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INNOVATIVE METHOD OF TRAINING FUTURE TEACHERS TO USE ELECTRONIC EDUCATIONAL RESOURCES IN THE CONTEXT OF DIGITALIZATION

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Abstract:

This article discusses improving the quality of training graduates of educational institutions through the comprehensive use of electronic educational resources in combination with innovative forms and methods of teaching. The competent use of electronic educational resources, which involves the appropriate configuration of all components of the methodological teaching system, contributes to the formation of a holistic educational trajectory and, to a large extent, to the achievement of modern educational goals.

Keywords: electronic learning resources, intellectual potential, development, learning tool, fundamental knowledge, innovative learning.

Electronic educational resources are learning tools and serve as a means of improving the quality of education. In the modern information-based educational environment built on electronic educational resources, the nature of the activities of participants in the educational process is changing toward a greater share of students' independent, research-oriented, creative, and productive work. The development of one's own electronic learning resources makes it possible to



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organize experimental and research activities - individual, group, and collective - involving real learning objects, their models, and representations. This enables the broad implementation of the research method, which leads students to the independent “discovery” of the principle being studied and promotes the development of their intellectual potential and creative abilities.

A characteristic feature of a modern specialist in any field is not only the possession of fundamental knowledge in professional activity but also the need to have a set of software tools that help them navigate the information space. Thus, the task of a higher education teacher is to educate a specialist who has an active life position, is competent in their field of activity, is able to act under changing conditions, is ready to solve professional tasks and engage in self-education, and is capable of self-development and self-realization. Tools that help accomplish this task include electronic resources based on new information technologies and forming the basis of the modern media environment.

Multimedia is a rapidly developing information technology characterized by the integration of different types of information into a single software product, real-time operation, and a new level of human-computer interaction. Information technologies make it possible to create electronic educational tools that combine the features of almost all traditional teaching aids, to use, modify, preserve, and exchange experience in an information environment, to combine the achievements of pedagogical and information technologies, and to minimize training costs.

General principles and approaches to organizing the educational process during the transition to various innovative models and teaching methods increase the effectiveness of college students’ professional and practical training.

The introduction of innovative technologies under conditions of comprehensive informatization of education is currently a progressive step; it increases learning



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motivation and contributes to the intensification of educational activities. To improve the quality of the educational process, a teacher can use electronic educational resources such as presentations, video lectures, videoconferences, electronic textbooks, multimedia courses, computer models, educational portals, remote-access educational resources, and many others. In the educational process, each type of electronic educational resource addresses a limited range of specific tasks; therefore, such resources can be used together with traditional pedagogical technologies and with one another as supplementary materials in the educational process.

Modern educational methods are based on principles that require reconsideration of the roles of the teacher and the student. When innovative technologies are applied, the teacher's responsibilities include creating classroom conditions that enable students to develop critical thinking and analytical skills and to share their thoughts, ideas, knowledge, and experience during discussion. The student's responsibility is to enrich the learning process with creative energy and assume responsibility for its effectiveness. At the same time, students should understand that the teacher is present in the classroom to assist them and that they should make full use of this support, while the primary responsibility for what they learn rests with them.

In conclusion, improving the quality of training graduates of educational institutions today is associated with the comprehensive use of electronic educational resources together with innovative educational forms and methods. The competent use of electronic educational resources, including the appropriate configuration of all components of the methodological educational system, contributes to the formation of a holistic educational trajectory, which largely supports the achievement of modern educational goals.



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