COMPUTER AIDED DESIGN										
1	Course Title:	COMPU	TER AIDED DESIGN							
2	Course Code:	BSM250	6							
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	4								
7	ECTS Credits Allocated:	4.00								
8	Theoretical (hour/week):	1.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:									
12	Language:	Turkish								
13	Mode of Delivery:	Face to face								
14	Course Coordinator:	Doç. Dr. FERHAT KURTULMUŞ								
15	Course Lecturers:	Prof. Dr. KEMAL SULHİ GÜNDOĞDU								
16	Contact information of the Course Coordinator:									
17	Website:									
18	Objective of the Course:	The aim of the course is to give the students the ability to use computer aided design programs to solve the mechanical and structural design problems they encounter in their fields.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	to able to use Autocad and Solidworks software at basic level.							
		2	Recognizes basic drawing and solid modeling tools and methods.							
		3	to able to design complex objects starting from simple geometric references							
		4	to able to model agricultural machine components and elements of agricultural structures in computer environment							
		5								
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1	In first lesson, the aim of the course, lesson to be conducted, exam methor expected duty from students will be explained.	how the od,	Information will be provided to install the AutoCAD program on students' computers.							

2	By entering AutoCAD program, basic elements will be introduced.Extensio lines, intersection, point capture mod introduced.	c drawing n of le will be	The relevant application will be made.							
3	Creation of circular objects, sizing an labeling of created objects	ld	The relevant application will be made.							
4	Introducing surfaces and user-define coordinate system in three-dimension	d nal work	The relevant application will be made.							
5	Creation of simple three-dimensional	objects	The relevant application will be made.							
6	Teaching of the differences of of thre dimensional surface and solid objects	e s	The relevant application will be made.							
7	Creation of three-dimensional comple objects	эх	The relevant application will be made.							
8	Introducing Solidworks software, bas working environment and tools	ic	Inf stu	Information will be provided to install Solidworks on students' computers.						
9	Basic geometric drawings		T٧	vo dimensional sketch	concept and refere	nce planes				
10	Creation of complex two-dimensional drawings	I	Th	e relevant application	will be made.					
11	Advanced mate relationships in two- dimensional drawings		The relevant application will be made.							
Activit	IT ophiguog and reference geometry :es	upped to		Number	Duration (hour)	Total Work Load (hour)				
Theore	Selid models of some mechanisms a	nd	Τń	e ⁴ relevant application	will be made.	14.00				
Practic	als/Labs		ŕ	14	2.00	28.00				
Self2stu	ዋራ ም መንግግ የምምር የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ		1 Güzel, S., 2004. Solid Works 2004 Parçal P Ve Montajlar,							
Homew	vorks			1	40.00	40.00				
Project	8		2.(Şen, İ.Z., Bora, H., 20	₽09. ©©©solidWorks 201	0.09eha				
Field S	tudies		(0	0.00	0.00				
Midtern	Assesment Texams			1	20.00	20.00				
Others			(0	0.00	0.00				
FinaleFr	₩Æŷâm	1	20	100	16.00	16.00				
Total W	Vork Load					118.00				
Hotalev	୧୦୦୫kdସ୍କ୍ରେଟ୍ଡି hr	1	20	.00		3.93				
ECTS	Credit of the Course					4.00				
Total		3	10	0.00						
Contribution of Term (Year) Learning Activities to Success Grade				40.00						
Contrib	ution of Final Exam to Success Grade	Э	60.00							
Total			100.00							
Measu Course	rement and Evaluation Techniques Us	sed in the								
24	ECTS / WORK LOAD TABLE									

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	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					