EFFECTIVE USE OF MODERN EDUCATIONAL AND DIDACTIC TOOLS IN THE EDUCATIONAL PROCESS

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Annotation

There is considered in the article implementation of modern educational and didactic capabilities of the educational process and discussed requirements for electronic textbooks.

Keywords: didactics, digital resources, e-book, professional, educational-methodical software, component, interdisciplinary conjugation, interface, resource.

As we know from the pedagogy course, didactic is derived from the Greek word "didactos" which means "teaching" or "theory of education" enough. Didactic tools can be familiar to us, found in our lives, or even used by us. Not all of them are necessarily educational tools. For example, if we take television, it is a household technical tool used for recreation in our lives, but it is a mass media tool for propaganda work among the population. But we also use it widely in education. For example, it is used as a didactic tool in distance education [1].

On the one hand, each textbook should be autonomous to a certain extent, and on the other hand, it should meet the standards related to the content (format) of its content and information. This, in turn, allows for easy and quick collection of the necessary textbooks in an informational educational system (in which information is a search system, an examination system, etc.). If the electronic textbook is of sufficient quality and has a system for controlling the content, learning process and checking the acquired knowledge, it can somewhat satisfy the existing need [2]. e-books are more widely used, with a selection of programs to choose from. N.A. Muslimov and I.B. Askarov, scientists of our republic conducting research in this direction, say that electronic textbooks must meet the following requirements:

● ability to meet the requirements for the publication of the curriculum and educational-methodical works (it is approved by the scientific-methodical council of the faculty).

The fact that the textbook is prepared as an electronic version of a methodical manual that is being presented for the first time or previously published in a specific field and is related to a general, special or optional course in terms of content;

● having a volume that allows to reveal the content of a certain educational course (or its part) and to achieve educational and methodological goals;

● possession of visual elements that help to achieve educational and methodical goals (possibility of maximum use of multimedia capabilities of the computer);

● the fact that the material has been developed taking into account the feature of viewing it on a monitor screen and placing it on the network;

● the presence of hyperlinks in the text, as well as the indication of WEB sources and other information resources in necessary cases;

● the presence of control questions that allow the learner to independently assess the level of mastery of the material;

● work in many languages, as well as the creation of special conditions for students with disabilities[3].

E-book has the following requirements: to expand the range of communication between learners and educators, the time the student has worked on a certain topic, the time spent on mastering it, monitoring the level of mastery, learning at the beginning of the training course It is necessary to provide the opportunity to control the student's level of knowledge and the level of knowledge at the end of the course [4]. These are all basic requirements for an e-book. Teaching on the basis of modern educational and didactic tools has a positive effect on increasing students' learning opportunities, developing their independent work abilities and learning levels of practical skills. Electronic textbooks, which are most widely used in the educational process, should include several organizational components [5]. A modern textbook should have the following qualities:

● encourage students to be active and think critically;

● not limited to providing only theoretical information;

● providing practical training, projects, exercises and assignments;

● availability of tests for the student to assess his knowledge;

● enables independent education;

● educational material should be focused on specific goals and tasks.

In conclusion, it can be said that the textbook created on the basis of modern educational requirements increases the effectiveness of teaching, ensures the systematization of students' knowledge, develops their creative abilities and increases their interest in the profession. From this point of view, we recommend that the authors who create training manuals for special subjects should be based on modern educational technologies and didactic and methodological requirements for the textbook in the development of the content of the training material, in the explanation of the text.

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