

Methods of electronic books in educational process

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Методика применения электронного пособия в учебном процессе

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Abstract: study, the main advantages of full-time training. Disadvantages of full-time training. Training Methods, using the TPC and the transfer of new knowledge.

Аннотация: исследование, основные преимущества очного обучения. Недостатки очного обучения. Методы обучения, используя ТРС и передачу новых знаний.

Keywords: form of study, part-time training, simulation model.

Ключевые слова: форма обучения, неполное обучение, имитационной модели.

Study - a way of organizing the educational process in terms of technology delivering material to the students.

As part of conducting training activities with the use of electronic TPC is advisable to use the following forms of study:

- full-time;
- part-time.

Full-time training with the support of information - a form of organization of educational process, which involves direct contact with a trained instructor. Full-time is mainly used for in-depth training of small (up to 10 - 20 persons), groups of students. Such size makes it possible, on the one hand, to use a "group effects"¹ (difference points of view, the division of responsibilities, feedback, etc.). And on the other hand, actively involved in the learning activity to all members of the group do not remain passive listeners.

UMP in this case is only used for information support of the educational process.

An important role in the training in person playing skills and personal qualities of the teacher, as they directly affect the quality of the learning process, its organization, the ratio of students to the subject of teaching and learning courses. One of the features of full-time education is the possibility of the exchange of knowledge between students in the group and the teacher. To find the best solution of the problem of the teacher, students can discuss proposed solutions, to carry out a comparative analysis of the proposed solutions, mutual control, which allows you to get the hang of teamwork, skills of independent search for a solution.

The main advantages of full-time study:

- the possibility of communication with the teacher in real time, which allows the student to get answers to questions about training programs at the moment of acquisition of knowledge;
- the possibility of obtaining skills of operations that require interaction in real time several artists;
- a high degree of motivation of students in the learning process by the emerging competition between students, enabling more advanced students to deepen their knowledge and less prepared listeners to tighten their knowledge to the average level;
- the opportunity to study in the traditional form used in Russia in higher and secondary educational institutions.

Disadvantages of full-time training are:

- the complexity of the teacher controls the actions of each student in carrying out practical tasks. Full control is possible when working with a group of 2-3 students; when working with a group of 10-20 students a teacher can perform only partial, final control, which does not allow to assess the correctness of the sequence of actions you while performing the task;
- subjectivity in the evaluation of students' work and interpretation training programs.

¹ Bent, BA Multimedia in Education. - M.: Bustard, 2007. - 202 p.

Part-time training - a form of organization of educational process, which provides remote interactive communication participants in the educational process through open access channels. The principle of interactivity is in the process of training the trainee constantly interacts with the system to support the learning process (Learning management system - LMS) and / or a teacher-tutor for further information, guidance, clarification, evaluation of its activities. Distance learning is mainly used for mass education geographically dispersed audiences. The support system of the learning process automatically controls the actions of the student (duration of work captures the listener, the correct execution of tasks, the number of requests for advice and assistance, active listening, etc.).²

One of the features of the application of distance learning is the use of simulation models of software and hardware that allows you to go to learn to work with application software, even those schools that do not have it in stock. One of the most common ways to simulate large software systems is a map of the features (most commonly used) to a set of exercises. Exercises are performed in a specialized environment that emulates the behavior of the real system and the software performs the function of control action listener automatically. The UMP developed using tools such as NetCracker - emulation of the network, WMWare - virtual machine emulation of any OS.

Compared to doing the exercises on a real system simulation method have the following advantages:

- the student is always working to grease the data, while the task of ensuring data integrity in the educational copy of a software system is virtually impossible;
- the student can take the test at any time, while the training instance is a shared resource, often will be available on schedule;
- Wednesday emulation software system provides the control of the user's actions during the exercise, while working with a copy of the training program of the task of ensuring control action listener requires the allocation to each student on a personal adviser, otherwise the quality control will be low.

Among the main advantages of distance learning:

- Training in the community for socially vulnerable groups of students;
- availability of tools to assess the knowledge and skills of students in real time, funds to support the process of learning (LMS);
- Training on the individual training programs without additional forces from the teacher; the efficiency of formation of skills.

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