



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Professional Foreign Language II							
Course Code		MTR255		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In this course; The aim of the course is to gain basic professional language knowledge and basic professional language knowledge.							
Course Content		Review of general knowledge of English, which will form the basis of professional foreign language proficiency, Mechatronics technical terms, Automation systems, electrical, electronic systems and parts, mechanism systems and parts							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

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Week	Weekly Detailed Course Contents	
1	Theoretical	Oral and written communication in professional subjects
2	Theoretical	Oral and written communication in professional subjects
3	Theoretical	PCI Configuration
4	Theoretical	PCI Configuration
5	Theoretical	PCI Configuration
6	Theoretical	Electronic Circuit
7	Theoretical	Electronic Circuit
8	Theoretical	Electronic Circuit
9	Theoretical	Electronic Circuit
10	Theoretical	Electronic Circuit
11	Theoretical	SCADA
12	Theoretical	SCADA
13	Theoretical	Hydraulics
14	Theoretical	Hydraulics
15	Theoretical	Hydraulics

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Updating basic English information
2	Learn the basic technical terms related to Mechatronics Program
3	To be able to comprehend basic level texts



4	Increasing the ability to communicate in written or oral matters about mechatronics
5	To learn the basic grammatical rules in order to use professional technical terms

Programme Outcomes (Mechatronics)

1	TECHNICAL FOREIGN LANGUAGE
2	BASICS OF MECHATRONICS
3	TECHNICAL DRAWING
4	DOING BASIC MECHANIC PROSESES
5	CHOOSE THE MATERIALS
6	DOING MECHANICAL SYSTEM DESIGN
7	SET UP A HYDRAULIC OR PNEUMATIC SYSTEMS
8	DOING COMPUTER AIDED MECHANICAL DESIGN
9	USING FLEXIBLE PRODUCING SYSTEMS
10	USING COMPUTER AIDED MACHINE TOOLS
11	DOING ELECTRICAL AND ELECTRONICAL
12	SET UP ELECTRICAL AND ELECTRONICAL CIRCUITS
13	SET UP LOGICAL CIRCUITS
14	DOING COMPUTER AIDED ELECTRONICAL CIRCUITS DESIGN
15	SET UP ELECTRICAL MOTORS
16	SET UP MICROCONTROLLER CIRCUITS
17	SET UP CONTROL SYSTEMS
18	COMMUNICATE CONTROL SYSTEMS
19	DOING INDUSTRIAL ROBOTIC PROGRAMMING AND MAINTENANCE
20	WRITING COMPUTER PROGRAMME
21	Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences.
22	Ability to plan a career in their own profession.

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5

