

THE USE OF INTERACTIVE TEACHING METHODS IN THE EDUCATIONAL PROCESS

Halak O.V., Horokhivskiy A.S., Pisarev S.A.

Military Institute of Armored Forces

of the National Technical University «Kharkiv Polytechnic Institute», Kharkiv

Modern educational institutions, including higher military educational institutions and military training units of higher educational institutions, are facing the challenge of the rapid development and implementation of innovative technologies that have a significant impact on the educational process. These changes are aimed at improving the formation of knowledge and the development of the creative abilities of not only cadets, but also scientific and pedagogical and scientific workers who are directly involved in the training process.

The modernization of the Armed Forces is impossible without high-quality training of military specialists. Their key component, in addition to the material and technical re-equipment of the army, is highly qualified personnel capable of not only operating modern weapons, but also making operational decisions in the dynamic conditions of combat operations.

Interactive learning is an approach to education that is based on the active participation of learners in the learning process.

Unlike traditional instruction, where the teacher acts as a lecturer and the learners are passive listeners, interactive learning requires learners to actively engage with the material, with each other, and with the instructor.

The introduction of multimedia technologies into the field of education is becoming an objective necessity. On the one hand, this is due to the need to navigate the vast information space, on the other hand, the principle of visibility, which is one of the fundamental principles in education. The involvement of various senses, including sight (which, as you know, perceives information 3-4 times faster than hearing), improves the assimilation of educational material and stimulates motivation for learning.

The effective use of computer technologies in the educational process is impossible without the appropriate software. The modern market offers a wide range of educational software tools (EST) that can be successfully used for teaching various disciplines.

Despite the significant expansion of the arsenal of educational tools, the teacher remains a key figure in the educational process. A modern teacher, in addition to organizational and didactic abilities, must have the knowledge and skills to work with information and communication technologies, as well as methodically competently design and implement interactive teaching methods.

References:

1. Галак О.В., О.В. Стаховський Застосування мультимедійних технологій для блоку тактико-спеціальних дисциплін у підготовці фахівців військ РХБ захисту Системи обробки інформації. – Харків: ХУПС, 2015. – № 3 (128). – С. 158–161.