

## Specification for the book of courses

<b>Study program</b>		Electrical Engineering and Computer Science		
<b>Module</b>		Common		
<b>Type and level of studies</b>		Undergraduate Academic Studies		
<b>The name of the course</b>		Final paper		
<b>Lecturer (for lectures)</b>				
<b>Lecturer/associate (for exercises)</b>				
<b>Lecturer/associate (for OFE)</b>				
<b>Number of ECTS</b>	8	<b>Course status (obligatory/elective)</b>	Obligatory	
<b>Prerequisites</b>				
<b>Course objectives</b>	Preparation of final paper aims at consolidating, confirming and practical application of acquired knowledge during studies. The student is given the opportunity to demonstrate the ability to independently complete a simpler project, which can be practical, research or theoretical-methodological character. The student also acquires experience in presenting his work through a written form and oral presentation during the defense of the final paper.			
<b>Course outcomes</b>	The ability to lead a simpler independent project, the ability to formulate and analyze problems, and critically review possible solutions, as well as to review literature from the given area. Application of acquired engineering and design skills and problem solving skills, given the complexity, cost, reliability and efficiency of the solution. Ability to write paper in a given form. Ability for a clear and wider auditorium of an acceptable explanation of the completed project through the oral defense of the final paper.			
<b>Course outline</b>				
<b>Theoretical teaching</b>	The final paper represents an independent research, practical or theoretical methodological work of the student in accordance with the level of studies, in which he becomes acquainted with some narrow area through the literature review and adopts methodology of research or designing necessary for the production of the paper. By making the paper, the student applies the practical and theoretical knowledge acquired during the studies. In written form, as a rule, the paper contains an introductory chapter, a definition of the problem, an overview of areas and existing solutions, a proposal and a description of its own solution, a conclusion and literature. A public oral defense of the paper is organized in front of a commission of three members, one of which is a mentor of the paper. During the oral defense, the candidate explains the results of his paper, and then answers the questions of the members of the commission, whereby the candidate demonstrates the ability of the oral presentation of the project.			
<b>Practical teaching (exercises, OFE, study and research)</b>				
<b>Textbooks/references</b>				
	1			
	2			
	3			
	4			
	5			
<b>Number of classes of active education per week during semester/trimester/year</b>				
<b>Lectures</b>	<b>Exercises</b>	<b>OFE</b>	<b>Study and research work</b>	<b>Other classes</b>
<b>Teaching methods</b>	With the help of mentors from the class of teachers, the student seeks to solve the set task more independently and prepare the appropriate documentation and oral defense. The student's independent work is assessed at 8 ECTS.			
<b>Grade (maximum number of points 100)</b>				
<b>Pre-exam duties</b>	<b>Points</b>	<b>Final exam</b>	<b>Points</b>	
<b>Activity during lectures</b>		<b>Written exam</b>	70	
<b>Exercises</b>		<b>Oral exam</b>	30	
<b>Colloquia</b>				
<b>Projects</b>				