

## ENGINEERING PRACTICE

annotation

TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

Specialty\_\_1-70 03 01 "Highways" \_\_\_\_\_

	Form of higher education	
	FULL-TIME (DAY)	CORRESPOND ENCE
Course	4	5
Semester	8	10
Full-time (full-time) Correspondence	270/8	

Total practice hours / credits 270/8

1. Engineering practice of 4th year students of the specialty 1-70 03 01 "Highways" is an important part of the general process of training civil engineers and represents a systematic and purposeful activity for the development of the specialty, in-depth consolidation of theoretical knowledge, professional and creative skills.

The purpose of the practice is to master students' practical skills, abilities and their preparation for independent professional activity in the specialty 1-70 03 01 "Highways".

2. As a result of the engineering internship, the student must:

to study:

– planning and management of road construction production; - the system of moral and material incentives for the collective and individual employees of the organization to improve labor productivity and product quality; – forms and systems of remuneration, etc.

to know:

– methods of production of basic road construction and repair works, types of machines, mechanisms, tools and devices used in the implementation of work; - advanced methods of labor organization; – methods and methods of ensuring the safety of workers; – payment systems operating in construction;

– methods of testing and quality control of road-building materials and structures; – organization of acceptance of road-building materials, storage and warehousing; – organizational structure of the organization, functional purpose of departments and divisions; – system of operational

planning of control and reporting of the organization; – composition of design and estimate documentation for facilities under construction; - labor protection measures employees; – environmental protection measures.

3. As a result of mastering the discipline, the student should have the following competencies:- PC-10 To use the project and technical documentation, to carry out the SMR in accordance with the rules and regulations.; - PC- To choose a way of constructing highways with the development of auxiliary structures and devices; - PC-12 To increase the manufacturability of road structures using progressive construction methods; - PC-13 To improve the technology of manufacturing and installation of prefabricated elements of road structures.- PC 14 To develop technologies of general construction works in the construction of highways and transport structures on them with a choice of machines and mechanisms.; - PC 25 To develop methods of organization, planning and management of construction of transport structures.

4. The form of the current certification.

The current certification in practice is a differentiated credit. When using the modular rating system of knowledge assessment, the final assessment is determined as the sum of the rating control of the internship (up to 60 points), the current certification (up to 40 points) and corresponds to:

Оценка	10	9	8	7	6	5	4	3	2	1
Баллы	100-94	93-87	86-80	79-72	71-65	64-58	57-51	50-41	40-17	16-1