

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM105	Technical Drawing I	1	2	0	2	3	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	1. To introduce the importance of technical drawing and standard concept, 2. To teach of technical drawing basics in engineering.
Content	To introduce the importance of technical drawing and standard concept with technical drawing tools and materials. Lines and their meanings. Technical writing. Principles of dimensioning and tolerance. Projection, views of objects and sectional views. Fundamentals of machine elements drawing and assembly drawing.
References	1) Naci Şahin. (2004). Teknik Resim Temel Ders Kitabı. Kozanofset. 2) Prof.Dr. Nejat Kırış. (2012). Teknik Resim. Bursa: Dora Basım Yayın. 3) Prof.Dr. Nejat Kırış. (2012). Makine Meslek Resim. Bursa: Dora Basım Yayın. 4) Can Ertekin, Z. Deniz Alta, Recep Kōlcü, Aziz Ŗzmerzi. (2010). Teknik Resim. Ankara: Efil Yayınevi

Theory Topics

Week	Weekly Contents
1	Drawing Tools and Materials
2	Text and Figures
3	Line and Variety
4	Related Geometrical Drawings Truths
5	Related Geometrical Drawings Angles
6	Polygons Drawing
7	Circle and Tangent Truths Related Drawings
8	Oval Drawings
9	Drawing an Ellipse
10	Helix Drawings
11	Projection Drawings
12	Removing Appearance
13	Removing Appearance
14	Dimensioning