

TECHNOLOGY OF CREATING ELECTRONIC COURSES AND ITS ADVANTAGES

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Annotation:

The article mainly talks about the methods and advantages of using e-learning courses in teaching students and implementing the didactic possibilities of information and communication technologies.

Key words: information and communication technologies, didactics, electronic training course, innovation, electronic education

Аннотация: в статье в основном говорится о методах и преимуществах использования электронных курсов в обучении студентов и реализации дидактических возможностей информационно-коммуникационных технологий.

Ключевые слова: информационно-коммуникационные технологии, дидактика, электронный учебный курс, инновации, электронное образование.

Along with adapting our lifestyle to modern students, it requires reforms in the educational system, educational methods, new approaches, and the application of modern information and innovative technologies of the 21st century creates an opportunity for a radical change in the educational system. Also, the development of information technologies and the expansion of technical capabilities, the emergence of new changes, and at the same time, their closer proximity to our daily life, in order to ensure the continuity of the communication of educational information exchange processes with professors and teachers at a distance, the most It requires taking into account all of this in the creation of advanced methodologies and educational programs, including increasing the interest of learners in educational processes. First of all, in many cases, the value of educational information and the importance of the information conveyed are required. Previously, it took a lot of time to write a lecture delivered in one session, but now, with the help of Internet web pages and networks, these processes take 5-10 minutes, and the necessary information can be read in a short time. taking time to master. That's why the educational process was considered valuable with the possibility of writing down and remembering the information given by the student personally participating in the training sessions. For this purpose, one of the tasks set before today's pedagogues

requires the effective use of modern technologies and the implementation of educational processes with the help of information technologies, virtual education management systems, pedagogical training programs and internal content management systems in the delivery of knowledge.

The development of e-learning courses involves several stages:

1. It is necessary to prepare educational materials based on the principles of pedagogical design and adapt these materials to be read online. In this case, it is necessary to remember to apply practical processes and control the acquired knowledge.
2. In addition to the knowledge to be acquired, it is desirable to enrich the developed distance learning course with interactive methods in the process of some practical training.
3. It is necessary to clearly analyze the purpose of the creation of an electronic training course, and pay attention to the method of delivering knowledge and information using what educational materials. Also, it is necessary to take into account the creation of the scenario of the training course, the schedule and the order in which the tests will be conducted at the end of the course.
4. The e-learning course developed in cooperation with a specialist working in the field of e-learning should be created based on the principles of pedagogical design.
5. Depending on the purpose of creating an electronic course, it can be implemented with the help of various educational programs. In this LMS (Learning Management System) - virtual education management systems, there are tools for creating interactive slides for a science course, implementing assembly processes, and developing test questions with the help of electronic tests in order to control the acquired knowledge.
6. Every responsible person creating an electronic course should first of all take into account the importance of the course being based on the principles of pedagogical design.
7. It should always be remembered that even a simple educational course created draws the attention of course participants to electronic educational courses created in the educational information space, only when there is interactivity in electronic courses. will be able to expand its audience.
8. In simple terms, the course is not a simple textbook, but the information should be delivered to the course participants in an interesting and interactive way. In the process of creating the course, if electronic educational content is prepared based on facts that allow the course listeners to connect with real life examples, the course is considered not to have lost its importance.
9. Control tests - in such tasks, the course allows to evaluate the knowledge obtained by checking and evaluating the acquired knowledge at the end of the course with the help of electronic tests in order to determine the level of mastery of the existing knowledge in the educational course. The test tasks prepared in the electronic course should be covered with practical tasks related to any situation that needs to be solved.

10. Before starting any e-learning course, it is necessary to clarify such issues as what the course listener should learn, whether the existing educational information can be used in his future work, and the training course is started, and this course will serve you to achieve your goal.

From the point of view of information and communication technologies, an electronic educational course is a complex purpose information system (software implementation) that provides the implementation of its didactic capabilities without resorting to paper information carriers through a single computer program. ICT tools in all parts of the didactic cycle of the educational process:

- definition of a cognitive task;
- presentation of the content of the educational material;
- organization of the application of initially acquired knowledge (organization of activities for the implementation of separate tasks, as a result of which scientific knowledge is formed);
- feedback, control of students' activities;
- organization of preparation for further educational activities (self-education, setting instructions for reading additional literature).

At the same time, the electronic training course ensures the continuity and completeness of the didactic cycle of the educational process, provides theoretical materials, monitors educational activities and the level of knowledge, information-search activities, computer-aided consists of mathematical and simulation modeling. visualization and service functions. In short, an e-learning course can have built-in adaptation mechanisms for the needs of a particular student, which makes the learning process more individual and therefore more effective. These mechanisms are supposed to take into account the possible differences between students, which determine the difference in the perception of the educational material.

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