BUILDING COMPONENTS I

1	Course Title:	BUILDING COMPONENTS I
2	Course Code:	MIM1006
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. FILIZ ŞENKAL SEZER
15	Course Lecturers:	Öğr. Gör. Dr. Rengin BECEREN ÖZTÜRK
16	Contact information of the Course Coordinator:	filizss@gmail.com, Tel: 0. 224. 2942126 Uludağ Üniversitesi Müh.- Mim. Fak. Mimarlık Bölümü
17	Website:	
18	Objective of the Course:	This course aims to teach the students the masonry and skeleton structure system formations consisting of different foundation and flooring types so that they can make the right approach for the analysis of these systems. The contents of the course are basically the concepts about construction, ground types, masonry and concrete structure systems and all kinds of foundations, walls and floorings.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To have knowledge about building structural systems
	2	To recognize masonry and skeleton (carcass), production systems.
	3	To analyze and according to instead choose correctly masonry and skeleton (carcass), production systems.
	4	To gain research skills, teamwork skills, speaking and writing skills, graphic skills to work, ability to benefit from the examples and critical thinking skills
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	Basic concepts of construction, types of ground, pit construction	
2	Masonry structural system	
3		Drawing application: Plan, section, appearance, basement (Masonry structural system)
4	Skeleton (carcass) systems, foundations, insulation of foundations.	
5		Drawing application: Plan, section, appearance, basement, foundation (Skeleton system)
6	Movement joints in buildings, dilatation, working scaffold, molding techniques in reinforced concrete frame structure, sewage	
7		Drawing application: Masonry and reinforced concrete frame structure
8	Repeating courses and midterm exam	
9	Walls, wall voids	
10	Floors, types of flooring in reinforced concrete structures, floor plate, ribbed slab, coffered slab, hollow-tile floor slab	
11		Drawing application: Plan, section, appearance, basement, foundation (reinforced concrete frame structure)
12	Chimneys, The rules need to be considered in construction the chimney	
13	Wood frame structures	
14		Drawing application: Plan, section, appearance, basement,

Activites	Number	Duration (hour)	Total Work Load (hour)
22 Textbooks, References and/or Other Materials:	ŞEZER, A. M., 2002, Yapı Bilgisi, MSÜ İstanbul Kültür Üniversitesi Yayınları, İstanbul.		
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	13	1.00	13.00
Homeworks	10	2.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	0	0.00	0.00
Final Exams	1	3.00	3.00
Total Work Load			96.00
Total work load/ 30 hr			3.12
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Quiz	0	0.00
Final Exam	1	60.00
Contribution of Term (Year) Learning Activities to		40.00

Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	

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	4	3	2	2	2	0	0	0	4	0	0	0	0	0	0

ÖK2	4	4	3	2	2	2	0	0	0	3	0	0	0	0	0	0
ÖK3	4	4	3	2	2	2	0	0	0	2	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	3	0	0	0	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**