

FUNDAMENTALS OF PROGRAMMING: PROCEDURAL PROGRAMMING

5 ECTS (CREDITS)

Purpose of the subject:

To develop problem-solving and programming skills using basic C++ programming constructs.

Study subject annotation:

Procedural Programming is designed to introduce students to fundamental programming concepts. The course covers basic data types, program structure, functions, and essential control structures (conditional statements and loops), all based on the C++ programming language. In addition to working with standard data types, students learn about creating and using complex data types, working with symbols and character strings, handling one-dimensional and multi-dimensional arrays, structures, and files. The emphasis is on function creation, accompanied by a thorough explanation of their features and usage. Students gain proficiency in developing algorithms to solve specific problems and learn how to implement these algorithms using the C++ programming language.

Evaluation form:

Exam