CARRIER SYSTEM DESIGN I									
1	Course Title:	CARRIE	R SYSTEM DESIGN I						
2	Course Code:	MIM3009	9						
3	Type of Course:	Compuls	ory						
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:	Strength	of materials						
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Prof. Dr.	BILAL BAĞBANCI						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	mbilal@uludag.edu.tr tel:294 21 47							
17	Website:								
18	Objective of the Course:	It aims to teach the construction techniques and material properties of structural system from past to present.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	To teach general rules of strength of materials and the history of construction techniques						
		2	To teach the design of masonry structures						
		3	To teach the design of timber structures						
		4	To teach the design of reinforced concrete structures						
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
		Co	ourse Content:						
Week	Theoretical		Practice						
1	The history of structural systems								
2	Loads and structural systems								
3	Seismic loads								
4	The design criteria of structural syste	ems							
5	Historical masonry systems								
6	The earthquake behavior and hazar historical masonry systems	ds of							

7	The d	e design criteria of masonry structures															
8	Timbe	r s	tructu	res													
9	The ea timber	The earthquake behavior and hazards of imber structural systems															
10	The m	he material properties of concrete															
11	Reinfo	einforcement concrete structures															
12	Reinfo	Reinforcement concrete structures															
13	Reinfo	Reinforcement concrete structures															
14	The earthquake behavior and hazards of reinforcement concrete structures																
22	Textbooks, References and/or Other Materials:							Eł Ya Go İst Go Ya Ö Za Ał	EKİZ, İ., 1995, "Yapı Statiği 1 İzostatik Sistemler", Seç Yayın Dağıtım, İstanbul. Yorulmaz, M., Özgen, K., "Yapı Statiği" İ.T.Ü.Yayınları, İst. GÖĞÜŞ, İ., 1978, "Yapı Statiği" İ.D.M.M.A Yayınları, İstanbul Gerçek, C., "Yapıda Taşıyıcı Sistemler", 1979, Yaprak Yayınevi, Ankara. Özşen G., Yamantürk E., 1991, '' Taşıyıcı Sistem Tasarımı", Y.T.Ü., İstanbul. Aka, İ., Keskinel, F., Çılı, F., Çelik, O.C., 2001, "Betonarme", Birsen Yayınevi, İstanbul.								
23	Asses	me	ent														
TERM L	EARNI	NG	ACTI	VITIES	;		١	NUMBE	w	EIGHT							
Activites							Number			Dura	Duration (hour)			Total Work Load (hour)			
<b>Home</b>	work-pi	oje	ect				ľ	)	0	99			2.00			28.00	
Practicals/Labs								0			0.00	0.00 0.00					
Self study and preperation							-11	100.00			0.00	0.00			0.00		
Homew	Homeworks								0			0.00	0.00			0.00	
Project	rojecta								0			0.00			0.00		
Field S	ield Studies							-16(				0.00			0.00		
Midtern	ла idterm exams								100.00			30.00	30.00			30.00	
 Others			·						-	0			0.00			0.00	
Final E								1			34.00 34			34.00			
Total W	Vork Lo	ad	vvO	KAL	UAL											92.00	
Total w	ork loa	d/ :	30 hr													3.07	
ECTS (	Credit o	of tl	he Co	urse												3.00	
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	P	21	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	B PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16
ÖK1	5		4	3	5	4	3	2	4	4	5	5	0	0	0	0	0
ÖK2	5		3	2	5	4	3	3	4	4	4	5	0	0	0	0	0
ÖK3	5		3	2	5	4	3	3	4	4	4	5	0	0	0	0	0
ÖK4	5		3	2	5	4	3	3	4	4	4	5	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					