SYSTEM PROGRAMMING

5 ECTS (CREDITS)

Purpose of the subject:

To enable students to learn how to use specific C++ libraries and how to use them to develop middle-layer programs.

Study subject annotation:

The course aims to explain container data structures and their application in object-oriented programming. Upon completion, students will be proficient in utilizing vector and point graphics primitive programming features. They will possess the capability to design new data structures (classes, STL templates), employ control functions for computer devices (such as mouse and printer), and manage operating system exceptions effectively. Additionally, they will have the skills to encrypt application data, utilize HASH functions for data integrity checks, and develop algorithms for processing containerized data structures during practical sessions. The course encourages students to create multi-field projects, enhancing their practical programming abilities

Evaluation form:

Exam