EFFECTIVENESS OF CREATING AND USING MULTIMEDIA COURSES IN THE EDUCATIONAL SYSTEM

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Annotatsiya: Maqolada ta'lim tizimida multimedia elementlaridan foydalanish samaradorligi, Autoplay Media Studio dasturi yordamida o'quv kurslarini yaratish va dasturning keng imkoniyatlari to'g'risida ma'lumotlar berilgan.

Annotation: The article provides information on the effectiveness of the use of multimedia elements in the education system, the creation of training courses using Autoplay Media Studio, and the wide range of possibilities of the program.

Kalit so'zlar: Ta'lim tizimi, multimedia texnologiyalari, o'quv kurslari, Autoplay Media Studio.

Keywords: Education system, multimedia technologies, training courses, Autoplay Media Studio.

One of the main methods of improving the quality and efficiency of the educational system is the use of modern information and communication technologies in the educational process, including multimedia training courses, ensuring interactive interactions between the teacher and the student, multimedia communication will consist of attracting highly qualified personnel in the development of training courses and textbooks.

Multimedia creates opportunities to describe information in various forms and create dynamic images, to receive and imagine it through the organs of sight and hearing.

In multimedia technologies, information is presented in the form of images, sounds and actions, rather than in the form of text, which teaches students to be more active, attentive and curious in the lessons, because each piece of information recommended requires their participation and is done through movement.

In the educational system, multimedia technologies are a tool that positively and effectively affects students by combining theoretical, practical, demonstrative, informative, training and control parts. In addition, the use of multimedia educational courses in the educational system allows to create high-quality video recordings of demonstrations of theoretical materials, virtual laboratory works and practices, simulated animation models of various processes, for this purpose students' educational classes, computer classes, teaching it is necessary to organize their practical activities in the technical equipment room, methodical rooms, and libraries.

All multimedia training courses used in the educational system should be practical and experienced, and should have unique pedagogical and psychological characteristics.

Pedagogical-psychological characteristics of multimedia educational courses depend on the form and appearance of educational materials used for the formation of knowledge and skills. They should be focused not only on the process of solving examples and problems, performing practical and laboratory exercises, but also on the formation of students' knowledge, skills and abilities throughout the entire educational process.

One of the main features of multimedia training courses created in the educational system is determined by certain subtleties of learning this topic, which in turn require a large number of visual materials, because without their participation, the various aspects of the living world, the necessity of its construction, the mechanism of formation and development of biological, chemical and physical processes cannot be fully demonstrated.

One of the main didactic issues of this field - general methods of influencing the objects of education and visualization occupy one of the main didactic issues in the creation of multimedia training courses for the educational system.

Multimedia training courses differ from previous traditional training manuals in many ways. In addition, the recommendation of educational materials to students is carried out through multimedia: graphics, animation, video, voice and sound movements, real events and many other elements, such as modeling of events, because they compensate for the shortcomings of natural objects and visual aids. allows for a certain amount or full coverage. This will be important in the formation and strengthening of students' knowledge and skills on the subjects they are studying. because they make it possible to cover the shortcomings of natural objects and visual aids in a certain amount or in full. In multimedia educational courses, visual aids supplementing educational materials and increasing their level of acceptance are through slides, video films and other similar visual theoretical materials consisting of separate tables, graphic schemes, pictures, etc. can be described.

A local computer and the Internet open wide opportunities for creating and using multimedia educational courses. Placement of multimedia educational courses on the entire dune computer network, direct access to them in the use of the educational process, creates opportunities for students to find, search and learn information.

In short, when creating multimedia educational courses, first of all, it is necessary to pay attention to interactive components created with various software tools.

In recent years, a lot of software for creating multimedia documents has been developed. One of them is AutoPlay. Autoplay Media Studio is the most powerful

visual package for merging any file or set of files into a single media, and creating an Autorun menu for CDs or DVDs. Using Autoplay Media Studio to create applications based on multimedia technologies provides a very easy and convenient interface for users. Almost no programming is required when working with Autoplay Media Studio. The user can only use several ready-made project templates to choose a software environment with different designs. In order to organize the application environment into a design-rich state, the Autoplay software tool contains ready-made objects, which include a command button, a volume amplifier, a number of functional objects that ensure the printing of files from the printer, open websites and make reference to them. can be entered. Autoplay Media Studio creates all the necessary files for creating graphical shells for the application, for its automatic launch. Users only have to create ready-made projects for burning hard drives and CDs.

Autoplay Media Studio can easily process documents created in a number of systems such as Visual Basic, Visual C++, Java, Macromedia Flash. With the help of the program, you can not only quickly create an animated menu, directory tree, database and similar objects, but also manage them. Auto-launch windows can be created in any form (form) using "masks" from its library. As such a "mask" it is possible to use files in formats such as .jpg, .bmp and .png. In addition, the fact that the program itself can burn data to a CD or DVD while preparing the data for CD shows how extensive capabilities Autoplay Media Studio has. The finished project can be created as an .exe file in the form of a self-extracting archive or in a separate folder on the hard drive. In addition, the program includes the ability to check the spelling of the text. This property of the program works together with its Label, Paragraph and Button objects. If the program is installed on a computer with a full version, then its library may contain a very large number of dictionaries for spell-checking text. So, the new version of AutoPlay Media Studio 8.5 was released with the following features.

1. Creation of auto-starting private menu, interactive presentations, multimedia applications, software in a few minutes;

2. Ability to attach various photos, music, video, animation, text, etc. to the project;

3. Advanced tools for creating web applications;

4. Ability to work with XML, SQL and encryption mechanisms;

5. Ability to work with RTF format documents;

6. Ability to work with a slide show;

7. Availability of RadioButton object to change text color;

8. Extended function of printing;

9. Ability to format objects;

10. Availability of a search engine using keywords;

11. Ability to write to compact discs such as CD, DVD, etc.

These objects provide privileged assistance to the programmer in preparing multimedia documents, writing scripts for its programmable parts, and creating a management interface for the application being prepared. Another great feature of AutoPlay is that it also provides the developer with a custom property panel to select object properties and use single-valued property values effectively.

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