

THE CURRENT TRENDS OF E-LEARNING

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Abstract

The paper deals with an Essential innovation of traditional education with regard to respect for the educational needs of today's young generation that is growing up under conditions of information society. It brings new trends in contemporary education.

Keywords: traditional learning, e-learning, m-learning

SÚČASNÉ TRENDY ELEKTRONICKÉHO VZDELÁVANIA

Resumé

Príspevok sa zaoberá nevyhnutnou inováciou tradičného vzdelávania z hľadiska rešpektovania vzdelávacích potrieb súčasnej mladej generácie, ktorá vyrastá v podmienkach informačnej spoločnosti. Približuje nové trendy v súčasnom vzdelávaní.

Kľúčové slová: tradičné vzdelávanie, elektronické vzdelávanie, m-learning

Introduction

„The good news is-many schools are now changing for the better,
the bad news is that the world is changing faster than our schools.”

Willard R.Daggett

Significant changes that have occurred in at the end of 20th century, economic globalization, interconnectedness and interdependence have brought many changes that affected not only the economy but also all areas of life-culture, science, technology, politics and education. The future and prosperity of each country and necessarily depends mainly on the training and education their citizens.

The current period is characterized by the explosion of information and the rapid rate of innovation. On the one hand, the amount of information available to us and which is steadily increasing and on the other hand the skills necessary to access and process information, which is very quickly goes out of date. The statistically it is found that in the ten years out dated about 80% of the technologies that are currently being used. That is why we all must realize that the new century and the Information Society requires new forms of education.(1)

1. The need for innovation of the traditional education

The present educational system of our society has many characteristics of the traditional learning. In education remain dominated by classical forms and procedures, but this are not responding on modern educational trends, which are applied in developed EU countries and in the world. The traditional system of education, as we remember him from the past, was characterized by verbal and written form. This system is now supplemented by further means to be filled learning objectives. Technical progress and the economic possibilities of the country are affected and limited of the amount of these funds.

Longer period is speaking of a crisis of education, which results from the increasing discrepancy between how the school is preparing its graduates and the actual needs of modern

society. If we want to change the current method of training and learning process and change it on the education for today's century, we must alter the way of teaching. From today's students in practice will require very different skills, but these skills cannot be obtained in a passive way of teaching.

2. E-learning in higher education

The European Union defines thee-learning as the use of the latest multimedia technologies and the Internet to enhance the quality of learning by facilitating the approach to information resources, services, information exchange and cooperation. The area of e-learning is quite extensive, involve the creation, distribution, interactive, online courses, learning management and also feedback. (3)

At present, e-learning is one way of preparing students who are currently preferred for higher education in the combined form of study. Hashed out problems is treated in multimedia courses, increasing the quality and speed of acquiring knowledge and skills. It also allows students to move from a passive position to an active position.

Appropriate combination of classical, traditional learning and e-learning; have created new possibilities for the educational process, which brings together the expertise and experience of the teacher-trainer with the advantages of modern technology. The result of this process is also that education is becoming more efficient, more targeted and more interesting for students.

The solution to the current problems of e-learning in our department required the existence of a good and simple system of education. In our case it is Moodle, which is actively implemented in the educational process as a means of interactive learning support for full-time form of education in teaching technical subjects in the study program Digital Technology.

3. New trends in education

Today's young generation uses modern daily technology, which is only natural, because they were born into a world surrounded by the computers, mobile phones and the Internet. Therefore it is logical to include them into the educational process. Classical pens, blackboard and chalk are replaced by laptops, tablets, smartphones, high-speed internet and an interactive electronic whiteboard. For most of our students is now more comfortable to work with a keyboard than writing in a workbook. They prefer to read from a computer screen than on paper.

The current time showed that only brings together students with a computer or the Internet is not sufficient and neither correct. Students have a variety of digital devices, which they bring to school and use them not only for entertainment but also for education. They are various phones, tablets, MP3 players, recorders and other. This phenomenon has its abbreviation BYOT (Bring Your Own Technology). For many educators who are willing to accept these devices and appropriately add them to the educational process is a difficult situation. The range of these devices is in fact much more varied compared with homogeneous computer lab, where they are all the same PC. Rapid technological change has therefore become a challenge for teachers who are trying to keep up with the digital lifestyle of their students.

M-learning is a form of e-learning, which uses mobile phones, pocket computers, PDAs. (2) Recently are appeared on the market smartphones, which in addition to calling and

messaging are also many other features. Its parameters are matched by conventional computers that were produced in the mid-90th the last century. The facts that are able to compete in the education with notebook showed smartphones with larger screen - tablets. They are small portable devices with a touch screen, which is used as a main Actuation types your computer. Their advantage is multifunction, backlit display and the ability to play multimedia. The disadvantage is particularly low battery life. Mobile devices have many advantages, but their use in the educational process has some limitations.

We cannot be viewed as compensation for of education, but only as a supplement, or rather support for more effective of education. New technologies are fully penetrated into the environment of our schools, and they may become an important tool to help education. This is now a reality not only in developed countries but slowly now in Slovakia.

Conclusion

The world is changing rapidly and so, as cannot now return to the industrial economic model of the last century, so we cannot go back to the period of the traditional model of education. Views on the traditional education and on the application of new technologies in the educational process are different, it cannot be denied that significantly changed the view of how education has to look and what means can achieve educational goals. It is necessary to make it effective, balanced, innovative and meaningful than it was before. Modern School for the Three Millennium has to give our students a chance to prepare them for life and work in a global information society.

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Acknowledgements

This work was partly supported by the project "Innovation and internationalization of education - instruments to increase the quality of the University of Žilina in the European educational area. Modern Education for the Knowledge Society" co-funded by EU, ITMS 6110230079.

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