COMPUTER AIDED DESIGN									
1	Course Title:	COMPU	TER AIDED DESIGN						
2	Course Code:	GTTZ104							
3	Type of Course:	Compulsory							
4	Level of Course:	Short Cycle							
5	Year of Study:	1							
6	Semester:	2							
7	ECTS Credits Allocated:	4.00							
8	Theoretical (hour/week):	2.00							
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:	Öğr.Gör. MUSTAFA PALA							
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.							
16	Contact information of the Course Coordinator:	onc@uludag.edu.tr							
17	Website:								
18	Objective of the Course:	Basic CAD and AutoCAD'a Introduction, 2 and 3 dimensional drawings done with the basic AutoCAD commands							
19	Contribution of the Course to Professional Development:	Attain competence in computer-aided drawing.							
20	Learning Outcomes:								
		1	To have basic knowledge of Cad-Cam						
		2	Be able to draw using theoretical and experimental methods.						
		3	Drawing be able to produce solutions for the problems of producers and industrialists.						
		4	Two-dimensional skills to be able to draw all kinds of						
		5	Three-dimensional skills to be able to draw all kinds of						
		6	To have knowledge of basic AutoCAD.						
		7	Modern and contemporary issues and gain the ability to learn.						
		8							
		9							
		10							
21	Course Content:								
		Co	ourse Content:						

Week	Theoretical		Practice							
1	The concept and the advantages of C introduction and use of CAD program and interface, saving of CAD files.	CAD, The screen	The use of CAD program							
2	Settings of screen, linetype, layer,toolbox,,coordinate systems on CAM.	CAD-	Creating a layer, making measured drawing							
3	Draw commands (line,multilne,spline,pline,rectangle,po ipse,circle,arc, divide,measure,donut,region,hatch).	olygon,ell	Measured drawing applications using draw commands.							
4	Text ,Text style,text edit commands.		Measured drawing applications using draw commands.							
5	Dimension commands and dimension the drawing, 2D(two-dimensional) dr applications.	ning on awing	Measured drawing applications using draw- modify- dimension commands.							
6	Print-plot commands and plotting, be use blocks, creating blocks and to ins blocks on the drawing.	able to sert	Drawing machine parts ,dimensioning, inserting surface finish –shape and position tolerance and print –plotting applications							
7	Repetition of the course and MidTern	n Exam	-							
8	The importance of 3D three-dimensic design on CAD and introduction of 3I commands.	onal D	3[D (three-dimensional) o	drawing application	S.				
9	Solid model design using modelling commands; creating, editing and mal changes on solid models using 3D op and Solid editing.	king peration	3D (three-dimensional) drawing applications.							
Activit	es			Number	Duration (hour)	Total Work Load (hour)				
Theore	Make to changes on the assembly file	e and	4	14	2.00	28.00				
Practica	als/Labs			14	2.00	28.00				
Self stu	assembly control parts place over the)	r si	mulation on the assem	By file applications	42.00				
Homew	vorks			0	0.00	0.00				
Project	Arrangement of 2D (two dimensional))	С	0 reating technical drawi	0.00 ng of a mechanism	0.00 is assembled				
Field St	tudies			0	0.00	0.00				
Midtern	lassembled , numbering, partlist editir ICreating exploded 3D assembly draw	ng, vinas		1	11.00					
Others				0	0.00	0.00				
Final E	Greating technical and assembly drav	wing	a	nd assembly drawing a	pplicetions.	11.00				
Total W	/ork Load					120.00				
T 0222 w	draxtband/k30 References and/or Other		•	Zeki Şen.İ,Bora H, Cor	nputer Aided Drawi	n4g9ØA.CAD				
ECTS (Credit of the Course					4.00				
			• Zeki Şen.i,Bora H.Bilgisayar Destekli Çizim-A.CAD Application Examples De-Ha Publishing,2005 Lecturer notes Inventor web help pages							
23	Assesment									
TERM L	EARNING ACTIVITIES	NUMBE	W	EIGHT						
Midtern	n Fxam	К 1	40	0.00						
				0.00						
Home	work-project	0	0.00							
Final E	vam	1	60.00							
		2	100.00							
Total		۷	100.00							

Contribution of Term (Year) Learning Activities to Success Grade	40.00					
Contribution of Final Exam to Success Grade	60.00					
Total	100.00					
Measurement and Evaluation Techniques Used in the Course	Measurement and evaluation is carried out according to the priciples of Bursa uludag University Associate and Undergraduate Education Regulation.					

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	1	1	1	2	4	4	4	1	2	2	4	2	1	2	1	2
ÖK2	1	1	1	2	4	4	4	1	2	2	4	2	2	2	1	2
ÖK3	1	1	1	2	4	4	4	1	2	2	4	1	2	2	1	1
ÖK4	1	1	1	2	4	4	4	2	2	2	4	2	2	2	2	1
ÖK5	1	1	1	2	4	4	4	2	2	2	4	2	2	1	2	1
ÖK6	2	1	2	2	3	4	4	2	1	2	3	2	2	2	2	1
ÖK7	4	4	4	4	4	4	4	4	4	4	4	3	2	3	2	1
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low 2			2 low		3 Medium			4 High			5 Very High				