

SYLLABUS

Name: Final Project (BudAB>SI8FINPRO19)

Name in Polish:

Name in English: Final Project

Information on course:

Course offered by department: Faculty of Civil Engineering
Course for department: Silesian University of Technology

Default type of course examination report:

ZAL

Language:

English

Course homepage:

<https://platforma.polsl.pl/rb/>

Short description:

The Final Project is a verification of the knowledge and skills of a first-cycle student in the field of study 'Civil Engineering' regarding independent solving of tasks and facing challenges in the broadly understood construction engineering.

Description:

PROJECT: 45h

The Final Project is carried out under the supervision of the promoter, who defines the scope of work. The student's task is to independently solve an engineering problem in the field of building structures, technology or road engineering. The project includes an introduction describing the approach to the problem, an analytical part in which the basic parameters of the structure/object are defined, and a drawing part in which the results of the analysis are presented. The project ends with a short summary.

Bibliography:

The reference is determined individually by the student with the support of the promoter. It must be in accordance with the topic and scope of the Final Project.

Learning outcomes:

SKILLS:

- (1) is able to present and evaluate various opinions and positions regarding construction, material and technological solutions and to discuss them, taking into account the economics and durability of the analyzed solution - [learning outcome K1A_U12].
- (2) is able to use the knowledge of a foreign language at the B2 level to acquire specialist knowledge from the literature useful during the implementation of an engineering project - [learning outcome K1A_U13].
- (3) is able to use his knowledge - formulate and solve complex and unusual problems and perform tasks in conditions not fully predictable through the proper selection of sources and information derived from them, evaluation, critical analysis and synthesis of this information as well as the selection and use of appropriate methods and tools, including advanced information and communication techniques - [learning outcome K1A_U14].
- (4) can properly select sources and information from them, evaluate, critically analyze and synthesize this information, and use software supporting the work of an investor, organizer of construction works, the work of a designer, construction manager and construction supervision inspector - [learning outcome K1A_U09].

COMPETENCES:

- (5) is ready to critically assess his knowledge and recognize the importance of knowledge in solving cognitive and practical problems, improving professional and personal competences, developing language skills and formulating professional opinions on technical and technological processes implemented in construction - [learning outcome K1A_K03].

Assessment methods and assessment criteria:

PREREQUISITES: No requirements

COURSE PASS REQUIREMENTS:

- 1) attendance in class
- 2) regular consultation on the progress of work on the project
- 3) presentation of their work in the form of a multimedia presentation

FINAL GRADE: 100% (project)

To have partial grades transferred, students should contact the instructor within the first two weeks of the semester

The syllabus is effective from the summer semester of the 2025/2026 academic year, and its content is not subject to change during the semester

Course credits in various terms:

<without a specific program>			
Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	15	2022/2023-L	