

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI
FACULTY OF MACHINE MANUFACTURING AND INDUSTRIAL MANAGEMENT

Field of study: **Industrial Engineering**

Programme of Study: **PRODUCTION MANAGEMENT AND TECHNOLOGY**

Conferred title: Master degree

Study duration: 4 *semesters*

Form of education: *full-time*

CURRICULUM

YEAR 1

2019/2020

TYPE	No.	Course name	Course code	Prerequisites	Semester 1							Semester 2									
					No of hours / week / course						Eval.	K	No of hours / week / course						Eval.	K	
					C	S	L	P	PA	SI*			C	S	L	P	PA	SI*			
MC	1	Technical Project Management	AI,MTP,TAF-IA-101		2	0	0	1		78	E	5									
MC	2	Elements of Technological Physics	CFAC, MFA, MTP, SMM-IA-102		2	0	1	0		78	E	5									
MC	3	Preventive and Predictive Maintenance	MTP-IA-103		2	0	1	1		112	E	7									
MC	4	Design-Research Laboratory 1	MTP-PA-104						12	0	VP	7									
MC	5	Computer Aided Manufacturing Technologies	MTP,TAF-IA-107										2	0	2	0		64	E	5	
MC	6	Human Resources Management	MTP-IA-108										1.5	0	1.5	0		78	E	5	
MC	7	Technological Innovation	AI, MTP,TAF- IA-109										2	0	0	1		78	E	5	
MC	8	Fundamentals of Scientific Research	MTP, TAF-IA-110										2	1	0	1		88	E	6	
MC	9	Ethics and Integrity	CMMI-IA-111										1	1	0	0		20	C	2	
MC	10	Design-Research Laboratory 2	MTP-IA-112														10	28	VP	7	
OC	11	Special Plastic Shaping Technologies	MTP-IA-113		2	0	0	2		88	E	6									
		Manufacturing Technologies for Plastic Products	MTP.IA.114																		
FC	13	Total Quality Management	MTP-IA-115		1.5	0	2	0		88	E	6									
FC	14	Industrial Design	MTP-IA-116										2	0	0	1		78	E	5	
		Total hours per week, total evaluations and credits per semester				8	0	2	4	12	356	4E		8.5	2	3.5	2	10		4E	
						14				12		1VP	30	16				10	356	1C	30
						26									26						1VP

Abbreviation: **MC** - Mandatory Course; **OC** - Optional Course; **FC** - Free Course; **SI** - Individual (Non Assisted) Study;

PA - Partially Assisted; **C** – Course; **S** – Seminary; **L** – Laboratory; **P** - Project; **K** - no of credits

„GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IASI
FACULTY OF MACHINE MANUFACTURING AND INDUSTRIAL MANAGEMENT

Field of study: **Industrial Engineering**

Programme of Study: **PRODUCTION MANAGEMENT AND TECHNOLOGY**

Conferred title: Master degree

Study duration: 4 *semesters*

Form of education: *full-time*

CURRICULUM

YEAR 2

2020/2021

TYPE	No.	Course name	Course code	Prerequisites	Semester 1							Semester 2									
					No of hours / week / course						Eval.	K	No of hours / week / course						Eval.	K	
					C	S	L	P	PA	SI*			C	S	L	P	PA	SI*			
MC	1	Industrial Manufacturing Project Management	MTP-IA-201		1.5	0	0	1.5		102	E	6									
MC	2	Experimental Research Technique	MTP-IA-202		2	0	0	2		88	E	6									
MC	3	Strategic Management of Mechanical Manufacturing	AI,MTP,TAF- IA-203		2	0	0	1		78	E	5									
MC	4	Management of Industrial Technological Processes	MTP-IA-204		2	2	0	0		88	E	6									
MC	5	Design-Research Laboratory 3	MTP-PA-205						12	0	VP	7									
MC	6	Practical Training in Engineering Research	MTP-PA-206														12	72	VP	10	
MC	7	Master's Thesis Elaboration	MTP-PA-207														14	284	VP	20	
FC	8	Risks Management	MTP-IA-208		1.5	2	0	0		78	E	5									
FC	9	Professional Communication	MTP-IA-209		1.5	0	0	1.5		78	E	5									
		Total hours per week, total evaluations and credits per semester				7.5	2	0	4.5	12	356	4E		0	0	0	0	26			
						14				12			30	0				26	356	2VP	30
						26						1VP		26							
MC	10	Master's Thesis Exam	MTP-ED																E	10	

Abbreviation: **MC** - Mandatory Course; **OC** - Optional Course; **FC** - Free Course; **SI** - Individual (Non Assisted) Study;

PA - Partially Assisted; **C** – Course; **S** – Seminary; **L** – Laboratory; **P** - Project; **K** - no of credits