

GTÜ Makine Mühendisliği Lisans Ders Programı

Dönemi	Ders Kodu	Ders Adı	AKTS Kredisi	GTÜ Kredisi	T+U+L
1	MAT 101	<u>Calculus I</u>	7	5	5+0+0
1	FİZ 121	<u>Physics I</u>	6	4	3+0+0
1	FİZ 151	<u>Physics Lab I</u>	1	1	0+0+2
1	KİM 101	<u>General Chemistry I</u>	5	3	3+0+0
1	KİM 113	<u>General Chemistry Lab I</u>	1	1	
1	MAK 101	<u>Introduction to Mechanical Engineering</u>	5	2,5	
1	MAK 104	<u>Computer Aided Drawing</u>	4	3	
1	MAK 107	<u>Computational Systems in Mechanical Engineering</u>	3	2,5	
Dönem Sonu Toplamı			32	22	
2	MAT 102	<u>Calculus II</u>	7	5	5+0+0
2	FİZ 122	<u>Physics II</u>	6	4	3+0+0
2	FİZ 152	<u>Physics Lab II</u>	1	1	0+0+2
2	MAT 116	<u>Linear Algebra</u>	5	3	3+0+0
2	MAK 102	<u>Mechanical Engineering Freshman Project</u>	2	0,5	0+1+0
2	İNG 250	<u>Economics</u>	3	3	
2	ENF 202	<u>Object Oriented Programming</u>	4	3	3+0+0
Dönem Sonu Toplamı			28	19,5	
3	MAT 215	<u>Differential Equations</u>	5	3	
3	MAK 209	<u>Engineering Statistics</u>	4	2,5	
3	MAK 211	<u>Materials Science for Engineers</u>	6	4	
3	MAK 231	<u>Statics</u>	5	3	
3	MAK 241	<u>Principles of Thermodynamics</u>	5	3,5	
3	TÜR 101	<u>Turkish I</u>	2	2	2+0+0
3	İNG 401	<u>Occupational Health and Safety I</u>	1	1	
Dönem Sonu Toplamı			28	19	
4	MAT 214	<u>Numerical Methods</u>	5	3	3+0+0
4	MAK 212	<u>Strength of Materials</u>	6	4	
4	MAK 242	<u>Applications of Thermodynamics</u>	4	3	
4	ELM 221	<u>Electrical Circuits</u>	6	4	3+0+2
4	MAK 232	<u>Dynamics</u>	5	3,5	
4	TÜR 102	<u>Turkish II</u>	2	2	2+0+0
4	İNG 402	<u>Occupational Health and Safety II</u>	1	1	
4	XXX XXX	<u>Non-Technical Elective</u>	3	3	2+0+0
Dönem Sonu Toplamı			32	23,5	
5	MAK 321	<u>Manufacturing Processes</u>	5	3	
5	MAK 323	<u>Design of Machine Elements</u>	6	4	
5	MAK 331	<u>System Dynamics and Vibration</u>	5	3	
5	MAK 341	<u>Fluid Mechanics</u>	6	4	
5	STB 101	<u>Principles of Atatürk and The History of Turkish R</u>	2	2	2+0+0
5	İNG 300	<u>Summer Practice I</u>	1	0,5	
5	XXX XXX	<u>Technical Elective (MATH)</u>	4	3	2+0+0
Dönem Sonu Toplamı			29	19,5	
6	MAK 304	<u>Measurement and Instrumentation</u>	4	3	
6	MAK 332	<u>Control Systems Theory</u>	5	3	
6	MAK 342	<u>Heat Transfer</u>	5	3	
6	İNG 111	<u>Business English</u>	2	2	2+0+0
6	STB 102	<u>Principles of Atatürk and The History of Turkish R</u>	2	2	2+0+0
6	XXX XXX	<u>MAK Elective (Design)</u>	5	3	2+0+0
6	XXX XXX	<u>MAK Elective (Computational)</u>	5	3,5	2+0+0
6	XXX XXX	<u>Non-Technical Elective</u>	3	0	2+0+0
Dönem Sonu Toplamı			31	19,5	
7	MAK 491	<u>Graduation Project I</u>	6	3	
7	İNG 112	<u>Academic English</u>	2	2	2+0+0
7	İNG 400	<u>Summer Practice II</u>	1	0,5	
7	XXX XXX	<u>MAK Elective</u>	5	0	2+0+0
7	XXX XXX	<u>MAK Elective</u>	5	0	2+0+0
7	XXX XXX	<u>Technical Elective (Science)</u>	5	3	2+0+0
7	XXX XXX	<u>Technical Elective</u>	4	0	2+0+0
7	XXX XXX	<u>Free Elective</u>	3	0	2+0+0
Dönem Sonu Toplamı			31	8,5	
8	MAK 492	<u>Graduation Project II</u>	6	3	
8	XXX XXX	<u>MAK Elective</u>	5	0	2+0+0
8	XXX XXX	<u>MAK Elective</u>	5	0	2+0+0
8	XXX XXX	<u>MAK Elective</u>	5	0	2+0+0
8	XXX XXX	<u>Technical Elective (Interdisciplinary)</u>	5	0	2+0+0
8	XXX XXX	<u>Free Elective</u>	3	0	2+0+0
Genel Toplam			240	134,5	

T: Teori, U: Uygulama, L: Laboratuvar. Uygulama ve laboratuvar saatlerinin yarısı ile teori saatleri toplanarak derslerin GTÜ kredileri elde edilir.