

## RECOMMENDATIONS FOR THE FORMATION OF PERSONAL EDUCATIONAL SYSTEMS FOR STUDENTS

The transition to a quality education system using modern information and communication technologies, IT technologies that provide mass, availability, efficiency, high level of content of the material is the defining feature of the education reforming processes in Ukraine. A large number of Ukrainian universities use the latest technologies and teaching methods. Simon Kuznets Kharkiv National University of Economics is one of the leaders in using innovative technologies in Ukraine, dealing with the problems of forming professional competences in the conditions of the information economy for many years, and investigates institutional reforms in the context of the problem of the professional competencies formation and employment of young people under information environment [1].

The personal educational systems that are hosted on the university's website are used in the learning process. The site works in open and closed access modes. The advantage of such technology is a system approach to learning and implementation of university's education both directly at the university and beyond, for example, the distance learning of Ukrainian and foreign correspondence-course students. Formation of the content of personal educational systems is a very responsible process of developing academic discipline, which is organized by all the lecturers of the teaching department. In order to improve the educational and methodological level of the lectures, materials for practical and laboratory classes they are discussed by all lecturers of the department despite the fact that each professor forms his own course by itself. Also there is the possibility of using other material from the Internet resources in the personal educational systems. Such approach has its advantages because the material contained in the lectures, practical and laboratory classes is already verified and formed on a high methodological level. The presentation of the material can be traditional in Word formats, as well as the presentation with animation elements based on multimedia.

The site of personal educational systems has great opportunities for communication, which is one its priority characteristics. The personal educational systems are based on Moodle and so it allows the exchange of files of any format, both between the lecturer and the student, and between the students. The mailing service allows promptly informing of all participants of the course. The forum allows you to organize a group or group discussion of the material and issues. The chat allows you to arrange discussion of learning lecture material in real time.

It is necessary to carry out the periodical monitoring in order to determine the level reached in obtaining knowledge. It should be noted that the experience of using personal educational systems has shown the advantages of testing as an effective way to test students' knowledge. The general methods and stages of tests forming are known [2]. It is generally accepted that creating computer tests using interactive e-learning environments is more effective. Their advantage over the printed counterparts is obvious, but it requires special additional training for the implementation of this type of control of students' knowledge from lecturers. The interactive computer-based tests on economic disciplines created in the Adobe Captivate environment are unquestionably successful in the processes of student knowledge testing and self-control of the quality of the acquired material.

One of the modern, effective teaching material technologies that provide students with an educational process is the electronic multimedia interactive editions, including electronic tutorials. This is confirmed by the practice of implementing them into the educational process of S. Kuznets KhNEU. The electronic textbooks, in complex with personalized educational systems, organize all types and forms of student training in a comprehensive manner. The indisputable advantage of such technology is that students of other universities can also use these tools to deepen their knowledge and skills in online mode.

The problem of process accelerating from passive consumption of knowledge to their active creator is based on the expansion of forms, methods and methods of independent work of students and solved differently in the learning various academic disciplines. However, using of personal educational systems effectively implements all three levels of self-education, namely the reproductive level, which is based on cognitive activity of the student and independent study is performed according to a sample of solving problem, filling in tables, schemes; the reconstructive level involves improving decisions, drafting plans, abstracts, annotations, writing essays in the course of independent study; creative or search level, when the student on himself chooses the manner and the methods for solving the corresponding exercises. The level of efficiency of independent study of students also depends on the lecturer, namely, on the forms of organization of the process on personal educational systems, since it defines a system of exercises, chooses the type, number of exercises, plans the necessary time for their implementation, assesses the results. The independent study organized methodically determines the students to deeply learn the material in accordance with the curriculum of discipline and stimulates thinking, contributes to the full display of the student's abilities, increases their creative activity.

#### References

1. Формування професійних компетентностей в умовах інформаційної економіки : монографія / В. С. Пономаренко, Г. В. Назарова, К. Г. Наумік та ін. – Х. : Вид. ХНЕУ ім. С. Кузнеця, 2014. – 220 с.  
<http://www.repository.hneu.edu.ua/jspui/handle/123456789/9377>
2. Wilson M / Constructing Measures: An Item Response Modeling Approach / M. Wilson // Lawrence Erlbaum associates, Mahwah, New Jersey. – 2011. - №2. – P. 716-730.