BUILDING CONSTRUCTION II

1	Course Title:	BUILDING CONSTRUCTION II	
2	Course Code:	MIM2009	
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:	MIM 1006 Building Science 1	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. MURAT TAŞ	
15	Course Lecturers:	Prof. Dr. Murat TAŞ Prof.Dr. Nilüfer TAŞ Prof. Dr. Filiz ŞENKAL SEZER Prof. Dr. Yasemin ERBİL Doç.Dr.Sevgen PERKER Yrd.Doç.Dr.Zuhal ŞİMŞEK	
16	Contact information of the Course Coordinator:	murattas@uludag.edu.tr 0224 2942137 B.U.Ü. Mimarlık Fakültesi Mimarlık Bölümü Nilüfer/ Bursa	
17	Website:		
18	Objective of the Course:	The purpose of this course is to introduce stairways and roofs to the students so that they can make the right approach and attain accurate results in their roof and stairway solutions.	
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	Understanding the design and the basic principles of application forms of vertical circulation.
		2	An ability to design appropriate vertical circulation to various physical disabilities to live.
		3	Understanding the basic principles of design of the building envelope materials and systems, understanding the application forms
		4	Selection of components and elements that make up the basic principles of the building, and the ability to design to integrate.
		5	The ability to create technical documentation.
		6	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	Information about the lesson	
2	Information about elements (stairs, lift, ramps) for vertical movement between stories of a building, classification of stairs Homework-S1	
3	Construction of stairs, structural features of stairs Homework-S2	The Practice-S1
4	Circular Stairs, Timber and Metal Stairs Homework-S3	
5	Balance the steps of stairs Homework-S4	The Practice -S2
6	Kinds of roof, classification of roofs, roofs according to structure Homework-R1	
7	The solution of roofs, calculation of a roof slope homework-R2	
8	Characteristics of Ridge roofs Homework-R4	
11	Large-span roof space	
12	Large-span roof space	The Practice – R2
13	The roofings, types of eaves overhang, roof gutter, gutter pipe, sheet-metal work, sheet-	
14	Homework-R6	The Practice – R3
15	Materials:	İstanbul. SARI, A., 1992 "Düşey Sirkülasyon Araçları"
		CHING, F., Building Construction Illustrated, Van Nostrand Reinhold, Newyork.
23	Assesment	

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	14	1.00	14.00
Homeworks	8	6.00	48.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	4.00	4.00
Others	0	0.00	0.00
Final Exams	1	4.00	4.00
Total Work Load			126.00
Total work load / 30 hr			4.20
ECTS Credit of the Course			4.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	20.00
Quiz	7	10.00
Home work-project	8	10.00
Final Exam	1	60.00
Total	17	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	midterm exam, final exam and number of applications, homework success is not success.

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	1	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK2	5	5	1	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK3	5	5	1	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK4	5	5	3	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK5	5	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
ÖK6	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**