



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Professional Foreign Language-II							
Course Code		MRS293		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		These courses are students; knowledge of basic professional language with basic professional concepts and definitions aimed to gain competencies.							
Course Content		General knowledge of English will be the basis for professional language proficiency, the term commonly used in the field of machinery manufacturing, words and concepts, tools used in machine manufacturing workshops, machines and components used in machine manufacturing workshop, basic identification patterns, numerical values and quantities, mathematical terms and four basic operations, shapes and colors, one, two and three-dimensional shapes, flat and curved-edged shapes, angles.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Ins. Alpaslan BAŞARIK							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Books, supplementary books, lecture notes and other sources
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Week	Weekly Detailed Course Contents	
1	Theoretical	English equivalents of machine elements
2	Theoretical	Computer-aided looms and looms elements used in machine manufacturing and industrial mold
3	Theoretical	Computer-aided looms and looms elements used in machine manufacturing and industrial mold
4	Theoretical	Materials and technical terms used in the manufacture of machinery and industrial molding
5	Theoretical	English equivalents of the menus used in CAD software
6	Theoretical	English equivalents of the menus used in CAD software
7	Theoretical	English equivalents of the menu used in the CAM software
8	Theoretical	The tools used in technical drawing - supplies and basic concepts
9	Intermediate Exam	MIDTERM
10	Theoretical	The tools used in technical drawing - supplies and basic concepts
11	Theoretical	The expression of measurement and measuring instruments
12	Theoretical	The basic concepts used in hydraulic and pneumatic systems
13	Theoretical	Basic concepts of total quality management
14	Theoretical	3D scanning and plotting
15	Theoretical	The basic concepts used in welding
16	Final Exam	FINAL EXAM

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	10	10
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	To be able to comprehend the importance of professional foreign language knowledge
2	Ability to understand and use professional terms
3	To have enough knowledge about the profession in a foreign language
4	To be able to express his / her thoughts in the field by using basic definitions and concepts
5	To be able to read and understand documents written in foreign language related to the profession

**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	L2	L3	L4	L5
P10	3	5	5	5	5

