



## **USING CONTEMPORARY TECHNOLOGIES TO TEACH TECHNICAL DISCIPLINE STUDENTS VOCABULARY IN ENGLISH**

Turaboeva Komila Eshmakhmatovna

A Teacher of “Foreign Languages” Department of  
Karshi State Technical University, Uzbekistan

### **Abstract**

The goal of contemporary English vocabulary teaching methods for technical university students is to enhance and maximize their acquisition of specialized and technical terminology. Students at technical universities need to be able to employ professional terminology in a variety of languages, particularly English, given the globalization and the speed at which science and technology are developing. This task can be completed more successfully with the aid of modern technologies. These technologies' primary benefits include the usage of interactive webinars and online courses, corpus technologies and text analysis, games in the classroom, digital educational platforms, multimedia resources, and artificial intelligence technology. By incorporating these tools into the classroom, students become more motivated, learning is tailored to meet their needs, and the process of learning technical jargon is greatly accelerated.

**Keywords:** Technologies, professional terminology, motivation, technical subjects, communication, comprehension, interpretation, competence-based approach, Internet technologies.

### **Introduction**

Foreign language proficiency is becoming a significant competitive advantage in Uzbekistan, particularly for students pursuing technical subjects, as a result of globalization and the integration of scientific and technological processes. The development of lexical competence, which includes the capacity to accurately and appropriately employ technical terms in a foreign language, is a crucial component of training such specialists. This skill is essential for comprehending and producing technical paperwork, working with scientific papers, and taking part in foreign



initiatives, in addition to being required for efficient communication in multinational work teams.

Technology allows for more experimentation with pedagogy and instant feedback. Modern technologies allow students to become more active participants in the educational process, and teachers to create new approaches, methods, models of teaching and education.

### **Discussions and technologies**

Strong links between words and mental and practical activities guarantee the successful development of various lexical skills. The following factors determine if such a relationship exists:

- A relatively high level of awareness is necessary for lexical skills;
- Sadly, lexical rules only apply to a limited set of words; and
- The learner must use a great deal of mental, emotional, and volitional energy to rationally memorize a large number of words that are frequently not subject to grouping.

The efficiency of teaching vocabulary can be greatly increased by utilizing contemporary technology, including online platforms, electronic resources, learning applications, and information and communication tools. These technologies' integration into the educational process creates new chances to raise the standard of instruction while increasing its adaptability and accessibility. Digital technology, in particular, make it possible to design individualized learning paths that give students easy access to resources, interactive activities, and immediate feedback.

One urgent issue is the employment of contemporary technologies to teach language to students in technical fields. Professional vocabulary development, better comprehension and active use of technical words, and enhancing students' capacity for successful foreign language communication in a professional context should all be the goals of these technologies. Since mastery of specialized vocabulary is required for effective career development and involvement in international scientific and technical projects, the development of lexical competence in students of technical disciplines is an important part of the educational process in universities. Lexical competence encompasses the capacity



to apply certain terminology in various settings in addition to knowing and using fundamental vocabulary.

The issues and characteristics of helping technical students build their lexical competence are examined in this section of the study.

The capacities to comprehend, retains, and appropriately employ words and expressions in both written and spoken language is known as lexical competence. It is a prerequisite for successful communication and an essential component of communicative ability. Understanding word meanings, recognizing word meanings in various contexts, including figurative meanings, producing speech, selecting appropriate words to convey ideas according to the situation, genre, and context, using vocabulary grammatically, comprehending how words combine with one another (e.g., verb + preposition: depend on), and using words pragmatically are all components of lexical competence, the capacity to speak in a formal or informal manner while using language suitable for the social setting.

A high degree of linguistic skill in a variety of circumstances, successful communication, and comprehension and interpretation of information are all made possible by developed lexical competence. In the process of teaching English at a technical university, the following are some of the most pertinent technologies that address the contemporary issues of higher education: The project method seeks to improve students' motivation, independence, and interest in the language they are learning. It is founded on a competence-based approach to teaching professional and conversational English. Using case study technology, a particular commercial or educational scenario is analyzed in English. This technology is built on the competence-based approach. -The competence-based method is used in the second and third training stages of the debate technology. Reviewing and upgrading the content covered might be the goal of training within this technological framework. The following are the primary issues that educators and learners encounter when teaching technical vocabulary: low proficiency in the language. It is challenging for many technical university students to acquire the specialized vocabulary required for comprehending professional books and conversing on professional subjects because they lack appropriate foreign language proficiency. the intricacy of technical terms. Particularly when two languages collide (as in technical and natural science), technical vocabulary frequently contains a large number of specialized terms and concepts that can be challenging to comprehend and acquire.



Because of this, teaching vocabulary becomes a more intricate process that calls for the fusion of cognitive and lexical abilities. Absence of methodical instruction. Technical terminology is occasionally taught in a disjointed fashion without considering the particulars of the pupils' future professional endeavors.

From the perspective of methodologists, Internet technologies—which include computer technologies as a component—represent a collection of the best practices for utilizing a variety of Internet resources to improve students' oral and written communication skills. These resources include multimedia presentations, educational videos, digital applications, electronic textbooks, and electronic simulators. Additionally, the development of increasingly advanced methods of student assessment and evaluation has been made necessary by modern educational technologies. Gaming, computer program, and Internet technologies are examples of novel types of knowledge evaluation that are utilized in addition to more conventional methods of assessment (testing, tests, interviews, conversations, and essay writing). digital and interactive technology. Mobile applications and e-learning have been widely utilized in vocabulary instruction in recent years. Students can acquire technical vocabulary in an easy-to-access format with programs like Quizlet, Anki, and Memorize, as well as online learning platforms like Coursera and edX. These programs systematize knowledge and aid in its reinforcement through flashcards and repetition. Students are encouraged to do crossword puzzles to expand their vocabulary. These days, extremely interactive online crossword puzzles with electronic chores, suggestions, and answer checking can be created using computer applications.

### **Conclusion:**

The use of modern technologies for teaching vocabulary to students of engineering disciplines in English is very important, and we as teachers of foreign languages have to use more modern technologies to improve the knowledge of our students, to improve the quality of lessons and to respectively correspond to the date of study. The development and application of instructional resources centered on certain technological fields is a crucial first step. Examples of actual professional texts (e.g., technical reports, directions, scientific papers) can be found in technical dictionaries, textbooks, and manuals. These resources help students better grasp



certain vocabulary by allowing them to become familiar with authentic professional texts in addition to learning new words.

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