

Study Programme: Civil Engineering			
Course Unit Title: Industrialization in construction			
Course Unit Code: GM700			
Name of Lecturer(s): Dražić Jasmina, Trivunić Milan			
Type and Level of Studies: master			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): winter			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 3			
Prerequisites: none			
Course Aims: Acquiring knowledge about the levels of industrialization and the application of industrial methods in the construction of buildings.			
Learning Outcomes: Ability to analyze the construction process from the point of view of the application of industrial principles for the construction of buildings. Ability to plan and organize the construction process, using industrial methods in construction. The acquired knowledge is directly applied in engineering practice, as well as for further research in the field of building technology and building management.			
Syllabus. Industrialization in construction - the concept of technology and construction organization. Analysis of buildings from the aspect of the application of industrial methods. Method of selecting industrial methods in the design and construction of buildings. Industrial methods that can be applied in the construction of buildings. Follow-up processes in the application of industrial methods in construction.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 2	Practical work: 1	
Teaching Methods: Teaching process is realized through lectures in the form of presentations of certain methodical units and the preparation of seminar work on a topic in the field of teaching. At the exercises, the students, with the help of the assistant, solve the problematic issues related to the topic of seminar work. Further information can be obtained during the consultations. The examination includes the entire course content from this semester and it is taken in written form (assignments and theory). The final grade is formed on the basis of lecture and practice attendance, seminar work and written part of the examination.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

