CONTEMPORARY TECHNIQUES IN ARCHITECTURAL PRACTICE

1	Course Title:	CONTEMPORARY TECHNIQUES IN ARCHITECTURAL PRACTICE	
2	Course Code:	MIM5034	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Nilüfer Akıncıtürk	
15	Course Lecturers:	Yok	
16	Contact information of the Course Coordinator:	nilturk@uludag.edu.tr, Tel: 0. 224. 2942130 Uludağ Üniversitesi Müh.- Mim. Fak. Mimarlık Bölümü	
17	Website:		
18	Objective of the Course:	The knowledge about the relations between earhquake damages and the problems about the production, casting and care of concrete material / the construction rules of the reinforced concrete buildings that is resistant for earthquake / the problems of the application process about the relationship between the earthquake behaviour of buildings and structure materials-elements / the systems of examination and establishment of damages / the repair of damages / the bearing system	
19	Contribution of the Course to Professional Development:	The method and style are constantly changing in the architectural profession. Learning the developments in design materials and building details depending on technology, learning applications	
20	Learning Outcomes:		
		1	Achieve a level of knowledge to analysis, synthesis and interpretation of the current application techniques in architecture
		2	Acquire to ability of select the most appropriate current technology in architectural design
		3	In Architecture knowing the current practice problems and the improve propose solutions
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21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	General information about the course, basic concepts related to the application architecture	
2	Development of application techniques in architecture	
3	Characteristics of industrial production, in building production industrialization	
4	Relationship of Architectural design-implementation- earthquake-structure - technology	
5	The establishment of a new relationship between architectural design and implementation techniques	
6	Architecture to adapt to the current material and technological developments	
7	Architecture to adapt to the current material and technological developments	
8	Architecture to adapt to the current material and technological developments	
9	Architecture to adapt to the current material and technological developments	
10	The adoption of the principles of rational choice of materials and technology	
11	The adoption of the principles of rational choice of materials and technology	
12	Current implementation issues	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	4.00	56.00
Homeworks	7	6.00	42.00
Projects	1	20.00	20.00
Field Studies	1	18.00	18.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

TERM LEARNING ACTIVITIES	**NUMBE**	**WEIGHT**
Midterm Exam	1	25.00
Home work-project	1	25.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Homework submission-Absolute

22	Textbooks, References and/or Other •Eser, Lami, "Endüstrileşmiş Yapım" İTÜ, Mimarlık Fakültesi, İstanbul. •Koncz, Tihamer, "Prefabrikasyona Giriş-Endüstrileşmiş Yapı Üretimi" Yapı Merkezi, İstanbul.
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	1	2	4	1	3	1	2	2	3	1	2	1	0	0	0	0
ÖK2	1	2	4	2	1	3	1	2	2	2	1	2	0	0	0	0
ÖK3	2	2	4	2	1	3	1	2	2	1	2	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**				**4 High**			**5 Very High**			