New Pedagogical Technologies in The Modern Educational Process

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ABSTRACT

Use of pedagogical new technologies in the modern educational process. The article deals with the issues of new pedagogical technologies in the modern educational process, which will help students to learn their quality in education, learn the material in the disciplines and in the future become good specialists in their field.

The use of new pedagogical and information technologies in physical culture and sports in the modern educational process, due to the requirements of our world. National Program for Personnel Training", creates the necessary conditions and opportunities for improving the educational process in all parts of the educational and upbringing system. The modern approach to teaching any discipline in both secondary school and university is to build a quality process on a new technological basis and use past experience.

The general principles of learning and teaching technology were formulated by K.D. Ushinsky, who believed that the main task of a teacher or teacher is to organize learning in such a way that the student's activity is turned into amateur performance. The problems of enhancing research activities as an innovative improvement in the quality of student training are due to cultural and national trends in social development in the context of globalization, informatization, the emergence of new technologies and the formation of new sectors of the economy; strategic guidelines for universities in the framework of changes in education and improving the quality of the importance of self-preparation of active cognitive activity of each student; the growth of requirements from employers and the need of the student as a consumer of educational services, who will have to create and implement innovations. To organize the educational process for the study of pedagogical disciplines using new technologies and innovations in teaching, it is necessary to solve many problems related primarily to providing the educational process with the latest literature and new teaching aids. In our opinion, such a textbook can be prepared by a student using the experience of combining modular and computer technologies. A modern study guide combines both printed materials and materials on electronic platforms. Both those and others should be structured, contain both basic information material and additional. The principles of creating such a manual are quite simple: all material is divided into sections and modules, key questions and key words are determined, tasks and control tasks are formulated. When creating textbooks in subjects using computer technology, it is necessary to solve a number of issues related to the active structuring of the material, the use of

visual and practical visual aids. The electronic textbook prepared by us is a complex of many related structured didactic units presented in digital and analog form, containing all the components of the educational process.

The basis of the manual is its interactive part, which can be implemented. It includes:

1. electronic textbook,
2. electronic directory,
3. computer testing program.

The electronic textbook is designed for independent study of the theoretical material of the course and the implementation of practical tasks. Electronic material is an electronic list of terms. The computer testing system provides, on the one hand, the possibility of control for the student, on the other hand, it takes on part of the current or final control. The use of such teaching aids radically changes the method of conducting classes. At the lecture, students get the opportunity to independently study the topic under the guidance of a teacher, and the teacher acts as an organizer of this work. The modular presentation of each topic allows students to exercise self-control of knowledge acquisition at any time convenient for them. The use of new teaching aids prepared on the basis of a combination of modular and computer technologies makes it possible to individualize training, update existing knowledge, each participant in the educational process to work in their own mode, and to exercise self-control of knowledge acquisition. In our opinion, the most effective assimilation of educational material in the conditions of modern information development of society is multimedia based on special hardware and software. One of the indisputable advantages of multimedia is the possibility of developing interactive computer presentations on their basis, practically in all disciplines.

The use of information technologies in the educational process is the main way to modernize the system of higher and secondary specialized education, including the discipline of physical culture. The introduction of modern information and communication technologies in education makes it possible to collect, process and transmit information much more effectively, to carry out independent work, to qualitatively change the content, methods, organizational forms of education in the field of education and upbringing.

At the present stage of development of the world and civilization, the integration processes of society renewal come to the fore. Such a reflection manifested itself in education. The unified information space affected the entire learning process. The exchange of resources and materials has become a reality of the integration of the education system in modern conditions. The use of information technologies in teaching students of higher and secondary specialized educational institutions did not leave aside the discipline of Physical Culture and Sports.

The new modernization of pedagogical activity has become one of the steps to improve the process of education, including physical culture and sports education at all levels of education. culture is the application of knowledge in order to master the skills of maintaining one's health, using self-control methods, physical and functional fitness. The so-called feedback channel from the student to the teacher helps to diagnose the educational process. Diagnostics and correction allows you to evaluate learning outcomes, determine methods and tasks, starting from the initial level shown by students. The expediency of using information technologies in the educational process is proved by the results of many studies. These questions relate to the study of interest in teaching methods with elements of new information technology, computer control of independent work, and work on self-automation of control of students' motor fitness based on the use of computer technology, information support for professional training of specialists, creation of computer programs for the exam and tests. Assessment of the level of physical condition. Questions about the need to introduce into the educational process of universities and secondary specialized educational institutions in the disciplines of a computer program to assess the level of education and physical condition of students. The problem of assessing students' knowledge affects all forms of control

and there is a need to use computer programs that have undoubted advantages: how to create tickets by sampling one question from each topic, and after completing the answer to the next question, show the student the correct answer, set the required score for the answer, depending on the significance of the question, get an estimate for the test in the form of the arithmetic mean of all the answers. The control process is one of the most time-consuming and responsible operations in training, associated with the emergence of various psychological situations, which are expressed in the absence of objective evaluation criteria and effective mechanisms for comparing learning outcomes in various universities and specialized secondary educational institutions.

A positive aspect in the assessment of students' knowledge can be the introduction of such a form of control as testing into the educational process. Testing is a reliable, prompt and fairly objective method of receiving feedback during training. Testing will reveal positive aspects, saving time on monitoring students' knowledge, reducing the subjective factor of personal preferences of the teacher, differentiation of grades, reducing emotional tension. The analysis of numerous publications on the use of modern information technologies in the field, as well as work experience in higher education and secondary specialized educational institutions, allows us to conclude that it is necessary to create information and educational resources and introduce them into the educational process. We consider effective teaching of the discipline using new computer technologies and will contribute to the activation of cognitive activity of students, the implementation of modern methods of control, assessment and monitoring of health and physical fitness.

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