

BUILDING COMPONENTS III

1	Course Title:	BUILDING COMPONENTS III	
2	Course Code:	MIM2008	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	4	
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:	MIM 2009 Building Science 2	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. NİLÜFER TAŞ	
15	Course Lecturers:	Prof.Dr. Nilüfer TAŞ Prof. Dr. Murat TAŞ Doç.Dr. Sevgen PERKER Dr. Öğretim Üyesi Zuhal ŞİMŞEK	
16	Contact information of the Course Coordinator:	nilufertas@uludag.edu.tr 0224 2942138 B. U.Ü. Mimarlık Fakültesi Mimarlık Bölümü Nilüfer/ Bursa	
17	Website:		
18	Objective of the Course:	The aim is to give the structural system design and to solve detail problems of windows and doors, curtain wall, raised flooring system, suspended ceiling, cladding which are related with the architectural design and applications	
19	Contribution of the Course to Professional Development:	Selection of components and elements that make up the basic principles of the building, and the ability to design to integrate.	
20	Learning Outcomes:		
		1	Selection of components and elements that make up the basic principles of the building, and the ability to design to integrate.
		2	Understanding the basic principles of design of the building envelope materials and systems, understanding the application forms
		3	The ability to create technical documentation.
		4	Ability of making the architectural design, application information and details necessary to be able to interpret.
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21	Course Content:		
		Course Content:	

Week	Theoretical	Practice		
1	The rough opening on the building's wall, the elements of window			
2	The expected task form window, the factors to be controlled in window frame			
3	The elements of window frame Homework- 1			
4	The elements of window frame Homework- 2	Practice -1		
5	Window components and details Homework- 3	Practice -2		
6	General informations about doors			
7	Doors components and details Homework- 4	Practice -3		
8	Doors components and details Homework- 5	Practice -4		
9	The design principles and details of curtain wall and details			
10	The design principles and details of curtain wall and details	Practice -5		
11	The design principles and details of raised			
Activites		Number	Duration (hour)	Total Work Load (hour)
13	General Practice	Practice -7	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preparation		9	3.00	27.00
22	Textbooks, References and/or Other	Illustrated, Van Nostrand Reinhold, Newyork.		
Homeworks		5	7.00	35.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		BILAN, Muhittin.,(1981), Anşap Pencerele,	1.00	1.00
Others		0	0.00	0.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	1.00
Total Work Load				120.00
Midterm Exam		1	0.00	4.00
Total work load/ 30 hr		6	20.00	
Quiz				
ECTS Credit of the Course				4.00
Home work-project		1	5.00	
Final Exam		1	60.00	
Total		9	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		The midterm exam, the final exam and the determined number of applications, homework studies constitute the success grade.		
24	ECTS / WORK LOAD TABLE			

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	5	5	3	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK2	5	5	3	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK3	5	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK4	5	5	5	1	1	1	1	1	1	1	4	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			