1.Semester Course Plan				
Course Code	**Course Name**	**T+A+L**	**Compulsory/Elective**	**ECTS**
İMM5011	EXPERIMENTAL AND ANALYTICAL APPROACHES IN MACHINING	3+0+0	Compulsory	8
İMM5041	PROGRAMMING TECHNIQUES IN MANUFACTURING AND DESIGN	3+0+0	Compulsory	8
İMM5131	USE OF FINITE ELEMENT METHOD USE IN CUTTING FORCES	3+0+0	Compulsory	8
İMM5151	STRATEGIC MANAGEMENT AND ENGINEERING IN PRODUCTION SY	3+0+0	Compulsory	8
83FBE5001	PREPARATİON FOR M. SC. THESİS	3+1+0	Compulsory	5
83FBE5002	M. SC. THESİS STUDY	3+1+0	Compulsory	30
83FBE5003	SEMİNAR	2+0+0	Compulsory	5
83FBE7001	SCIENTIFIC RESEARCH METHODS AND ETHICS	3+0+0	Compulsory	6
İMM5021	TECHNOMETRICS	3+0+0	Elective	8
İMM5031	DESIGN OF INJECTION MOULD AND PLASTIC PRODUCTS	3+0+0	Elective	8
İMM5061	SYSTEM ANALYSIS	3+0+0	Elective	8
İMM5071	APPLIED CAD-CAM	3+0+0	Elective	8
İMM5081	APPLIED FINITE ELEMENT ANALYSIS	3+0+0	Elective	8
İMM5091	NUMERICAL MODELING ON DESIGN	3+0+0	Elective	8
İMM5101	POWDER INJECTION MOLDING	3+0+0	Elective	8
İMM5111	CNC SYSTEMS AND INDUSTRIAL APPLICATIONS	3+0+0	Elective	8
İMM5141	EXPERIMENTAL DESIGN AND ANALYSIS FOR COMPOSITES	3+0+0	Elective	8
İMM5161	TECHNOLOGY MANAGEMENT	3+0+0	Elective	8
İMM5171	ARTIFICIAL INTELLIGENCE IN MECHANICAL AND MANUFACTURING	3+0+0	Elective	8
İMM5181	DATA STRUCTURES ON DESIGN AND PRODUCTION	3+0+0	Elective	8
İMM5191	TEST METHODS FOR PLASTICS	3+0+0	Elective	8
İMM5201	DESIGN OF INDUSTRIAL MECHANISMS	3+0+0	Elective	8
İMM5211	DESIGN OF SHEET METAL PARTS AND DIES	3+0+0	Elective	8
İMM5221	ASSEMBLY DESIGN AND PLANNING	3+0+0	Elective	8
İMM5231	NUMERICAL ANALYSIS OF NON-IDEAL FLUID	3+0+0	Elective	8
İMM5241	MECHANICS OF SHEET METAL FORMING	3+0+0	Elective	8
İMM5251	MECHANICAL BEHAVIOR OF ENGINEERING MATERIALS	3+0+0	Elective	8
İMM5261	INSTRUMENTATION AND SIGNAL PROCESSING	3+0+0	Elective	8
İMM5271	ADDITIVE MANUFACTURING PROCESS AND REVERSE ENGINEERIN	3+0+0	Elective	8
İMM5281	ANALYSIS and DESIGN of PNEUMATIC SYSTEMS	3+0+0	Elective	8
İMM5291	MATERIAL SELECTION and MANUFACTURING FACTORS	3+0+0	Elective	8
İMM5301	WEAR AND WEAR MECHANISMS	3+0+0	Elective	8
İMM5311	HYDRAULIC SERVO CONTROL	3+0+0	Elective	8
İMM5321	ANALYSIS ENGINEERING IN SHEET METAL FORMING	3+0+0	Elective	8
			Total ECTS	**286**