

FACULTY OF ENGINEERING
UNIVERSITY ELECTIVE COURSE PRESENTATION FORM

Department	Civil Engineering					
Course Name	Building Construction					
Course Term	Autumn ☐			Spring ☒		
Course Language	Turkish ☒			English ☐		
Course Credit	Theoric 2		Practice 0		Total Credit 2	
Course ECTS	3					
Course Education Type	Formal education					
Course Aim	Introducing the configuration, projecting stages and using the projects are aimed.					
Course Content	It includes the definition and design of building elements, bases, ground structure, foundation types, flooring					
Course Precondition	No					
Course Instructors	Asist. Prof. Barış ÖZKUL			E-mail: ozkul@balikesir.edu.tr		
Course Assistants				E-mail:		
Course Internship Status	No					
Course Sources	Bina Bilgisi, Asım Mutlu. Lecture Notes, Barış ÖZKUL.					
Course Structure						
Planned Learning Activities and Methods	Theoretical presentation, practice and research presentations.					
Course Evaluation Criteria			Course ECTS Calculation Content			
Semester Studies	Number	Part (%)	Activity	Number	Duration	Total Workload (Hours)
Midterm	1	40	Course Duration			
Quiz			Study Time Out of Class			
Assignment			Midterms			
Attendance			Final Exam			
Practice			Total Workload :			
Project			ECTS Credit :			
Final Exam	1	60				
Learning Outcomes of the Course	1 Interpretation of information about the building. 2 It improves the ability to use and express place, function, form, material, technical knowled					

- 3) Develops the ability to conduct research on the structure and to acquire knowledge of the information it receives.
- 4) Analyze inter-item relationships, material properties and construction systems.
- 5) Defines the properties of the elements of the structure.
- 6) Analyzes human-structure-environment-function-material factors.

Course Topics

Week	Topic	Preliminary	Documents
1	History of the Constuction of the First and Middle Ages		
2	History of multi storey buildings		
3	General information about Civil Engineering.		
4	Classification of Constructions		
5	Walls and Structural Effects, Plaster and Paint Materials		
6	Coating Types and Electrical Systems		
7	Heating Systems		
8	Midterm Exam		
9	Structured Computer Programs		
10	Columns, Shear Walls and Beams.		
11	Foundation and types of flooring.		
12	Stair elements and systems		
13	Stair calculations		
14	Roof systems		
Contribution of the Course to Program Outcomes			