

- с помощью доски и мела затруднительно объяснить работу с различными приложениями;
- в случаях выявления в слайдах пособия недостатков или ошибок, можно сравнительно легко устранить дефекты;
- в зависимости от подготовленности учащихся один и тот же материал можно объяснять и очень подробно, и рассматривая только базовые вопросы темы. Темп и объём излагаемого материала, определяется по ходу урока;
- повышение уровня использования наглядности на уроке;
- повышение производительности урока;
- преподаватель создающий, или использующий информационные технологии вынужден обращать огромное внимание на логику подачи учебного материала, что положительным образом сказывается на уровне знаний учащихся.

Таким образом, использование мультимедиа технологий на уроках легоконструирования создают условия для формирования таких социально значимых качеств личности, как активность, самостоятельность, креативность, способность к адаптации, в условиях информационного общества, для развития коммуникативных способностей и формирования информационной культуры личности.

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А.А. Мазеина, Е.А. Тукова **ЭЛЕКТРОННОЕ ОБУЧЕНИЕ: ДОСТОИНСТВА И НЕДОСТАТКИ НОВОВВЕДЕНИЯ**

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ELECTRONIC EDUCATION: ADVANTAGES AND DISADVANTAGES OF THE INNOVATION

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Аннотация. В статье рассмотрено электронное обучение, как новый вид обучения в Российский вузах, проанализированы достоинства и недостатки этого нововведения. Кроме того, определены последствия введения данного вида обучения в высшей школе.

Abstract. The article presents the e-learning as a new kind of training in Russian universities. Moreover, it has defined consequences of the entering of this training in high school.

Ключевые слова: электронное обучение, самообразование, социализация.

Keywords: electronic learning, self-education, socialization.

The 1st of September, 2013 came into effect a new law of Russia «About education in the Russian Federation» from 29.12.2012 N 273-FZ, which legislated the conditions and requirements for the introduction of e-learning. A special article «Implementation of educational programs using e-learning and distance learning technologies» appeared there (chapter 2, article 16). This testifies to the fact that the e-learning is a true reality that will enter (or have already entered) in each institution legally soon. What is the e-learning? And what are the consequences of this innovation?

This article aims are to identify positive and negative aspects of the introduction of e-learning in the educational process.

Let's start with the fact that electronic learning is the use information and communication technologies and e-learning resources. In today's world one technology replaces another, the number of knowledge and skills that a person must possess in order to be successful expands constantly. And today there are increasing reports of enticing prospects of using computer communication to solve problems facing the education system. That's why the application of ICT to improve the quality of the education is a priority [1].

Nowadays the educational process is aimed at improving the quality of students' self-education. Self-education is one of the most complicated and laborious kinds of development, however, it gives the best result, because the knowledge received independently, experience of their own research and errors is invaluable. They become a part of a person on the way of cultivation. All that a person achieves, by himself, postpones to the memory better. This case converts the identity and helps to transform the theory to the practice easier. Moreover, the majority activities of the modern student are not only learning. In order to be successful in the future and achieve aims, students are actively involved in youth organizations, attending training, engaged in creative work, sports, science, and even have time to work. Therefore, from this point of view e-learning has positive aspects in the educational process. The main advantages of innovations [1]:

1. the innovative idea – the possibility to develop up with the times;
2. concentration of all necessary information in one place;
3. schedule flexibility training – duration and sequence of the semester a student chooses, while focusing on their needs and temporary opportunities;

4. relative cheapness;
5. an assessment methodology of knowledge does not depend on the teacher (controversial advantage);
6. great freedom of access – the student has the ability to use electronic resources in each place where there is access to the Internet;
7. use of computer graphics, animation, video, audio and other media components provides a unique opportunity to maximize visual learning material, and therefore understandable and easy to remember.

But do not forget that the man needs socialization. After all, a person must not only be educated that to start professional work, but also possess specific qualities to use their knowledge and find a good use for them. You must be able to present themselves, communicate with people, build relationships and coordinate your work with that of others. The main disadvantages of innovations [1]:

8. lack of real communication between students and teachers, there is no individual approach to training and education;
9. the practical part is minimized – "theorizing" of training, reducing educational process to mechanistic techniques and methods;
10. decrease of regular control by teachers. Student often difficult to independently overcome laziness;
11. examination is performed by tests that do not reflect the true knowledge of students.

The main and obvious disadvantage of electronic learning is the lack of real communication between students and the teacher. It is necessary not only to paint emotional a learning material and to assist in its assimilation and understanding. A number of psychological aspects is lost with its loss. In the learning process the teacher observes of the students, can advice something or help to make the choice or a decision, to direct the energy of students in the right direction, for example, to offer to engage in scientific activities with him. These important features of education are lost when e-learning came, that is quite detrimental to the person and society as a whole.

In conclusion, the e-learning is undoubtedly a step in the formation of the future. It has certain advantages, it is appreciated by many students, without losing anything in their training. However, for most of this innovation presents new challenges. In fact, we should not forget the traditional training that gives more skills, especially in the production of basic education.

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