

IZMIR INSTITUTE OF TECHNOLOGY
FACULTY OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING
UNDERGRADUATE PROGRAM

BÖLÜME 2009-2010 GÜZ YARIYILINDAN İTİBAREN YENİ BAŞLAYAN ÖĞRENCİLER İÇİN GEÇERLİDİR.

First Semester				Prerequisite / Corequisite
MATH	141	Basic Calculus I	(3-2)4	
PHYS	121	General Physics I	(3-2)4	
CHEM	101	General Chemistry	(3-2)4	
ME	101	Introduction to Mechanical Engineering	(2-0)2	
ENG	101	Development of Reading and Writing Skills I	(3-0) 3	
ME	113	Computer Aided Engineering Drawing I	(2-2)3	
Total : 20 Credits				

Second Semester				Prerequisite / Corequisite
MATH	142	Basic Calculus II	(3-2)4	
PHYS	122	General Physics II	(3-2)4	
ME	150	Materials Science and Engineering I	(3-0)3	
ENG	102	Development of Reading and Writing Skills II	(3-0) 3	
CS	104	Basic Information Technology	(1-2) NC	
ME	114	Computer Aided Engineering Drawing II	(2-2)3	
Total : 17 Credits				

Third Semester				Prerequisite / Corequisite
ME	221	Statics	(3-0)3	
ME	251	Materials Science and Engineering II	(3-0)3	
MATH	255	Differential Equations	(4-0)4	
CS	205	Basic Computer Science and Programming	(2-2)3	
ECON	205	Principles of Economics	(3-0)3	
HIST	201	Principles of Atatürk I	(2-0)NC	
TURK	201	Turkish Language I	(2-0)NC	
Total : 16 Credits				

Fourth Semester				Prerequisite / Corequisite
ME	202	Fluid Mechanics I	(3-0)3	
ME	206	Thermodynamics I	(3-0)3	
ME	222	Dynamics	(3-0)3	
ME	224	Strength of Materials	(3-0)3	ME 221
ME	242	Applied Mathematics for Engineers	(3-0)3	
EE	210	Fundamentals of Electrical and Electronic Circuits	(3-0)3	
HIST	202	Principles of Atatürk II	(2-0)NC	
TURK	202	Turkish Language II	(2-0)NC	
Total : 18 Credits				

Fifth Semester				Prerequisite / Corequisite
ME	303	Fluid Mechanics II	(3-0) 3	
ME	307	Thermodynamics II	(3-0) 3	ME 206
ME	311	Machine Elements I	(3-0) 3	
ME	323	Manufacturing Processes	(3-0) 3	
ME	331	Theory of Machines I	(3-0) 3	
ME	343	Numerical Methods in Engineering	(3-0) 3	
ME	300	Summer Practice I		
Total : 18 Credits				

Sixth Semester				Prerequisite / Corequisite
ME	312	Machine Elements II	(3-0)3	
ME	328	Manufacturing Engineering	(3-0)3	
ME	332	Theory of Machines II	(3-0)3	
ME	340	Heat Transfer	(4-0)4	
ME	352	System Analysis and Control	(4-0)4	
ENG	302	Technical Writing and Communication	(3-0)3	
Total : 20 Credits				

Seventh Semester				Prerequisite / Corequisite
<u>ME</u>	401	Engineering Economics and Design	(3-2)4	
<u>ME</u>	409	Mechanical Engineering Laboratory	(2-2)3	
		Technical Elective	(3-0)3	
		Technical Elective	(3-0)3	
		Non-Technical Elective	(3-0)3	
<u>ME</u>	400	Summer Practice II		
				Total : 16 Credits

Eighth Semester				Prerequisite / Corequisite
<u>ME</u>	402	Engineering Design	(2-4)4	<i>ME 401</i>
		Technical Elective	(3-0)3	
		Technical Elective	(3-0)3	
		Technical Elective	(3-0)3	
		Non-Technical Elective	(3-0)3	
				Total : 16 Credits

TOTAL CREDITS :			141
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