

СЕКЦІЯ XVI. ПЕДАГОГІКА ТА ОСВІТА

ORGANIZATION OF FOREIGN LANGUAGE TRAINING PROCESS FOR FUTURE SPECIALISTS IN APPLIED MECHANICS BY MEANS OF ONLINE RESOURCES

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Today, higher education institutions have the tasks to create appropriate conditions for the organization and successful implementation of distance learning, which will be favorable for foreign language training of future specialists in applied mechanics. Rapid growth of technology makes it possible to organize classes using active and developing technologies in the educational process and state new priorities in the training of future professionals. There is also a need to change the paradigm of professionally oriented foreign language training of future specialists in applied mechanics.

The distance learning of professionally oriented foreign language training of future specialists in applied mechanics is a combination of pedagogical and information technologies in order to effectively implement the process of foreign language training.

According to the classification of Kukhareno V.M., distance learning technologies include educational and information technologies of distance learning. Educational distance learning technologies are technologies of indirect active communication of teachers with students by means of telecommunications and methodology of students' individual work with structured educational material presented in electronic form. Information technologies of distance learning are technologies of creation, transfer and preservation of educational materials, organization and support of the educational process of distance learning by means of telecommunications [1].

Use of educational software of information and communication technologies can significantly increase the motivation of students' educational activities in the process of fulfilling a number of technical requirements and pedagogical conditions. Information and

communication technologies capabilities allow students to control their own knowledge, increase the readiness for self-development, self-improvement [2, p. 420].

In the process of professionally oriented foreign language training of future specialists in applied mechanics, educational and information technologies of distance learning contribute to:

- submission of educational material comprehensively;
- interactivity;
- use of various software;
- combination of audio, video and text materials;
- activation and control of students' attention at the expense of various interactive

tools;

- activation of cognitive activity;
- control and systematization of educational material.

To the most widespread educational technologies of distance learning that contribute to the effective implementation of the process of foreign language training belong:

- Google Classroom is a service for organization and monitoring of students knowledge in the form of a virtual class;
- Moodle is a service for organization and controlling of students' knowledge.

The most common information technologies used in the process of foreign language training belong to the following categories:

- video materials and tests (TED, TEDEd, FlipGrid);
- quizzes, puzzles, crosswords (LearningApps for development and storage of interactive tasks, Flippity – for creating interactive exercises in the form of games);
- testing (Classtime – for development of interactive exercises, Online test pad - for creating crossword puzzles, tests, surveys, Triventy.com – for creating quizzes and games, Kahoot.com – for creating quizzes and games, Quizlet.com – for creation of cards;
- mental maps (Mindomo – for creation of associative maps, Mindmeister – for creation of mental maps of different categories);
- presentations (Prezi, Canva, Slidescarnival, Slidesmania – various templates for creation of interactive presentations);
- materials (Padlet, Wakelet, Miro – presentation of material in the interactive form (audio, video, images, web content, etc.);
- interactive whiteboards (Nearpod, Wizer.me, Thinglink, Popplet, Lino – content on posters).

Thus, the activation, intensification and combination of educational and information technologies of distance learning promote motivation and effective implementation of the process of professionally oriented foreign language training of future specialists in applied mechanics.

References:

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