## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM147	Material	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		