

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GMI103	Material Science	1	3	0	0	3	3
Prerequisites							
Admission Requirements							
Language of Instruction	Turkish						
Course Type	Compulsory						
Course Level	Associate Degree						
Objective	To teach the students manufacturing and repairing materials, basics of metallurgy, non-metal materials, materials under load,vibration						
Content	manufacturing and repairing materials, basics of metallurgy, non-metal materials, materials under load,vibration						
References	Lecture, Slides,Projections						

Theory Topics

Week	Weekly Contents
1	Manufacturing and repairing materials
2	Manufacturing and repairing materials
3	Structures and how to use them
4	Structures and how to use them
5	Applications
6	Applications
7	Basics of metallurgy, metals and processing
8	Basics of metallurgy, metals and processing
9	Non-metal materials
10	Non-metal materials
11	Materials under load
12	Materials under load
13	Vibration
14	Vibration