		4	
95	DL4295	Research and Design Activities									8				N	186	0	112	74		7	
96	DL4296	Practical Work for Bachelor Diploma						2 sapt × 30							N	60	0	60	0		3	
																1560	322	452	786	30	30	
TOTAL			14	0	10	3	0	9	1	4	10	30										
			27					24														
No. of exams / No. of colloquium + No. of tests			4/3					4/2+2														
97	DL4297	Defending of Bachelor Diploma																			**10**	

Rector, Dean, IF Department Director, Specialization respondent,