

## 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 Zuhâl 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:		
		<b>Course Content:</b>	

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 flooring system, suspended ceiling, cladding		
12	The design principles and details of raised flooring system, suspended ceiling, cladding	Practice -6	
13	General Practice	Practice -7	
14	Repetition of the overall subject		
22	Textbooks, References and/or Other Materials:	Illustrated, Van Nostrand Reinhold, Newyork. İZGİ Utarit., Pencereleler 1-2 BİNAN, Muhittin.,(1981), Ahşap Kapılar, 1981, İstanbul. BİNAN, Muhittin.,(1981), Ahşap Pencereleler,	
23	Assesment		
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT
Midterm Exam		1	5.00
Quiz		6	30.00
Homeworks, Performances		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	<b>ECTS / WORK LOAD TABLE</b>		

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	9	3.00	27.00
Homeworks, Performances	5	7.00	35.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
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	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
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			