

INFORMATICS

(course title)

COURSE SYLLABUS ABSTRACT of higher education institution speciality

1-70 02 01 - "Industrial and civil construction"
(speciality code and name)

	STUDY MODE	
	full-time	part-time
Year	1	1
Semester	1	1
Lectures, hours	34	6
Laboratory classes, hours	34	8
In-class test (semester, hours)		1(2 h)
Exam, semester	1	1
Contact hours	68	16
Independent study, hours	112	164
Total course duration in hours / credit units	180/5	180/5

1. Course outline:

The purpose of teaching the discipline is to train specialists who possess basic knowledge, skills and practical skills in setting and solving problems using computer technology.

2. Course learning outcomes

Upon completion of the course, students will be expected to know:

computer hardware and software; technologies for working with the file system and text documents; fundamentals of algorithmization of engineering tasks; technologies for using standard programs to solve technical problems;

be able to:

work with MS Office tools; to set applied tasks and develop algorithms for their solution; to use the developed software complexes in professional activities.

possess:

tools for working with the computer file system; tools for working with office software applications; skills for working on a personal computer.

3. Competencies

UK-2: To solve standard tasks of professional activity based on the use of information and communication technologies.

4. Requirements and forms of midcourse evaluation and summative assessment

When studying the discipline, a modular rating system for assessing students' knowledge is used. The following forms of classes are used: traditional lectures and multimedia lectures, laboratory classes using computers. According to the results of laboratory work, their protection is provided.