Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM234	Machine Design	3	2	0	0	2	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	The students who take the lesson will learn about the structure of the machine equipments,tensile and shear strength and bearings
Content	The classification of machine equipment -Roller bearing,bolt, pivot -Riveting,Casting,sealing and welding in connections -Gear box
References	Lecture,Slides and educational videos

Theory Topics

Week	Weekly Contents
1	The structure of the machine elements
2	The structure of the machine elements
3	Constant resistance
4	Constant resistance
5	Connections related to the material
6	Connections related to the material
7	Connections with forced
8	Connections with forced
9	Connections with forced
10	Roller bearings
11	Roller bearings
12	Coupling
13	Coupling
14	Coupling