COMPUTER AIDED DESIGN IN LANDSCAPE ARCHITECTURE

1	Course Title:	COMPUTER AIDED DESIGN IN LANDSCAPE ARCHITECTURE
2	Course Code:	PYZ2009
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	3
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:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. Elvan ENDER ALTAY
15	Course Lecturers:	Doç.Dr. Elvan ENDER ALTAY
16	Contact information of the Course Coordinator:	Doç.Dr. Elvan ENDER ALTAY Bursa Uludağ Üniversitesi Ziraat Fakültesi Peyzaj Mimarlığı Bölümü 16059 Görükle/Bursa Tel: 0 224 294 1639 Fax: 0 224 294 1637 e-posta: elvanender@uludag.edu.tr
17	Website:	
18	Objective of the Course:	AutoCAD drawing software, AutoCAD drawing 2 and 3-dimensional drawing techniques are intended to show.
19	Contribution of the Course to Professional Development:	To be able to do modeling and visualization applications in computer aided drawing programs
20	Learning Outcomes:	

		1	To be able to understand CAD software in landscape architecture
		2	To be able to learn 2D drawing techniques
		3	To be able to learn Autocad drawing software
		4	To be able to draw landscape projects in CAD
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21	Course Content:	

Course Content:	

Week	Theoretical	Practice
1	CAD softwares that are being used in landscape architecture	Introduction to CAD
2	Examination of landscape projects drawed by CAD softwares	Introduction to CAD and project examination

3	Autocad commands that will be used in 2D drawings	Autocad exercises	
4	Autocad exercises in 2D	Autocad exercises	
5	Autocad commands that will be used in 3D drawings	Autocad exercises	
6	Autocad exercises in 3D	Autocad exercises	
7	Autocad exercises in 3D	Autocad exercises	
8	A small project drawing	Sample project drawing with Autocad	
9	Student presentations	Sample project drawing with Autocad	
10	Student presentations	Sample project drawing with Autocad	
11	Visualization with Autocad	Visualization examples	
12	Visualization examples	Visualization exercise on Autocad	
13	Student presentations	Project presentations	
14	Student presentations	Project presentations	

22	Textbooks, References and/or Other Materials:	• Frey, D., McFarland, J., 2008, AutoCAD 2008 ve AutoCAD LT 2008, Alfa Yayınları, İstanbul. • Simon Gilbert; ArchiCAD for AutoCAD Users, 2011, USA • EKEBAŞ A. N., Temel AutoCAD 2004, Seçkin Kitabevi, 2004 • Gökalp, B., 2004, Herkes için AutoCAD 2004, Pusula Yayıncılık, İstanbul.

23 Assesment

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Quiz	0	0.00	
Practicals/Labs	14	2.00	28.00
Self Study and preperation	10	2.00	20.00
Final Exam	1	60.00	
Homeworks	1	10.00	10.00
Projects	0	0.00	0.00
Contribution of Term (Year) Learning Activities to	40.00		
Field Studies	0	0.00	0.00
Midterm exams	1	14.00	14.00
Contribution of Final Exam to Success Grade	60.00		
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Measurement and Evaluation Techniques Used in the	Midterm and final exams are applied. The success at the evaluation		
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0
ÖK3	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0
ÖK4	0	0	5	0	0	0	0	0	0	5	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