

Study program: Communal Engineering			
Course: Methodology of Profesional Development of Projects and Applied Research			
Professor: PhD Stanisa Dimitrijevic			
Status of course: elective			
ECTS credits: 7			
Pre-requisites: none			
Aims of the course: Prepare students to acquire knowledge and skills on the methods of writing project proposals; make them understand the objectives, the value and role of making proposals for successful operation of the company; teach them the ways, standards and tools that are used for practical preparation of project proposals.			
Learning outcomes: Students will be able to apply skills to design and write project proposals, organize and manage projects within an organization, and recognize the possibility for implementation of certain proposals.			
Syllabus: <u>Theoretical part</u> Applied Research Methodology: selection and formulation of research problems; targeting research aims; setting of hypothesis and determination of the research design; the choice of sources and methods for data collection and presentation of the empirical part of the research; sorting, processing and interpreting data; writing a report on implementation of research, its results and its applicability. <u>Practical part</u> Methodology for project development; Project design; Stages in project development (general, preliminary, ideal, implementable and archival, built design project). Determination of the main objective, specific objectives, expected results and target groups; The content and terms of reference; Venues of and timetable of project activities; Personnel, resources, and costs / funding sources; Project team and Project management.			
Literature: <ol style="list-style-type: none"> 1. B. Pejic, <i>The methodology of empirical scientific research</i>, Faculty of Special Education, Belgrade, 1994. 2. N. Magdalinovic, R. Jovanovic, <i>Scientific basics of project management</i>, Megatrend University, 2006. 3. A. Langovic, M. Jovanovic, Bozinov, <i>Managing and evaluating the projects</i>, Faculty of Management for small and medium companies, Belgrade, 2010. 			
Number of active classes			Other forms of teaching:
Lectures: 3	Practical classes: 4	Laboratory classes: 0	
Teaching methods: Combined - interactive with solving issues from real life situations.			
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	-
practice training	30	oral exam	30
colloquium(s)	20		
seminar paper(s)	10		
Sum	70	Sum	30