MANUFACTURING METHODS									
1	Course Title:	MANUFACTURING METHODS							
2	Course Code:	MAK3014							
3	Type of Course:	Compulsory							
4	Level of Course:	First Cycle							
5	Year of Study:	2							
6	Semester:	4							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to	ace						
14	Course Coordinator:	Doç. Dr.	RUKİYE ERTAN						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Doç. Dr. Rukiye Ertan Bursa Uludağ Üniversitesi Otomotiv Müh. Böl. 16059 Görükle/Bursa e-mail: rukiye@uludag.edu.tr tel: 0 224 2940653							
17	Website:								
18	Objective of the Course:	To give information about the principles of traditional manufacturing methods, introduction of factors affecting manufacturing and application areas.							
10		methods	, introduction of factors affecting manufacturing and						
18	Contribution of the Course to Professional Development:	methods	, introduction of factors affecting manufacturing and						
	Contribution of the Course to	methods	, introduction of factors affecting manufacturing and						
19	Contribution of the Course to Professional Development:	methods	, introduction of factors affecting manufacturing and						
19	Contribution of the Course to Professional Development:	methods applicati	, introduction of factors affecting manufacturing and on areas. Students will have a basic knowledge about production						
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2	Principles of casting technique and classification of casting methods																
3	Sand casting method (pattern, mold, core materials)																
4		Permanent mold casting, die casting, centrifugal casting															
5	Princ	rinciples of metal forming															
6	Forgi	ing															
7	Exan	Exam															
8	Rollir	Rolling, Extrusion															
9	Wire	Vire drawing, Sheet metal forming															
10	Intro weldi		on to	joininę	g proc	esses,	Oxyfu	uel ga	s								
11				arc w c weld		g (MIG/	/MAG,	, TIG),									
12	Othe	r we	lding	metho	ds												
13	Solde	ering	J														
14	Final	Exa	ım														
22		Textbooks, References and/or Other Materials:						Gra Lyr Bu	John A.S., "Introduction to Manufacturing Processes", Mc GrawHill. Lyndon E., Mark E., "Manufacturing with Materials", Butterworth Scientific. Gültekin N. " Kaynak Tekniği",1996								
Activites					٦	Number			Duration (hour)			Total Work Load (hour)					
TERME	EARN	NING	ACTI	VITIES	1		N	UMBE	WÉ	weldght			3.00			42.00	
Practicals/Labs						0			0.00			0.00					
Self stu	lidy ar	m id pr	epera	tion			1		30,	30,00			6.00			84.00	
Homeworks					1	1			1.00			1.00					
Project	ome work-project					06				0.00			0.00				
Field S	ield Studies						2			8.00			16.00				
Midtern	al 3						10	100.00			2.00			2.00			
Others	thers						C	0			0.00			0.00			
	Final Exams									2.00			2.00				
Total W	Total Work Load											147.00					
Total w	otal work load/ 30 hr					100.00							4.90				
ECTS (ECTS Credit of the Course						5.00										
24	ECT	S/	WO	RK L	OAD	TAB	LE										
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	C)	4	5	3	0	3	3	5	4	2	2	1	0	0	0	0
ÖK2	C)	4	5	5	0	3	3	5	4	5	2	1	0	0	0	0
ÖK3	C)	4	5	5	0	3	3	5	4	5	2	1	0	0	0	0
ÖK4	C)	4	5	3	0	3	3	5	4	5	2	1	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications									
Contrib ution Level:	1 very low	2 low	3 Medium	4 High	5 Very High				