RESIDENTIAL CONSTRUCTION

1	Course Title:	RESIDENTIAL CONSTRUCTION
2	Course Code:	EMYZ110
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. MÜGE AKBULUT
15	Course Lecturers:	Öğr.Gör.Müge AKBULUT
16	Contact information of the Course Coordinator:	Öğr. Gör. Müge AKBULUT Bursa Uludağ Üniversitesi İznik Meslek Yüksekokulu Selçuk mah. Üyüvek mevkii Hastane Caddesi Tel: 0224- 757 61 63 Mail: mugey@uludag.edu.tr
17	Website:	
18	Objective of the Course:	The general structure of the buildings and their recognition in line with the aim of being qualified personnel in the real estate market
19	Contribution of the Course to Professional Development:	To know the details about the buildings that should be used in their professional life
20	Learning Outcomes:	
	1	They can generate ideas in land selection
	2	They can understand building construction types
	3	They can distinguish the materials that make up the building
	4	They can comment on the fine workmanship of the building
	5	They can generate an idea about the usefulness of the building
	6	They can comment on the location of the building
	7	They can comment in terms of building technique of buildings
	8	
	9	
	10	
21	Course Content:	

Course Content:

Week	Theoretical	Practice

1	General Information about the Structure Description of the Building	
2	Classification of Structures 1. Classification according to the purpose of construction 2. Classification according to carrier elements 3. Classification according to continuity 4. Classification according to their location 5. Classification according to their ownership	
3	asic materials used in buildings Properties of basic materials used in buildings a. Mechanical properties b. Technological properties c. Physical properties	
4	Building Materials a. Metals b. Wood c. Stones	
5	d. Soil materials e. Organic polymers f. Binding materials g. Mortars and Concrete	
6	Foundation ground and foundation operations Application of the plan to the ground Criteria to be considered in choosing a location	
7	Excavation and arbitration procedures Foundations Walls	
8	Chimneys and Their Functions a. Smoke chimneys b. Ventilation and gas chimneys c.	
9	Chimneys and Their Functions a. Smoke chimneys b. Ventilation and gas chimneys c.	
10	Vertical Circulation Tools and their functions a. Ramps b. Stairs c. Elevators	
11	Roofs Tin works in buildings and points to be considered Wall and floor coverings	
12	Insulation Importance Features in Buildings	
13	Doors a. Interior doors b. Exterior doors	
14	Kitchen and kitchen equipment Bathroom and	

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	2.00	28.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	40.00	40.00
Others	0	0.00	0.00
Final Exams	1	40.00	40.00
Total Work Load			150.00
Total workload/ 30 hr			5.00
ECTS Credit of the Course			5.00

22	Textbooks, References and/or Other Materials:	Gökdemir, Ahmet; “Building Materials and Concrete Technology”, Teknik Yayınevi, Ank, 1997. Güner, M.Selçuk, Abdurrahim Yüksel; “Building Information and Technology I-II”, Aktif Yayınevi, 6th Edition, Ist. There is no Publication Year.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	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	In order to evaluate the success of the students in the course, 1 midterm affecting 40% of the success grade and 1 final exam affecting 60% of the success grade are made and a letter grade is obtained.

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	5	5	3	3	3	5	4	3	3	5	2	2	0	0
ÖK2	5	5	5	5	1	4	5	3	3	2	3	5	1	1	0	0
ÖK3	4	4	4	5	2	2	1	2	2	2	2	2	2	1	0	0
ÖK4	5	5	5	1	1	1	1	4	2	5	1	4	1	1	0	0
ÖK5	5	5	1	1	1	1	1	4	2	5	1	4	1	2	0	0
ÖK6	4	4	4	2	1	1	2	2	2	2	3	3	1	1	0	0
ÖK7	4	4	4	4	1	1	2	2	2	3	3	3	1	2	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**