

INFORMATION TECHNOLOGIES IN DESIGN AND SURVEY ACTIVITIES

COURSE SYLLABUS ABSTRACT

7-06-0732-01 "Construction"
(speciality code and name)

Industrial and civil construction; Transport construction
(concentration)

	STUDY MODE	
	full-time	part-time
Year	1	1, 2
Semester	1, 2	2, 3
Lectures, hours	32	8
Practical classes (seminars), hours	32	8
Laboratory classes, hours	32	8
Pass/fail, semester	1	2
Exam, semester	2	3
Contact hours	96	24
Independent study, hours	120	192
Total course duration in hours / credit units	216/6	

1. Course outline

The purpose of the training discipline "Information technologies in design and surveying activities" is to study specific information technologies that are used in design and surveying activities.

2. Course learning outcomes

Upon completion of the course, students will be expected to know: basic information technologies used in design and survey activity; the role and importance of information technologies in design and survey activities; methods and tools of project management used in design and survey activities; programmes for planning, monitoring and resource management of projects used in design and survey activities.

be able to: apply project management programmes, including programmes for planning, monitoring and managing project resources; use information technology to improve the efficiency and accuracy of management in design and survey activities.

to possess a skill: skill in the use of information technology in design and survey activities.

3. Competencies

- Solve research and innovation tasks on the basis of information and communication technologies application

- Apply the theory of automated control for the development of automated control systems for construction and technological processes in construction.

4. Requirements and forms of midcourse evaluation and summative assessment - credit, examination