AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Technical Drawing						
Course Code	MRS183		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	125 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	In this course; To teach technical drawing and reading proficiency.						
Course Content	Text, line, geometric drawings, projections, views, views Cutaway view, surface conditions.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Problem Solving						
Name of Lecturer(s)	Assoc. Prof. Murat ÜNVERDİ						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Course books, supplementary books, applications and other resources leaves

Week	Weekly Detailed Course Contents	
1	Theoretical	Technical formal understanding, Drawing Paper and Text
2	Theoretical	Line types
3	Theoretical	geometric drawings
4	Theoretical	Tangential connections
5	Theoretical	projections
6	Theoretical	projections
7	Theoretical	Apparently
8	Theoretical	apparently complete
9	Intermediate Exam	MIDTERM
10	Theoretical	Detail view and aid draw
11	Theoretical	Cutaway view
12	Theoretical	Dimension
13	Theoretical	Dimension
14	Theoretical	Surface conditions
15	Theoretical	Surface conditions
16	Final Exam	FINAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Laboratory	25	0	2	50
Individual Work	7	0	1	7
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	125
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learns the standard text, line and apply.

2	Applies tangent and bow drawing methods in appearances.
3	Draws the necessary views for the part expression.
4	Identifies and applies the appropriate section to facilitate the expression of parts.
5	Learns the rules of measurement, applies to appearances.

Programme Outcomes *(Machinery)*

1	To be able to know general properties and usage areas of industrial materials and make selection.
2	Design of machine elements.
3	To be able to make production using machining and welding machines without machining.
4	To be able to make measurement and quality control processes with machine tools for measuring and control equipment.
5	To be able to make necessary corrections in order to determine the mistakes by using the necessary non-destructive test methods in welded parts and to eliminate these mistakes.
6	Preventive measures to prevent the occurrence of these faults by preliminarily determining the faults that will occur in the machines as statistical data and to make necessary interventions in case of breakdown.
7	They can make drawings of work pieces on CAD station and apply them on CNC looms. Ability to operate and use CAD / CAM and AUTOCAD package programs.
8	To be able to transfer engineering science and technology to practice by making calculations in the direction of scientific principles.
9	It can repair the elements in pneumatic and hydraulic systems which are indispensable elements of automatic control systems and can regulate their work.
10	The student who is trained as a machine technician during the whole program knows that industrial task definition in the field of work is error finding, problem solving, decision making, planning of functions and activities and they can be achieved by aiming to acquire these characteristics.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1
P1	3
P2	5
P3	4
P4	5
P5	5
P6	5
P7	5
P8	5
P9	3
P10	4