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MODERN METHODS OF TEACHING ENGLISH FOR STUDENTS OF TECHNICAL UNIVERSITIES

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Annotation: This article explores contemporary pedagogical approaches to English language instruction tailored to the needs of technical university students. In a globalized and technology-driven world, effective English communication skills are vital for success in technical fields.

Key words: content-based instruction, project-based learning, blended learning, flipped classroom, peer learning and ccollaboration.

Introduction

In today's globalized world, the ability to communicate effectively in English is crucial for technical university students. English is not only the language of international business and diplomacy but also the lingua franca of the technological and scientific communities. As such, educators have adapted their teaching methods to meet the specific needs of technical university students. In this article, we will explore some of the modern methods of teaching English for technical university students.

Content-Based Instruction

One of the most effective methods for teaching English to technical university students is content-based instruction (CBI). This approach integrates language learning with subject matter content. In technical fields, CBI can involve teaching English through technical articles, research papers, or lectures on engineering, computer science, or other related subjects. This not only enhances language skills but also prepares students to engage in academic and professional discourse in their respective fields [1, 78] For instance, in an electrical engineering class, students analyze technical articles on renewable energy sources written in English. They discuss the articles, summarizing the main points and key findings in English to improve their language and technical comprehension.

Project-Based Learning

Project-based learning (PBL) is another modern method that works well for technical students learning English. In this approach, students work on real-world projects, which involve tasks such as conducting research, creating reports, and giving presentations, all in English. [2,170] PBL not only improves language skills but also fosters critical thinking, problem-solving, and teamwork, which are essential skills for technical professionals. For example, computer science students are given a project to develop a software application. They must document their progress, write reports, and present their project in English. This hands-on approach allows them to learn technical language in the context of their work

Blended Learning

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Blended learning combines traditional classroom instruction with online resources and tools. Technical university students can benefit from this method by accessing a wide range of digital resources, including interactive language apps, online courses, and virtual language labs. These resources offer students the flexibility to practice English at their own pace and reinforce what they learn in the classroom. Students in a chemical engineering program have access to an online platform with interactive English lessons and exercises. They can practice listening, speaking, reading, and writing skills at their own convenience, with the option to receive instant feedback.

Flipped Classroom

The flipped classroom model reverses the traditional teaching approach. In this method, students study course materials at home through videos, readings, or online modules before attending the class. Classroom time is then dedicated to discussions, activities, and interactive exercises. This approach allows technical students to focus on practical language application during class sessions and receive immediate feedback from their instructors. [4,256]

Peer Learning and Collaboration

Collaborative learning is an effective way to improve English proficiency, especially for technical students. Encouraging peer-to-peer interactions and group projects can enhance language skills and help students learn from one another. Collaborative assignments foster communication and teamwork, preparing students for future collaborative projects in their professional lives. In a mechanical engineering class, students are divided into small groups to work on a design project. They discuss project ideas, create design proposals, and make presentations in English. Collaborative feedback and peer evaluation help them improve their language and teamwork skills.

Conclusion

Modern methods of teaching English for technical university students aim to make language learning practical, relevant, and engaging. These methods, such as content-based instruction, project-based learning, blended learning, the flipped classroom, ESP, and collaborative learning, are designed to equip technical students with the language skills they need to succeed in their academic and professional endeavors. As the world becomes increasingly interconnected, the ability to communicate effectively in English remains an invaluable asset for students pursuing technical careers.

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TECHNOLOGY IS AN IMPORTANT PART OF THE EVERYDAY LIFE OF MAN IN SOCIETY

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Abstract: It is clear that "education, science, research and innovation, information and digitization to be essential pillars of the knowledge-based society and economy". This statement also indicated support for strengthening of education focused on natural sciences and engineering. One of its main preconditions would be innovation of educational programs at different levels of the educational system in accordance with the requirements of pedagogical practice and in line with current needs of the labour market.

Key words: education, technical education, secondary school, educational standards, technology, labour market and technical education system.

Although not each of us is directly involved in production of technologies and production of technical products and equipment, everyday interaction with technology is unavoidable, whether as a consumer or user. This implies a clear conclusion that every human should be ready for the interaction with technology.

Therefore, we hold an opinion that technical education should become part of general education of each person and should start from an early age – at primary school. Primary schools should become the place where the young start to become aware and to perceive the world of technology which will accompany them in their future lives.

Why is it necessary to teach technical subjects?

The subjects Technology and Work Education are taught at primary schools, aimed at providing pupils with knowledge and skills in the technical area. They are the subjects which give teachers space to equip pupils with the skills in a creative school environment [1]. The subjects have integrated character. With proper teaching, they lead to the understanding of the link between theoretical subjects and technical products, found in real life. They are characterized by strong interdisciplinary bindings, connected to the history, science, biology, physics, mathematics and other areas.

The technical subjects support and develop creative thinking. In the teaching of these subjects, information-communication technologies may be maximally utilized and applied.

As an important part of human culture, technology has always been closely connected with the creative people's work activities. Man was, is and will be the main initiator of any technological innovations and changes that ever more intensively enter the professional and private lives of adults and children as well, and thus will always influence their attitudes, values, mental and physical health and lifestyle.

Evolution is significantly influenced by technological progress, which creates technically trained and educated individuals. Applying technical knowledge in practice