

## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Welding Technology	ding Technology					
Course Code	MKE213	MKE213 Couse Level		Couse Level Short Cycle (Associate's Degree)			
ECTS Credit 2	Workload 50 (Ho	urs) Theory	2	Practice	0	Laboratory	0
Objectives of the Course Melting-based welding methods and the ability to weld under protective atmosphere are aimed.							
Course Content Gas melting welding, Electric arc welding, MIG / MAG welding, TIG welding.							
Work Placement N/A							
Planned Learning Activities and Teaching Methods Explanation (Presentation), Demonstration							
Name of Lecturer(s)  Assoc. Prof. Ali Kemal ÇAKIR							

Assessment Methods and Criteria				
Method	Quantity	Percentage (%)		
Midterm Examination	1	40		
Final Examination	1	70		

## **Recommended or Required Reading**

1 Kaynak Teknolojisi ders notları

Week	<b>Weekly Detailed Cour</b>	se Contents
1	Theoretical	Gas melting furnace
2	Theoretical	Gas melting furnace
3	Theoretical	Gas melting furnace
4	Theoretical	Electric arc welding
5	Theoretical	Electric arc welding
6	Theoretical	Electric arc welding
7	Theoretical	MIG / MAG welding
8	Theoretical	MIG / MAG welding
9	Intermediate Exam	Midterm
10	Theoretical	MIG / MAG welding
11	Theoretical	TIG welding
12	Theoretical	TIG welding
13	Theoretical	TIG welding
14	Theoretical	Submerged Arc welding
15	Theoretical	Submerged Arc welding
16	Final Exam	Final Examination

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	1	5
Term Project	5	0	1	5
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
	50			
[Total Workload (Hours) / 25*] = <b>ECTS</b>				
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes				
1	Making gas melting welding			
2	Making electrical arc welding			



3	Welding under gas atmosphere (MIG / MAG)	
4	Make a TIG welding	
5	Submerged Arc Welding	

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

	L1	L2	L3	L4
P1	5	4	4	5
P2	5	4	4	4
P3	5	4	5	5
P4	5	4	4	4
P5	4	5	5	5
P6	4	4	4	4
P7	4	5	5	5
P8	5	4	4	4
P9	5	5	4	5
P10	5	4	4	5

