

Technical University of Cluj-Napoca

Faculty of Machine Building

Profile: Industrial Engineering

Specialisation: **Manufacturing Engineering**

CURRICULLUM

No.	Code	Course title	Year III												Method of marking			No. of hours per course				Credits / sem		Obs.				
			Sem 5 (14 s)					Sem 6 (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						
51	DL4251	Machine Elements II	2			1	2								N			130	28	42	60	5						
52	DL4252	Fundamentals of Cutting and Surface Generation	3			2									N			130	42	28	60	5						
53	DL4253	Machine Tools I	2			1	2								N			130	28	42	60	5						
54	DL4254	Computer Aided Graphics II	1			2									N			104	14	28	62	4						
55	DL4255	Company Management	2	1											N			76	28	14	34	3						
56	DL4256	Marketing	2	1											N			78	28	14	36	3						
57	DL4257	Product Design	2			1									N			78	28	14	36	3						
58	DL4258	F5_Modeling and Simulation of Economic Systems	2			2									N			84	28	28	28	3						
59	DL4259	Cutting Processing Technologies I						2		1					N			78	28	14	36		3					
60	DL4260	Nonconventional Technologies						2		1	1				N			104	28	28	48		4					
61	DL4261	Finite Element Analysis						1		1					N			78	14	14	50		3					
62	DL4262	Fundamentals of Metal Forming						2		1					N			104	28	14	62		4					
63	DL4263	Design of Cutting Tools						3		2	1				N			154	42	42	70		6					
64	DL4264	Machine Tools II						2		1					N			104	28	14	62		4					
65	DL4265	O5_Welding Technologies						2		1					N			76	28	14	34		3					
66	DL4266	O5_Digital Command of Fabrication Processes																										
67	DL4267	O5_Fundamentals of Plastic and Composite Parts Manufacturing																										
68	DL4268	O6_Design for Environment						2		1					N			76	28	14	34		3					
69	DL4269	O6_Ecologics of Manufacturing Systems																										
70	DL4270	O6_Machine for Plastic Deformation																										
71	DL4271	F6_Ergonomics						2	1						N			84	28	14	42		3					
72	DL4272	Practical Work III													N			60	0	60	0		2					
			2 sapt x 30																									
															1560				420		396		744		28		32	
TOTAL			14	2	7	4	0	16	0	9	2	30																
			27					27																				
No. of exams / No. of colloquium			4/3					6/3																				

Rector,

Dean,

IF Department Director,

Specialization respondent,