



Development Of Information Digital Competence In Higher Technical Education Students In A Digital Educational Environment

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Annotation: This article discusses the ways and content of improving students' digital competencies in the digital technology environment, as well as effective tools. How to equip teachers with new digital competencies is described using the example of global pedagogy. Digitalization and the introduction of computerization affects all spheres of life and society. The importance of digital technologies in higher education and the requirements for their rational and effective use are presented.

Key words: digital technologies, digital competence, foreign experience, practical significance, economics, pedagogical skills, education, upbringing, development, information and communication technologies, virtual world, development, globalization, motivation, integration, result, experience

RAQAMLI TA'LIM MUHITIDA OLIY TEXNIK TA'LIM TALABALARIDA AXBOROT RAQAMLI KOMPETENTLIKNI RIVOJLANTIRISH

Annotatsiya: Mazkur maqolada raqamli texnologiyalar muhitida talabalarni raqamli kompetentsiyalarini oshirish usullari va mazmuni, samarali vositalar hususida fikr yuritilgan. O'qituvchini yangi raqamli kompetensiyalariga qanday bo'lishi jahon pedagogikasi misolida bayon qilingan. Raqamlashtirish kompyuterlashtirishni joriy qilinishi, hayotni va jamiyatni barcha sohalariga ham o'z ta'sirini ko'rsatmoqda. Oliy ta'limda raqamli texnologiyalar ahamiyati, ulardan oqilona va samarali foydalanish talablari keltirilgan.



Kalit so'zlar: raqamli texnologiya, raqamli kompetentsiya, xorijiy tajriba, amaliy ahamiyat, iqtisod, pedagogik mahorat, ta'lim, tarbiya, rivojlanish, axborot kommunikatsion texnologiyalar, virtual dunyo, rivojlanish, globallashuv, motivatsiya, integratsiya, natija, tajriba.

**РАЗВИТИЕ ИНФОРМАЦИОННОЙ ЦИФРОВОЙ КОМПЕТЕНТНОСТИ У
СТУДЕНТОВ ВЫСШЕГО ТЕХНИЧЕСКОГО ОБРАЗОВАНИЯ В ЦИФРОВОЙ
ОБРАЗОВАТЕЛЬНОЙ СРЕДЕ**

Аннотация: В данной статье рассматриваются пути и содержание совершенствования цифровых компетенций студентов в среде цифровых технологий, а также эффективные инструменты. Как вооружить учителя новыми цифровыми компетенциями, рассказано на примере мировой педагогики. Цифровизация, внедрение компьютеризации затрагивает все сферы жизни и общества. Представлено значение цифровых технологий в высшем образовании, требования к их рациональному и эффективному использованию.

Ключевые слова: цифровые технологии, цифровая компетентность, зарубежный опыт, практическая значимость, экономика, педагогическое мастерство, образование, воспитание, развитие, информационно-коммуникационные технологии, виртуальный мир, развитие, глобализация, мотивация, интеграция, результат, опыт

In today's modern higher education, special attention is paid to the rational use of digital technologies and this is assessed as the most effective approach that serves to improve the quality of Education. For this, the priority is to form the competence of higher education students to use even more efficiently the capabilities of digital technologies. Therefore, in the development of information competence of student, their use of digital technologies, their widespread introduction into education is one of the urgent tasks. The facilities and indicators that must be specified in the use of computers, the internet, communication and other media must be expanded in ensuring the improvement of information competence of students. In addition, to increase the informational competence of students, their very important. of great importance is the orientation of information, the analysis of the quality of the message and the study of its features related to the active exchange of information among people. In-depth analysis and development on this topic



requires that students must be actively involved in specific platforms to gain experience.

One of the important factors in the training of qualified personnel is the improvement of the quality and effectiveness of Education. An important role in improving the quality and effectiveness of education and the development of professional creativity is played by modern methods of education, forms of education, tools, game techniques, problematic education, especially unconventional aspects of independent education, methods. It has now been proven that improving knowledge, skills, competencies and skills has a positive effect in the process of “organizing the educational process”, and not the process of “training” of learners. Good results can be obtained from lesson processes organized using game techniques. In such a process, the learner will remember the knowledge, tasks and tasks in the course of the lesson. The use of digital information technology in the course of the lesson is not a single goal, but a way of penetration into the world of youth, is an additional way of providing fuller information, is a way of teaching a teacher – managing, guiding, shaping and developing practical skills, is an advanced way for young people to acquire knowledge, is a way of expanding.

At present, the progress of scientific thinking and scientific technology is taking place sharply and intensively. It follows that digital technology teaching professors in the period that coaches are obliged and necessary to keep up with the Times. The professional skills of a digital information technology educator include:

- a) awareness of the involvement of the educational system in global information processes;
- b) readiness to master an almost unlimited number of data and methods of effective access to analytical processing of this data;
- d) strive to form and develop personal creative qualities that allow the formation of pedagogical ideas in the modern information environment in order to obtain innovative pedagogical results, as well as create a specific information environment;
- e) the willingness to jointly develop scientific and social experience, to reflect and self-reflect together with all the subjects of information interaction;
- f) mastering the mining of data acquisition, selection, storage, replication, presentation, transmission and integration;



g) readiness to use modern interactive telecommunication technologies as an important area of professional growth in a constantly changing information society, in the context of continuing education;

h) the ability to model and design the information and educational environment and develop the results of their professional activities.

The use of digital information technology in the course of the lesson will provide teachers and students with new unique facilities associated with interactive teaching aids. Other modern digital teaching tools for the computer include a projector, an electronic whiteboard, smart panels, using visual aids to increase the data delivery rate, thereby providing an opportunity for the teacher to make the most of the lesson time. The greater application of elements of computer technology in the course of the lesson, helps to increase the diversity of the educational process, saves students–listeners from boredom, raises education to qualitatively new, higher stages, is achieved by providing impeccable educational textbooks, promotes personality development, forms the creative potential and cognitive activity of the student and teacher in them, Today, the task of educating students to think independently is one of the main goals.

The resolution of this issue in many ways also depends on the application of interactive teaching methods. Such methods will focus on covering everyone in the audience by requiring collaborative work. The essence of interactive teaching organizes the educational process in such a way that all students, being involved in the process of cognition, have the opportunity to think freely, analyze and reason logically.

For organizers of training using an interactive method, in addition to purely educational goals, the following aspects are also important:

in the process of interaction of students in the group, the student is able to understand the abilities of others;

the formation of the need to interact with others and the need for the moment to need their help;

race in students, develop competitive moods.

Therefore, two main functions must be implemented, which are necessary for successful activities in teaching groups using interactive methods:

the pragmatic aspect of teaching is the prerequisite for solving the educational issue posed by the;

solving educational issues (providing assistance to members of the group in the process of collaborative work, the formation of Hulk-norms).



In conclusion, it should be said that when providing education and upbringing to a person, it is important not only to direct education to the recipient, but also to the psychological readiness of the teacher for pedagogical activity. In such cases, the teacher requires special attention to the level of professional competence. The adoption of a competency approach in the educational system as a conceptual basis of educational reforms, the introduction of a competency approach to the educational system the purpose, content, teaching of education.

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