

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM116	Technical Drawing II	2	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 K�lc�, Aziz �zmerzi. (2010). Teknik Resim. Ankara: Efil Yayınevi

Theory Topics

Week	Weekly Contents
1	Definition and types of perspective
2	Isometric perspective drawing definition and rules.
3	Isometric perspective drawing and rules
4	Perspectives of the isometric drawing views of parts.
5	Perspectives of the isometric drawing views of parts.
6	Perspectives of the isometric drawing views of parts.
7	Perspectives of the isometric drawing views of parts.
8	Definition and properties of cross sectional appearances.
9	Cross section types and rules.
10	Cross section types and rules. (Semi sectional drawing)
11	Cross section types and rules. (Semi sectional drawing)
12	Cross section types and rules. (Graded cross sectional drawing)
13	Cross section types and rules. (Partial and rotated cross sectional drawings)
14	Perspective drawing of the shape of all sections.