

PRACTICAL FORMULA OF EDUCATIONAL STANDARDS IN THE TRAINING OF QUALIFIED PERSONNEL

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ABSTRACT

A practical formula has been developed for the practical application of educational standards in the training of higher education students as professional personnel and ensuring employment. The development of practical work sequences aimed at acquiring theoretical and practical knowledge of the subjects of specialization (Engineering and computer graphics) is presented.

Keywords: personnel, state, person, state educational standards, society, independent education, Research, forum, FAQ, test. Electronic book, Search information on the internet, Q/A, Presentation, Data analysis, Sketch.

Based on the general goals of education and upbringing, its role and tasks in the system of modern sciences, and its importance in the life of society, the main goals of science can be defined as follows:

development of computer literacy among students;

to ensure that students acquire solid and conscious knowledge of the processes of information processing, transmission and use;

to reveal to students the importance of information processes in the formation of a modern scientific view of the world, the role of information and communication technologies in the development of society;

the skills of conscious and rational use of computers in life forming;

None of the above issues should be solved in isolation from the others. They should be implemented as a whole, closely related to each other, because as a result of students' solid mastery of the basics of the subject sciences, it is possible to educate their thinking, create the foundations of a scientific and professional worldview.

Teaching students to draw correct and deep conclusions, to make logical observations, leads them to a critical and creative approach to solving each problem, and allows them to work effectively in different conditions. [1]

Student independent work (TMI)

These forms of independent work are not given any instruction or evaluation by the teacher, but the student himself implements them based on his interests. It should

be noted that these types of TMIs are not evaluated. The following TMI forms are used in teaching science:

Research. Students independently search for information on the Internet and other sources and study handouts. It is advisable to spend at least 2 hours on each lecture.

Forum. Students interact with each other on the distance learning platform while completing assignments in science classes. The time spent for this process is recorded on the distance learning platform.

FAQ (frequently asked questions forum). The student turns to the advice system (glossary) or the teacher on the distance learning platform for advice on his problem. The time spent for this process is recorded on the distance learning platform.

Test. The student works 20 tests posted on the distance learning platform to strengthen his knowledge of the given topic. The time spent for this process is recorded on the distance learning platform.

Forms of performing independent work of the student under the guidance of the teacher

In this subject, non-standard forms of EDMII are planned, and they are accepted in the form of a final report for each practical training. ENVIRONMENT can be done during or after the practical session. After each practical session, the teacher's consultation classes for ORTMI are organized on the distance learning platform.

In this subject, it is envisaged to use the following forms of ORTMI:

Q/A (writing limited answers to questions).

ELECTRONIC BOOK (get instructions and samples from foreign literature)

SEARCH INFORMATION ON THE INTERNET

DATA ANALYSIS SKETCH (depicting ideas, suggestions, schemes in a limited volume).

PRESENTATION (preparation of a presentation on given assignments).

Controlling students' knowledge of ORTIMI and TMI

Organization of consultation processes to provide practical and theoretical skills to our students, to answer their questions on the topics and to provide them with practical and theoretical skills for their work. Consulting processes ensure that our students are prepared to work on themselves correctly and in accordance with the quality and standards of development. What do comparisons of Internet information and book materials on the topic of students (ORTIMI and TMI) give, the sequences of connecting modern advanced ideas to the topic, the correct acceptance of the optimal solution.



Fig. 1. Far. PI. The process of consulting students on their independent work.

Figure 1 explains the results of the exchange of information between students and professors in the process of working with students, and also shows the result of the exchange of questions and answers.

During the 2020-2021 academic year, it is difficult to control the work of our students due to the fact that they are in quarantine, so we can see that the mastery indicators have decreased (Fig. 2). Students who passed and failed the final examination had to study with credit. Results recovered after retraining.

In the 2021-2022 academic year, when our students returned to higher education institutions to study offline, it was somewhat difficult for the students to master the new academic year due to the quarantine of the 2020-2021 academic year. From the spring semester, the results of students' learning began to recover. This is illustrated in Figure 2 as an example of a group. The results are relative to the number of students.

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