

## **FINAL PROJECT**

The study programme is completed with preparation, defence and assessment of the student's final project.

The final project shall be an independent work of applied and investigative type. The student shall demonstrate by it that he / she has accumulated sufficient knowledge, acquired necessary skills and has sufficient analytical and design work experience in the information systems engineering branch. The student shall demonstrate by the final project and its defence his / her in-depth understanding of the analysed topic, the ability to solve arising tasks, his / her creativity, the ability to use modern engineering devices and methods of analysis, designing and research, to properly formulate conclusions, demonstrate knowledge of social and commercial environment, legal acts and financial aspects, skills of search for information sources and their analysis, written communication, correct language usage skills.

The topic of the final project is chosen by the student, considering its relevance, the aim and learning outcomes of the study programme. The student discusses the topic of the final project with the supervisor of the final project and clearly formulates it.

Upon approval of the topic, the student prepares the final project. During the preparation of the final project, the supervisor of the final project supervises and consults the student.

The aim of preparation of the final project is to allow the student to prove that he / she has achieved learning outcomes projected in the study programme: has acquired knowledge and special abilities of the professional activity area, is able to conduct research, demonstrates social and personal skills.

The right to prepare the final project is given to the student who has been given positive marks for all examinations, credits and practices of the study programme.

The content of the final project must be in conformity with the title of the topic. The constituents of the final project:

- *The analytical part*, which contains:
  - The analysis of the project task;
  - Theoretical substantiation of the project;
- *The project part*, which contains:
  - The project of designing, installation and maintenance of computer networks and / or groupware systems and / or smart device programming;
  - Demo part;
  - Organization of work and safety;
  - Economic justification;

The qualification committee assesses final projects on the basis of:

1. The Description of Preparation, Defence and Assessment Procedure of the Final Project of Informatics Engineering Study Field, approved by the resolution No. ATN-43 of The Academic Council of Siauliai State College on 22 January 2014.

2. The Code of Academic Ethics of Siauliai State College, approved by the resolution No. ATN-2 of The Academic Council of Siauliai State College on 25 October 2010, the edit of the resolution No. ATN-12, dated 22 May 2015.

The attainment of learning outcomes, demonstrated in the students' final project, is assessed by the reviewer and the qualification committee of final projects, consisting of three specialists of informatics engineering (one of them must be a scholar or teacher from another higher educational institution): one of them is appointed to act as a chairperson of the committee, other two are the teacher of the study field of the college and the head of the department executing the programme or another representative of the administration of the faculty.

The aim of assessing the final project is to evaluate application of the student's acquired knowledge, performance of research in the professional activity area, demonstration of special, social and personal skills, based on learning outcomes projected in the study programme. Practical applicability and the defence of the final project are also assessed.

*Institution: Šiauliai State College*

*Study programme: Information Systems Technology*

Attainment of learning outcomes is assessed at three levels; these are threshold (minimum requirements), typical (standard, medium requirements) and excellent (higher than average requirements). The evaluators of the final project follow the principles of validity, impartiality, clearness and efficiency.