

WELDING TECHNOLOGY

1	Course Title:	WELDING TECHNOLOGY
2	Course Code:	MKNS213
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. Oğuzhan ÇANKAYA
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Öğr. Gör. Oğuzhan ÇANKAYA (oguzhanc@uludag.edu.tr) tel: 0 224 294 23 38
17	Website:	
18	Objective of the Course:	The objective of this course is to give the ability to students related to welding and assembling sheets
19	Contribution of the Course to Professional Development:	Will be able to learn and apply resource types
20	Learning Outcomes:	
	1	To weld workpieces by using oxy-gas welding
	2	To assemble weld workpieces by using oxy-gas welding
	3	To assemble weld workpieces by using electric arc welding
	4	To assemble weld workpieces by using gas metal arc welding
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Assembling Sheets by Using Oxy-Gas Welding	
2	Assembling Sheets by Using Oxy-Gas Welding	
3	Assembling Sheets by Using Oxy-Gas Welding	

4	Assembling Sheets by Using Electric Arc Welding	
5	Assembling Sheets by Using Electric Arc Welding	
6	Assembling Sheets by Using Electric Arc Welding	
7	Assembling ts MIG/MAG Gas Metal Arc Welding,	
8	Assembling ts MIG/MAG Gas Metal Arc Welding,	
9	Mid Exam	
10	Assembling ts MIG/MAG Gas Metal Arc Welding,	
11	Assembling ts MIG/MAG Gas Metal Arc Welding,	
12	Gas Shielded Tungsten (TIG) Electric Arc Welding	
13	Gas Shielded Tungsten (TIG) Electric Arc Welding	
14	Final Exam	

22	Textbooks, References and/or Other Materials:	
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23	Assesment	
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TERM LEARNING ACTIVITIES		NUMBE	WEIGHT		
Activites			Number	Duration (hour)	Total Work Load (hour)
Homework-project		0	0	2.00	28.00
Practicals/Labs			0	0.00	0.00
Self study and preperation		2	10	1.00	10.00
Homeworks			6	1.00	6.00
Success Grade Projects			0	0.00	0.00
Field Studies			0	0.00	0.00
Total			10	10.00	10.00
Midterm exams			0	0.00	0.00
Others			0	0.00	0.00
Final Exams			1	40.00	40.00
Total Work Load					94.00
Total work load/ 30 hr					3.13
ECTS Credit of the Course					3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	5	4	4	4	5	5	4	5	4	4	5	4	4	3	4
ÖK2	4	5	3	5	5	4	3	5	2	3	1	3	4	5	3	3
ÖK3	2	3	3	4	5	3	4	4	5	5	4	3	5	4	3	3
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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