

FACULTY OF TECHNOLOGY ERASMUS MOBILITY PROGRAMME COURSE LIST

DEPARTMENT OF MANUFACTURING ENGINEERING (BACHELOR'S DEGREE)

COURSE CODE	NAME OF COURSE	SEMESTER	ECTS
FALL SEMESTER			
URT105	Introduction to Manufacturing Engineering	1	4
URT107	Tecnichal Drawing I	1	5
URT203	Engineering Mechanics	3	4
URT207	Computer Aided Design	3	4
URT211	Materials Science	3	4
URT213	Production Laboratory	3	7
URT301	Heat Treatment	5	4
URT313	Welding Technology	5	3
URT317	Machining Technologies	5	4
URT347	Computer Integrated Manufacturing Technologies	5	4
URT413	CAD/CAM	7	4

SPRING SEMESTER

URT112	Computer Aided Drawing	2	3
URT114	Technical Drawing II	2	3
URT202	Moulding Technologies	4	6
URT216	Work Security	4	2
URT304	CAD/CAM Manufacturing Systems	6	3
URT308	Measurement and Instrumentation	6	2
URT310	Manufacturing Automation	6	2
URT314	Casting Technology	6	2
URT318	Computer Aided Modelling	6	3
URT320	Welded Construction and Design	6	3
URT328	CNC Laboratory	6	4
URT440	Computer Integrated Manufacturing II	8	4

DEPARTMENT OF MANUFACTURING ENGINEERING (MASTER)

COURSE CODE	NAME OF COURSE	SEMESTER	ECTS
FALL SEMESTER			
IMM 704	Phase Diagrams In Metallurgy	1	8
IMM 712	Industrial Technology Of Powder Metal	1	8
IMM 724	Machining Of Engineering Materials	1	8
IMM 735	Dynamic Finite Element Analyze	1	8
IMM 797	M. Sc. Seminar	2	6
IMM 799	M. Sc. Thesis Research	3	26

SPRING SEMESTER

IMM 701	Advanced Materials Science	2	8
IMM 705	Solid State Welding Techniques	2	8
IMM 715	Finite Elements Methods	2	8
IMM 725	Manufacturing Methods	2	8
IMM 734	Iron Carbon Alloys And Their Heat Treatment	2	8
IMM 737	Tool Geometries And Wear Of Cutting Tools During Manufacturing	2	8
IMM 797	M. Sc. Seminar	4	6
IMM 799	M. Sc. Thesis Research	4	26

DEPARTMENT OF MANUFACTURING ENGINEERING (PhD)

COURSE CODE	NAME OF COURSE	SEMESTER	ECTS
FALL SEMESTER			
IMM 805	Thermomechanical Processing Of Steels	1	8
IMM 807	Mechanism Of Plastic Deformation And Matematical Modelling	1	8
IMM 808	Modeling Of Elastic/Plastic Deformation	1	8
IMM 809	Industrial Welding Technology	1	8
IMM 815	Production Of Non-Ferrous Metals And Alloys	1	8
IMM 817	Bulk And Sheet Metal Forming: Mechanics And Applications	1	8
IMM 823	The Methods Of Non-Traditional Machining	1	8
IMM 897	Ph.D. Seminar	3	6
IMM 899	Ph.D. Thesis Research	3	26