FORMATION OF PROFESSIONAL COMPETENCE OF STUDENTS IN THE DIRECTION OF CONSTRUCTION OF HYDRAULIC STRUCTURES

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ABSTRACT. The article deals with the formation of professional competence in the types of professional activities of future bachelors in the field of training - direction of construction of hydraulic structures**.** Training of qualified, competent and competitive specialists in the construction industry is an urgent task of higher education systems, due to the introduction of the State educational standard of higher education and the Professional standard in the urban planning area, aimed at the formation of professional competencies for bachelors of construction profile, contributing to the productivity of professional activities of graduates.

Keywords: bachelors of construction profile, professional competence, type of professional activity, professional education, construction technologies, professional standard.

INTRODUCTION. The emergence and introduction of new construction technologies, machinery and construction materials in the field of urban planning. the use and use of which in production activities is limited as noted by experts in the construction industry, the insufficient level of modern professional training of future engineers-teachers, including bachelors in the field of training " Professional education" - direction of construction of hydraulic structures [1. 2. 3].

According to the modern construction industry. having a high versatility due to the internal multiplicity of different specialties highly qualified specialists are required. capable of independent inclusion in complex production processes and in the practical plane quickly and adequately solve the professional tasks that arise in front of them. that requires the appropriate training of future bachelors of construction profile not so much on knowledge, but on the basis of competence, as the most consistent with the requirements of the state educational standard of higher education (GOS in) in the direction of training "Professional education" - direction of construction of hydraulic structures [4]. Professional standard in the field of "Professional education" [5] and the modern labor market in the urban area. In these conditions, the transition to a competency-based system for training future bachelors in construction. within the framework of professional training, it requires an appropriate update of the content of the educational process [6-7].

MATERIALS AND METHODS. Unfortunately. as the current practice shows. bachelors in construction. having sufficient theoretical knowledge, they are not sufficiently prepared to solve professional problems in the field of urban construction in the context of the introduction of new construction technologies and structural materials. Understanding of the current training of future bachelors of construction profile for the implementation of professional activities in the conditions of innovative changes in the urban planning area testifies. that this direction belongs to an actual problem in the development of the theory and methodology of professional education. The formation of professionalism competence of students of construction College] and students in the course practice based learning improving the efficiency and quality of educational services for the enterprises of investment-building complex ensuring the readiness of future builders for independent educational cognitive activity in the process of professional training, the use of

competence-oriented situations as factors of self-realization of future bachelors in the specialty “Professional education” - direction of construction of hydraulic structures [9.] , etc.

RESULTS. The study of the conducted research on the problem under study has shown that the formation of professional competencies for future engineers-teachers [13-18] in the higher education system is considered taking into account the specialty, while their formation within the framework of the bachelor's degree in the direction of “Professional education”has not yet been the subject of targeted pedagogical consideration. At the same time, a theoretical analysis of the scientific and pedagogical literature on the training of civil engineers allowed us to identify a number of shortcomings that limit the formation of professional competencies for future bachelors of construction profile:

- social order for the training of future engineers-teachers with formed professional competencies, in accordance with the Federal state educational standard of higher education (STATE education) in the direction of training " Professional education” - direction of construction of hydraulic structures and the lack of practice-oriented support for the educational process in the conditions of the emergence of new construction technologies and construction materials in the field of urban construction.

DISCUSSION. In accordance with the state educational standard of higher education in the field of “Professional education " - direction of construction of hydraulic structures (bachelor's level), a graduate who has mastered the bachelor's program must have professional competencies that correspond to the type (types) of professional activity that the bachelor's program is focused on:

A) in the field of research and design activities (Iipc):

- ability to conduct a preliminary feasibility study of design solutions, develop design and working technical documentation, execute completed design and development work, monitor compliance of developed projects and technical documentation with the task, standards, technical conditions and other regulatory documents [10];

B) in the field of production technology and production management (PType):

- the ability to dehumidify and organize the technical operation of buildings, structures of housing and communal services, to ensure the reliability, safety and efficiency of their work;
D) in the field of installation and commissioning and service and maintenance activities (Mnisi):

- knowledge of the rules and technology of installation, commissioning, testing and commissioning of structures, engineering systems and equipment of construction facilities, housing and communal services, rules for acceptance of samples of products manufactured by the company;

E) in the field of business activity (PD): knowledge of the basics of pricing and estimated rationing in construction and housing and communal services, the ability to develop measures to reduce the technical and economic efficiency of construction organizations and organizations of housing and communal services; - ability to develop measures to reduce the investment attractiveness of construction projects and housing and communal services [11.].

CONCLUSION. Analysis of the normative documentation for the requirements of bachelor's training in the field direction of construction of hydraulic structures for the formation of professional competencies by type of professional activity (research and design (Iipk), production and technological and production management (Ptipu), experimentally- research (EI), installation and commissioning, service and maintenance (MIS), business (PD) [4], the study of

scientific, pedagogical and methodological literature on the manifestation of pedagogical conditions, the design of structural and functional models, the definition of the content of training and the development of a technological approach in the educational process for the course "Hydraulic structures in the use of pumping stations" future engineers-teachers allowed in practical terms, within the educational process, to ensure their formation. - ability to develop measures to reduce the investment attractiveness of construction projects and housing and communal services[12]

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