

Study program: Civil Engineering			
Course: Finishing Works and Installations			
Professor/assistant: PhD Danijela B. Zlatković / Nemanja Petrović			
Status of course: compulsory			
ECTS credits: 6			
Pre-requisites: none			
Aims of the course: The aim of the course is that a student: <ul style="list-style-type: none"> - obtains basic knowledge in the field of finishing works and installations; - upgrades his/her knowledge of building constructions with the knowledge of finishing works on various elements of buildings; - introduces technical regulations and standards in construction related to final works; - knows that according to the purpose of facilities and premises, appropriate materials are applied in appropriate ways. 			
Learning outcomes: After taking the course, student will be able to: <ul style="list-style-type: none"> - apply acquired knowledge in terms of technological processes; - apply different types and characteristics of materials in practice; - apply characteristics of a material depending on the location and method of installation; - manage functional and rational procedures by creating certain stages in building of a construction object; - participate in design of buildings. 			
Syllabus: <i>Theoretical part</i> Thermal protection of buildings, Water vapor diffusion, Floors on the ground, Floating floors, Sound protection buildings, Facade linings. Installations in buildings, Waterworks, Sewage, Electrical installations, Lightning protection installations. <i>Practical part</i> Preparation of 5 independent graphic works in which the knowledge gained throughout lectures is applied. Professional practice at field facilities.			
Literature: <ol style="list-style-type: none"> 1. Radovic, Z. <i>Grad. Arhitektonske konstrukcije</i>, University of Niš, Niš, 1995. 2. Bogdanović, V. <i>Toplotna zaštita zgrada</i>, Faculty of Civil Engineering and Architecture, 2000. 3. Milenković, S. <i>Vodovod i kanalizacija u zgradama</i>, Faculty of Civil Engineering and Architecture, 1998. 			
Number of active classes			Other forms of teaching:
Lectures: 2	Practical classes: 3	Laboratory classes: 1	
Teaching methods: Audit lectures with interactive views of the details of constructive circuits. Practical exercises with an active approach to solving practical problems from technical practice. Application of acquired knowledge in solving concrete problems in the field.			
Grading system (maximum 100 points), grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.			
Pre-commitments	points	Final exam	points
activity during lectures	10	written exam	20
practical training	20	oral exam	10
colloquium(s)	20 + 20		
Sum	70	Sum	30