

Study Programme: Architecture			
Course Unit Title: Architectural Technologies – Design Process			
Course Unit Code: A325			
Name of Lecturer(s): Žugić Višnja			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): summer			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: none			
Course Aims: Upgrading the acquired knowledge in the field of architectural structure of buildings, their spatial, constructive and functional elements, with a special focus on understanding the relationship between the logic of the design process and the materialisation of buildings in the domain of architectural technologies.			
Learning Outcomes: Systematization of knowledge in the domain of architectural structure of buildings, through understanding of the logic and application of various construction systems and materials in specific design processes. Acquired knowledge is the basis for other professional courses, especially in the field of architectural design.			
Syllabus. Basic logic and principles of massive structural system, skeleton system, materialization of buildings in concrete, steel and wood; Combined materialization and atypical constructive solutions - case studies; Constructive assembly as a spatial concept generator - case studies; Architectural icons of the 20th century and examples of contemporary architectural practice - detailed analysis of the relationship between the program and the physical structure of the designed spaces.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 3	Practical work: 2	
Teaching Methods: Lectures, Practical work, Consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

