



DESIGN OF AN ELECTRONIC STUDY BOOK ON THE “APPLICATION OF INFORMATION TECHNOLOGY IN PROFESSIONAL ACTIVITIES” OF STUDENTS

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Annotation:the article shows the technology of design and development of an electronic training book as a means of training future specialists. The application of this technology to the educational process of higher educational institutions will help to more effectively organize the educational and cognitive activities of students in the information education space.

Keywords:design of an electronic study book, information education space, educational activities, electronic learning environment, educational activities.

Currently, the problem of designing and introducing electronic educational books and educational manuals into the educational process of higher educational institutions is actively being developed. The design of an electronic study book is not only a means of educational purpose, but also a full-fledged component of the information educational space, where the teacher and student are subjects of the educational process. The different information and communication technologies used require the integration of different components of the didactic system, and the design of an electronic study book makes it not only a tool of the educational purpose, but also a full-fledged component of the information educational space in which the teacher and student are present. it is considered both subjects of the educational process. The teacher and the student communicate in this space, forming a group of equal entities that solve a common problem. From this point of view, the design of an electronic e-learning notebook can be viewed as an educational environment, an environment of professional creative activity, an environment of knowledge accumulation and a source of cognitive information.

The analysis of the problem of the targeted development of educational activities in the information education space makes it possible to note: the improvement of the quality of the training system of highly qualified specialists is the use of e-learning tools that embody new information and traditional educational technologies. Serdyukov notes that an electronic textbook is "a system of educational materials, organized in a certain way, designed to achieve the set goals, as a rule, used in the process of studying a course in a subject under the supervision of a teacher [1]".

A.A.Andreev defines an electronic textbook as “a computer teaching system that includes didactic, methodological and information-reference materials on the subject of learning, as well as software that allows you to self-acquire knowledge and use them in a complex way to track the results of educational activities [2]”.

In this article, the design of an e-learning notebook is considered as an e-learning tool that provides educational subjects with various types of educational materials using information and communication technologies, as well as creating conditions for self-learning and self-control in information.

1 Steel E.S., Petrov A.E. General requirements for an electronic textbook, created on the basis of Internet

technologies //http://www.ioso.ru/distant/librarv/publication/.htm.

2 Andreev A.A. Didactic foundations of distance education. [Electronic resource] . — <http://www.iet.mesi.ru/br/ogl-b.htm>.

It should be noted that electronic textbooks are distinguished by a technological platform of use. On this basis, electronic textbooks are distinguished as autonomous, networked and complex.

Electronic textbooks allow you to organize feedback, manage education and programs in offline and online modes, and take into account the cognitive activity of the student in the process of passing the individual educational trajectory.

The use of electronic educational textbooks in the educational process, as practice shows, increases the activity of students, forms motivation for the self-education process in them, provides favorable conditions for the creative self-expression of future specialists, eliminates psychological problems.

When creating the design of an e-learning notebook, there are not only organizational and financial problems, but also methodological and technological problems, which arise from the peculiarities of e-learning tools. It should be noted that when creating the design of an electronic e-learning notebook, it is of great importance to ensure a sufficient individual perception and understanding of educational material by students. Therefore, in order for each student to realize his or her individual choice of educational path, the teaching material must be presented at different levels of complexity, including the basic and changing components at each level.

Conclusion

The article discussed a number of issues related to the technology of design and development of an electronic educational notebook as a means of carrying out effective educational activities of educational subjects in the information educational space. The design of an electronic study book can significantly enrich the educational process due to its main methodological features. In higher education institutions, a set of national standards is needed, which are closely related to the regulation of the educational system, developed taking into account the world experience, in order to design an electronic study book and solve them. Compliance with standards is a prerequisite for success in the introduction and widespread use of e-learning tools, in particular, the design of an e-learning notebook.

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