



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Engineering Drawing							
Course Code		BSM217		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The objective of the course is to provide gaining of knowledge and skills on technical drawing for their professional career							
Course Content		Technical Drawing Tools and Line Drawing Techniques , Geometrical Drawings, Projection Theory and Obtaining Projection,Completing the Views, Dimensioning Techniques and Scales, Cross Sectional View, Perspective (Pictorial) drawings							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Project Based Study					
Name of Lecturer(s)		Prof. Türker SARAÇOĞLU							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Karagöz, Y. 2003. Uygulamalı Teknik Çizim. Ege Üniversitesi Basımevi, İZMİR.
2	Şen, İ Z ve Özçilingir, N. 2007. Teknik Resim. Deha Yayıncılık. ISBN: 975 95660 4 4

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction the course and general information about the teaching aids and drawing instruments
2	Theoretical	Using of drawing equipments, some important points on drawing equipments usage and paper forms
3	Theoretical	Lines and Lettering
4	Theoretical	Applied Geometry
5	Theoretical	Descriptive geometry
6	Theoretical	Theory of Projection Drawing (three-view drawing)
7	Theoretical	Midterm exam
8	Theoretical	Projections of surfaces bounded by linear edges
9	Theoretical	Projections of an elliptical and a curved boundary
10	Theoretical	Sectional views
11	Theoretical	Sectional views of the more complicated object
12	Theoretical	Dimensioning Principles and standards of size description
13	Theoretical	Pictorial drawing and perspective
14	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Midterm Examination	1	0	8	8
Final Examination	1	0	8	8
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Ability to use engineering drawing tools effectively
2	Learning the projection theory, to draw different appearances of objects or to read drawn views
3	Being able to parts dimensioning and being able to grasp dimensioned parts



4	Descriptive geometry
5	Pictorial drawing and perspective

