COURSE SYLLABUS AND COURSE REQUIREMENTS
ACADEMIC YEAR 2025/25 SEMESTER 1

Course title	*Project 1*
Course Code	IVB067AN
Hours/Week: le/pr/lab	0 / 0 / 6
Credits	11
Degree Programme	Computer Science Engineering BsC
Study Mode	*Full-time*
Requirements	-
Teaching Period	2025/26-1
Prerequisites	-
Department(s)	Systems and Software Technologies
Course Director	Dr. STORCZ, Tamas
Teaching Staff	*Dr STORCZ, Tamas; LABORCI, Gergely; LÉNÁRT, Anett; NOVÁK, Péter*

COURSE DESCRIPTION

A short description of the course (max. 10 sentences).
Neptun: Instruction/Subjects/Subject Details/Basic data/Subject description

The course focuses on the design phase of a three-step solution to a real-world IT problem. This phase is followed by the implementation phase (Project 2) and later the scientific phase (Thesis).
During the semester, students prepare a detailed description of the business tasks to be implemented in a chosen IT project, along with the corresponding IT solution design.

SYLLABUS

Neptun: Instruction/Subjects/Subject Details/Syllabus

1. GOALS AND OBJECTIVES

Goals, student learning outcome.
Neptun: Instruction/Subjects/Subject Details/Syllabus/Goal of Instruction

The aim of the course is to equip students with practical skills in the planning and specification of IT projects. During the course, students select a specific IT task and prepare both its functional and technical specifications.
This process includes the fundamental steps of problem-solving, analysis, and documentation, which are essential for the successful implementation of an IT project.
Working on the task in collaboration with the client and the lead designer also helps students develop soft skills in teamwork and communication.

2. COURSE CONTENT

Neptun: Instruction/Subjects/Subject Details/Syllabus/Subject content

	TOPICS
LABORATORY PRACTICE	1. *Task selection, solution proposal* 2. *Functional Specification* 3. *Technical specification*

DETAILED SYLLABUS AND COURSE SCHEDULE

ACADEMIC HOLIDAYS INCLUDED

PRACTICE, LABORATORY PRACTICE

week	**Topic**	**Compulsory reading; page number (from … to …)**	**Required tasks (assignments, tests, etc.)**	**Completion date, due date**
1.	Topic selection, solution proposal	[1]/1	Topic selection	Week #2
2.	Topic selection, solution proposal	[1]/1		
3.	Functional specification	[1]/2	Functional spec.	Week #7
4.	Functional specification	[1]/2		
5.	Functional specification	[1]/2		
6.	Functional specification	[1]/2		
7.	Functional/Technical specification	[1]/2-3	Technical spec.	Week #11
8.	Autumn break			
9.	Technical specification	[1]/3		
10.	Technical specification	[1]/3		
11.	Technical specification	[1]/3		
12.	Finetuning and resubmission		Resubmission	Week #13
13.	Finetuning and resubmission			

3. ASSESSMENT AND EVALUATION

(Neptun: Instruction/Subjects/Subject Details/Syllabus/Examination and Evaluation System)

ATTENDANCE

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description.

Method for monitoring attendance *(e.g.: attendance sheet / online test/ register, etc.)*

catalog / on-line test / progress report submission

ASSESSMENT

Cells of the appropriate type of requirement is to be filled out (course-units resulting in mid-term grade or examination). Cells of the other type can be deleted.

Course resulting in mid-term grade *(PTE TVSz 40§(3))*

Mid-term assessments, performance evaluation and their ratio in the final grade *(The samples in the table to be deleted.)*

Type	**Assessment**	**Ratio in the final grade**
Functional specification	*100*	*50 %*
Technical specification	*100*	*50 %*

Opportunity and procedure for re-takes (PTE TVSz 47§(4))

The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

Resubmission after first evaluation is possible before week #13

Grade calculation as a percentage

based on the aggregate performance according to the following table

Course grade	Performance in %
excellent (5)	85 % …
good (4)	70 % ... 85 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 55 %
fail (1)	below 40 %

The lower limit given at each grade belongs to that grade.

4. SPECIFIED LITERATURE

In order of relevance. (In Neptun ES: Instruction/Subject/Subject details/Syllabus/Literature)

COMPULSORY READING AND AVAILABILITY

[1] Published document templates

RECOMMENDED LITERATURE AND AVAILABILITY