

HYDRAULIC PNEUMATIC

1	Course Title:	HYDRAULIC PNEUMATIC	
2	Course Code:	MKNZ206	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	1	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. RASIM KADERLİ	
15	Course Lecturers:	Öğr. Gör. ESRA ÖZDEMİR ve Öğr. Gör. KENAN SAKA	
16	Contact information of the Course Coordinator:	esraozdemir@uludag.edu.tr / 0506 575 46 93 / Uludağ Üniversitesi Yenişehir İbrahim Orhan MYO	
17	Website:		
18	Objective of the Course:	To understand the working principles of hydraulic and pneumatic control systems, these control systems circuit edit and establish a hydraulic circuit in accordance with the criteria.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Explains basic hydraulic principles and solve numerical problems.
		2	Explains the elements and functions of hydraulic circuit.
		3	Draws the symbols of hydraulic circuit components and circuits establishes.
		4	Remembers the failures and maintenance methods in hydraulic circuit elements.
		5	Analyses ways to provide hydraulic circuit elements and criteria in order.
		6	Explains basic pneumatic principles and solve numerical problems.
		7	Explains the elements and functions of pneumatic circuit.
		8	Draws the symbols of pneumatic circuit components and circuits establishes.
		9	Remembers the failures and maintenance methods in pneumatic circuit elements.
		10	Analyses ways to provide pneumatic circuit elements and criteria in order.
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Lessons to inform and identifying hydraulic circuit elements.		
2	Creating hydraulic circuit diagram.	Creating hydraulic circuit diagram.	

ÖK5	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK8	4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	5	0	5	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			