

Program	Level	Short cycle					
	Name of the program	Information Technologies					
<b>COURSE</b>							
Course title	<b>Final Project</b>						
Course code	Semester	Course status	ECTS	Contact (L+AE+LE)	hours		
IT 295	IV	Mandatory course	10	0+0+6			
Lecturer							
Course Goals	The student will master independent work in finding software solutions with the use of theoretical and practical knowledge acquired during the study.						
Learning Outcomes	<ul style="list-style-type: none"> <li>- by creating and defending the final project, the student confirms his/her competence in written and oral expression and transfer of information, ideas and solutions in written (final paper) and oral form (presentation and defense of final paper),</li> <li>- decomposition of a complex problem; modeling and formal description; conducting an experiment; writing professional and technical paper; independent student work; professional literature review.</li> </ul>						
<b>COURSE CONTENT</b>							
<ul style="list-style-type: none"> <li>- Defining problems, hypotheses, tasks, projects; selection, search and use of literature; choice of method,</li> <li>- Planning and creation of the practical part (software, model, device); conducting an experiment; verification, validation of the solution,</li> <li>- Consultations, conflict of views, corrections, compliance with set deadlines,</li> <li>- Creating a preliminary version of the paper; formalized writing of professional and technical paper; use of literature,</li> <li>- Citation; comparison of methods; commenting on the results; graphical and formal presentation of results,</li> <li>- Finalization of the paper with the adoption of remarks or suggestions from the mentor; technical and graphic editing,</li> <li>- Presentation of results, making a presentation, public presentation, presentation skills; time and content planning; separation of essential from non-essential; focusing on own results; answering questions.</li> </ul>							
<b>LITERATURE</b>							
Defined for each student separately.							
<b>STUDENT WORKLOAD (hours in a semester)</b>							
Lectures	0	Exercises	90	Individual work	35	T o t a l	125
<b>GRADING</b>				<b>REMARKS</b>			
<p>Before the beginning of the IV semester, each student, in accordance with his/her interests and in agreement with some of the teachers who are involved in teaching at the Department of Mathematics, will define a proposal for the final project, which will be approved by the Council of the Department. Council will also form a committee for the defense of the project. Upon successful implementation and defense of the project, it will be verified in the index with a passing grade on a scale from 6 to 10, depending on the method of project implementation, technical documentation, as well as the defense of the project itself.</p>							