BIM DESIGN WITH ARCHICAD									
1	Course Title:	BIM DES	SIGN WITH ARCHICAD						
2	Course Code:	MIM305	7						
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	le						
5	Year of Study:	3							
6	Semester:	5							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Prof. Dr. SELEN DURAK							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	nkaya@uludag.edu.tr							
17	Website:								
18	Objective of the Course:	With the BIM system, which allows architectural, static, mechanical, electrical and plumbing projects to be worked on simultaneously on the model, the basis of this way of working, which allows the project design and implementation processes in the construction sector to be completed in a short time, is to convey the basis of this way of working through the ARCHICAD program.							
19	Contribution of the Course to Professional Development:	Making case studies on how to complete the design, projecting and presentation processes of an architectural project with the BIM system in a short time through the ARCHICAD program, reinforcing the BIM working style by making applications in the ARCHICAD environment.							
20	Learning Outcomes:								
		1	Recognition of Building Information Modeling technology by students and ensuring its effective use in the architectural project drawing process. Use of technology in architectural design and drawing.						
		2	Reinforcement of technical expressions in architectural project drawings, Understanding the importance of technical expressions in architectural project design stages and BIM-based applications. Teaching a different representation tool in architectural project drawing						
		3	Learning the importance of the unity of design and application, including structural elements and connection details, in the drawing and manufacturing of a project. Seeing the three-dimensional plane equivalents of Epure plane drawings.						
		4							
		5							
		6							
		7							
		8							
		9							

		10										
21	Course Content:											
	Course Content:											
Week	Theoretical		Practice									
1	What is BIM (Building Information Mc	deling)?										
2	What can be done with Archicad, a B based program?	IM-										
3	Interface explanation, "level" logic in Archicad, Walls											
4	Definition and drawing of axes, colum column-axis relationship, doors and v	nns, vindows.										
5	Identification and drawing of floors ar suspended ceilings, roofs.	nd										
6	Single storey case study (part 1)											
7	Ramps, stairs, railings											
8	Single-storey sample study (2nd part Topography, Section taking, View tak	) + king										
9	Dimensions, elevations, symbols, roc labels, color fill legend, placing on rea made sheets, placing north arrow, pla rotated plan on sheets	om label, ady- acing										
10	Curtain wall											
11	2nd case study 1st lesson, Wall layer	S										
Activit	es		Number	Total Work Load (hour)								
Theore			14		2.00	28.00						
13 Practica	I2nd case study 3rd lesson_detailed_ als/Labs		0	0 0.00 0.0								
Self stu	Tuiling operations, arrangement or elevery	vations	14	28.00								
Homew	I(+nomework)		1		10.00	10.00						
Project	Views, Laying		0		0.00	0.00						
Field S	tudies		0		0.00	0.00						
Midtern	Nexternisis:		Notvember 20	009	10.00	10.00						
Others			0		0.00	0.00						
Final E	kams		*Graphisoft E	BIM Curricu	440.00	14.00						
Total W	/ork Load			ronhiooft or		90.00						
Total w	ork load/ 30 hr					3.00						
ECTS (	Credit of the Course					3.00						
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT									
Midtern	n Exam	1	20.00									
Quiz		0	0.00									
Home v	work-project	1	20.00									
Final E	xam	1	60.00									
Total		3	100.00									
Contrib Succes	ution of Term (Year) Learning Activitiess Grade	es to	40.00									
Contrib	ution of Final Exam to Success Grade	)	60.00									
Total			100.00									

Measurement and Evaluation Techniques Used in the	Measurement and evaluation are carried out according to
Course	the principles of Bursa Uludağ University Associate
	Degree and Undergraduate Education and Training
	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	3	1	5	4	4	2	1	5	4	5	5	0	0	0	0	0
ÖK2	3	3	4	3	3	1	3	2	5	3	3	0	0	0	0	0
ÖK3	3	1	5	4	3	2	3	5	4	4	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very lo ution Level:		low	2 low			3 Medium		4 High			5 Very High					