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THE USE OF AUTHENTIC ENGLISH-LANGUAGE SCIENTIFIC AND TECHNICAL TEXTS AS A WAY TO ACTIVATE THE EDUCATIONAL PROCESS

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Today, one of the most important problems is the activation of educational and cognitive activity and increasing the level of motivation of students to learn a foreign language. A huge role in this process is played by the use of active learning methods and forms at practical classes. The use of active learning forms in the higher education system contributes to the formation of students' not only cognitive, but also professional motives and interests; education of a specialist's thinking; giving a holistic view of professional activity and its large fragments; formation of social skills and skills of interaction and communication, individual and joint decision-making [2, p. 58]. The main form of educational activity is the active communication of the teacher with students and students among themselves. Training aimed at activating the activities of students should be carried out at a high level of involvement of the teacher and students in the educational process. All modern active methods and forms applying at practical classes allow us to strengthen the role of the teacher's personality in the educational process, providing him with a field for creativity. The internal condition of the activity is the need that directs and regulates the activity. The internal incentive for reading authentic English-language scientific and technical texts is the communicative and cognitive need of the student. This need for students is realized by reading articles in journals that are created by the countries of the language being studied.

Teaching English using authentic scientific and technical texts allows you to implement both language and scientific and technical problems of education. Adhering to this approach, the teacher actualizes the personal positions of students in relation to scientific and technical problems, helps students to become more aware of themselves. Using scientific and

technical texts in practical classes, the effectiveness of training increases, the internal motivation of the student grows.

The textbook “English for Automated Electric Drives”, developed on the basis of authentic English-language scientific and technical texts, allows you to systematize students’ knowledge on the proposed topic, enrich the vocabulary of learners, as well as form speech skills and develop speech skills on this topic, introduce them into speech practice and increase the effectiveness of training due to the two-way organization of the educational process, which is achieved through professionally oriented foreign language communication of students in vital situations of professional activity.

Each section of the textbook includes Switch on (introduction to the topic in the form of problem questions), Vocabulary (lexical tasks for systematization and activation of the thematic dictionary), Reading (authentic texts with tasks for various types of reading and control of reading comprehension), Grammar (grammatical material with a number of exercises) and Speaking (exercises for developing oral speech skills in professionally oriented communication situations) [1].

Active involvement of students in the exchange of information, activation of the educational process is achieved through collective interaction. In the process of studying scientific and technical texts, students will be able not only to learn the transfer of distinctive features in translation, but also to update and strengthen their positions in relation to scientific and technical problems.

The main form of work after classes is independent work of students on the study of scientific and technical texts. Students develop the ability to search for and select articles of a certain topic, identify the main and secondary, offer questions for discussion, and prepare reports and presentations in accordance with a given topic. The combination of various active learning methods and forms contributes to the formation and systematization of solid and practically significant knowledge of scientific and technical orientation in a foreign language.

References

1. Vanik, I. Yu. English for Automated Electric Drives / I. Yu. Vanik, O. A. Lapko. – Minsk : BNTU, 2020. – 109 p.
2. Verbitsky, A. A. Active learning in higher education: a contextual approach / A. A. Verbitsky. – M., 1991. – 207 p.