

BASIC MANUFACTURING PROCESSES

1	Course Title:	BASIC MANUFACTURING PROCESSES	
2	Course Code:	MKNZ101	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	Yok	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. EROL KILIK	
15	Course Lecturers:	Öğr.Gör. Rasim KADERLİ	
16	Contact information of the Course Coordinator:	Öğr.Gör. Rasim KADERLİ Teknik Bil. M.Y.O Makine Prog. tlf.224 2942375	
17	Website:		
18	Objective of the Course:	Chipless machining and manufacturing equipment and machinery required for technicians in the basic technological processes, and improve the student's ability to comprehend the basic measurement and control, and manufacturing operations.	
19	Contribution of the Course to Professional Development:	Getting to know the machine for manufacturing applications	
20	Learning Outcomes:		
		1	Measurement and control procedures required to make the machine technicians.
		2	Professional practical use of theoretical knowledge.
		3	Abrasive cutting tools sharpening stones of knowledge and skills to make transactions.
		4	Leveling of knowledge and skills to do basic operations.
		5	Universal lathe turning looms basic knowledge and skills to make transactions.
		6	Detachable and can not be disassembled to realize the knowledge of the elements of consolidation.
		7	Basic welding processes of knowledge and skills to make transactions.
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Compass and protractor and measuring operations can not grasp the principles of measurement.	Measurement of various machine parts.	

2	Grindstone various hand tools and cutting tools, grinding machines, free.	Various cutting tools sharpened.
3	Grindstone various hand tools and cutting tools, grinding machines, free.	Various cutting tools sharpened.
4	Using the basic leveling tools.	Grading operations on the part of the application.
5	Using the basic leveling tools.	Grading operations on the part of the application.
6	Universal turning lathe bench basic processes of knowledge and skills.	Part of the application process on the lathe.
7	Universal turning lathe bench basic processes of knowledge and skills.	Part of the application process on the lathe.
8	Universal turning lathe bench basic processes of knowledge and skills.	Part of the application process on the lathe.
9		
10	Universal turning lathe bench basic processes of knowledge and skills.	Part of the application process on the lathe.
11	Universal turning lathe bench basic processes of knowledge and skills.	Part of the application process on the lathe.
12	Welding operations basic knowledge and skills.	Welding operations on the part of the application.
13	Welding operations basic knowledge and skills.	Welding operations on the part of the application.
14	Welding operations basic knowledge and skills.	Welding operations on the part of the application.

22	Textbooks, References and/or Other			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	1	14	2.00	28.00
Midterm Exam	1	20.00		
Practicals/Labs		14	2.00	28.00
Self study and preperation		10	2.00	20.00
Home work-project	1	20.00		
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Total	3	100.00		
Field Studies		0	0.00	0.00
Measurement of Term (Year) Learning Activities to Success Grade		1	30.00	30.00
Others		0	0.00	0.00
Final Exams		1	40.00	40.00
Total		100.00		
Total Work Load				146.00
Measurement and Evaluation Techniques Used in the Course			Measurement and Evaluation is carried out according to the principles of Bursa uludag University Associate and	4.87
ECTS Credit of the Course				5.00

24 ECTS / WORK LOAD TABLE

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	5	4	5	4	4	4	4	5	5	5	3	3	3	4	4	4
ÖK2	4	5	4	5	4	4	4	4	5	4	5	4	5	4	5	4
ÖK3	5	4	5	4	5	5	4	5	4	4	5	5	4	5	4	5
ÖK4	3	4	4	5	4	4	5	4	5	5	4	4	5	4	5	4

ÖK5	4	5	5	4	5	5	4	5	4	4	5	5	4	5	4	5
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	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			