

FUNDAMENTALS OF CONSTRUCTION PRODUCTION

ANNOTATION TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

SPECIALTY 1-70 02 01 "INDUSTRIAL AND CIVIL ENGINEERING"

	Form of higher education	
	Full - time (daytime)	Correspondence
Course	2	2
Semester	3	4
Lectures, hours	16	4
Practical classes, hours	16	4
Credit, semester	3	4
Classroom hours for the academic discipline (including hours for managed independent work)	32 (4)	8
Independent work, hours	72	100
Total hours of academic discipline / credits	108/3	

1. Summary of the academic discipline: 1. Introduction to the basics of construction production 2. Construction as a branch of material production 3. Basic provisions of construction production 4. Products of construction production 5. Technological design of construction processes 6. Engineering preparation of the construction site 7. Construction of buildings and structures. 8. Protection of building structures from aggressive influences

2. As a result of mastering the academic discipline, the student must

To know:

- main characteristics of building materials;
- classification and requirements for buildings and structures according to the space-planning and design solution;
- rules for reading construction drawings;
- the main structural and architectural elements of buildings and structures;
- the composition of the project documentation.

be able to:

- distinguish between types of buildings and structures and their structural elements;
- read working drawings of floor plans, sections and facades of buildings;
- perform calculation of the consumption of building materials;
- use reference and regulatory documentation;

own:

- skills in working with regulatory documentation and drawings;
- - skills in calculating the volume of construction work;
- skills in determining the type of materials in products, structures and buildings;

3. Formed competencies

CC-5 To be capable of self-development and improvement in professional activity.

4. The current certification of students is carried out to determine the compliance of the results of their educational activities with the requirements of educational standards, educational program documentation of educational programs of higher education. The forms of the current certification of students are credit.

The current certification is carried out orally or orally in writing. The form of intermediate certification is the preparation of abstracts, which is carried out in the form of a presentation.