

INNOVATION IN TEACHING AND LEARNING

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Возможности использования мультимедийных средств обучения

Potential of Multimedia Learning Tools

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Аннотация В данной статье автор рассматривает различные определения мультимедиа и упоминает разнообразные мультимедийные средства обучения. Автор рассматривает потенциал использования мультимедийных средств обучения и выделяет некоторые положительные стороны данного использования.

Ключевые слова Мультимедиа, мультимедиа технология, мультимедийные средства обучения, эффективность, потенциал, навыки

Summary In this article the author provides different definitions of multimedia and mentions various kinds of multimedia learning tools. The author considers the potential of multimedia learning tools usage and singles out some positive sides of its usage.

Key words Multimedia, multimedia technology, multimedia learning tools, effectiveness, potential, skills

Many teachers and educators consider a primary goal of education to be educational effectiveness. In order to increase such educational effectiveness, educators should use some effective teaching methods which are assisted by advanced technology, such as multimedia, that is suitable for any learning style. The present learners are becoming more innovative.

Multimedia computer based training and learning have become mass phenomenon. Although not all resources of multimedia are fulfilled. Here we can observe the main problem which is revealed while using multimedia computer based training and learning. So the problem refers to distinguishing effective and non-effective multimedia technologies.

Multimedia technology is commonly used, so we can not single out only one its definition. Multimedia can be identified as information technology; in-

formation-carrying medium; modern mass medium and multimedia program; multimedia product, etc.

Many educators agree that multimedia include different sorts of information, such as text, graphic, animated, audio and video information, which enables usage of various ways of structuring, presenting and integrating according to the aim.

There are different multimedia learning tools designed for teaching and learning and they have been proven effective in accelerating the process of learning. Under multimedia learning tools we understand loudspeaker system, sound card, microphone, camcorder, projector, interactive whiteboard, computer, tape-recorder, CD-player, and others.

Multimedia technology enriches the content of computer based education by providing media rich study materials for learners. Moreover, it changes the way that the learners are interacting with computer systems. Experiences of the researchers in evaluating the quality of learning from hypermedia documents has been highly positive and it has been established that some of the positive attitude is due to the novelty of the medium.

In educational process multimedia learning tools can be used to work up practical skills, improve quality of education in different spheres and develop critical thinking.

Multimedia learning tools help to increase effectiveness of educational process. Firstly, multimedia learning tools let us imitate difficult real situations and experiments. Secondly, they can visualize dynamic processes and abstract information. Multimedia learning tools improve cognitive skills. Finally, they simultaneously use different sensory canals uniting information.

Multimedia technology empowers the teaching and learning process. It allows educators to include multiple media into the teaching materials and makes the study more interesting or even more motivated. It improves the quality of education as well as the interaction between teachers and the students. Moreover, it encourages and enhances learning as well as individual creativity and innovation.

The conventional education framework (figure 1) consists of two main participants: Educator and Learner. The communication between these two participants is basically a one way process.



Fig. 1 - The conventional education framework

Educator normally plays the role as information provider who delivers knowledge to the learners. Learner receives this knowledge.

Multimedia has the capability to empower the constructivist approach for learning through self explorations, collaborations, models, simulations and creating media rich study materials. Pictures, video and sounds are incorporated in a structured manner facilitating the learning of new knowledge much more effectively. The interactive nature of multimedia can also provide the learners more flexibility to adapt to their own learning strategies. It enables both the educators and learners to work together in an informal setting. The role of educators and learners are extended. Figure 2 demonstrates our view of multimedia courseware as a communication channel between teachers and students which re-engages and accelerates the education process.



Fig. 2 - Multimedia accelerates the educational process

With multimedia learning tools the learners can engage in more creative work encouraging innovations. The interactive visual representations enable students to communicate their ideas more effectively in an informative manner. Learners can have access to them regardless of the time and space. They are able to influence the learning process, i.e. learners firstly can study the material which they are interested in most of all and can revise it as many times as they need in order to understand it better.

All in all, the usage of multimedia learning tools in educational process has great potential. The usage of different sensory canals and active learner's partaking enable to work up and reinforce new knowledge and new skills. For realizing the potential of multimedia it is necessary for learners and educators to have sufficient level of training. The result of such activity may exceed learner's expectations.

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俄罗斯叶卡捷琳堡广播孔子课堂的现状与发展问题

**Текущая ситуация и дальнейшее развитие Школы Конфуция РГППУ-
МРК**

**The Current Situation and Further Development of Confucius Classroom
RSVPU-CRI**

程 谟

(国际台叶卡捷琳堡广播孔子课堂 中方负责人)

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【摘要】孔子学院既是语言文化交流的平台，又是增进中国与世界各国人民友谊的桥梁，俄罗斯孔子学院的建立为增进中俄友谊发挥了重要作用。由于孔子学院在全球范围内发展速度较快，在其建设过程中必然会遇到了一系列的问题和挑战。本文对俄罗斯国立职业师范大学广播孔子课堂的发展情况进行调研，对课堂的教学模式进行分析，总结已有的经验，加强文化传播，力求为中俄两国间的文化交流沟通做出更大贡献。

【关键词】孔子学院 俄罗斯 广播孔子课堂 汉语教学 文化传播