Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
MAT497	Final Project I	7	3	0	0	3	7

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	The aim of this course is to enable students to analyze, design, implement, and evaluate a real engineering problem by integratively applying the theoretical knowledge and technical skills they have acquired throughout their computer engineering education. Within the scope of the course, students develop a software or hardware system individually or in teams under the supervision of a faculty advisor. In this process, they carry out an engineering project that includes problem definition, literature review, system design, implementation, testing, and validation stages. The course also aims to provide students with experience in project management, technical reporting, presentation skills, and engineering ethics.
Content	1. Scientific research process, identification of the research problem, preparation of the first draft of the report. 2. Discussion of the selected project topics, determination and presentation of the project objectives. 3. Establishing the project work schedule, basic information on the use of project management tools. 4. Preparation of the project plan. 5. Conducting an academic literature review, identifying similar and existing studies, preparing a literature review report, and proper citation of sources. 6. Determining the tasks to be carried out in the project and the technologies to be used, identifying the project components. 7. Designing the project, defining workflows and usage requirements, basic information on the use of existing project design tools. 8. 9. Preparation of the second interim report. 10. 11. 12. 13. 14. Preparation of the third interim report.
References	

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