

## **FEATURES IN CONTENTS OF PHYSICAL EDUCATION OF FUTURE CIVIL ENGINEER**

The paper is devoted to the study of the issue for improving the content of physical educating for future civil engineers as an important component of their professional education.

Continuous development of production, improvement of equipment, the composition of materials and the use of new technologies in construction - all this leads to a change in the quality requirements for the professional work of a civil engineer. So, the state needs specialists who are able to master existing and create new technologies and methods that are competitive in the international market. Under such conditions, for civil engineers, the importance of the content of physical education, the quality of physical knowledge gained and the level of their physical competence in the study of the discipline "Physics" increase. The physical mindset, physical methods are more and more actively applied and find their place in all areas of the scientific and practical life of a person: inventive, research, industrial, psychological and pedagogical, etc.

We consider physical education and physical competence as the main determining component in the vocational training system of a highly qualified specialist in the construction industry. Since the content of physical education is that unique, fundamental core, which, on the one hand, is very strong, and on the other, very flexibly connects all elements, equal and categories of the education system, determines its continuity and consistency.

In The Law of Ukraine "On Higher Education" the concept of "content of higher education" is interpreted as a system of knowledge, skills, worldview and social qualities, determined by the goals and needs of society, should be formed in the learning process, taking into account the prospects for the development of society, science, technology, technology, culture and art [1].

In modern psychological and pedagogical literature, there are certain criteria and principles for selecting the content of education. V. A. Slastenin identifies the following principles: the humanization of the content of education related to the creation of conditions for creative and practical development by students of universal human culture; fundamentalization of the content of education, based on the integration of humanitarian and science knowledge, establishing continuity and interdisciplinary ties [2].

Therefore, when determining the content of physical education, one should take into account the social order and the tasks that society poses to a civil engineer in particular and to a technical higher school in general. The selection of educational material should be based on the structural and logical construction of the material, interdisciplinary connections that contribute to the recognition of the importance of mathematics for the social, personal and professional fields of activity.

### *Література*

- 1. Закон України «Про вищу освіту» № 2984 – III, із змінами від 19 січня 2010 р.*
- 2. Слостенин В.А. Педагогика : Учеб. пособие для студентов пед. учеб. заведений / В.А. Слостенин, И.Ф. Исаев, А.И. Мищенко, Е.Н. Шиянов. – 4-е изд. – М.: Школьная пресса, 2004. – 512 с.*