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# **SCIENTIFIC ACHIEVEMENTS OF CONTEMPORARY SOCIETY**

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 FUTURE CIVIL ENGINEERS

# **PEDAGOGICAL SCIENCES**

**УДК [378.091.3.016:811.111]**

## **INNOVATIVE APPROACHES TO THE USE OF SPECIALIZED ENGINEERING WEBSITES FOR THE DEVELOPMENT OF FOREIGN LANGUAGE PROFESSIONAL COMPETENCE OF FUTURE CIVIL ENGINEERS**

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The internationalization of education requires modern civil engineers to be able to work with professional materials in English. Specialized engineering websites, which bring together experts from all over the world, have become an important tool for enhancing foreign language competence. They provide opportunities for discussing current technical solutions, exchanging experiences, and involving students in real cases in the field of construction. As S. Bovill [1, p. 1026] notes, involving students in the co-creation of educational content and in the learning process is crucial for improving their learning motivation and understanding of the practical aspects of the profession. Thus, specialized websites can become an effective platform for developing language competence and providing practical experience, which is valuable for the professional growth of engineers.

Specialized engineering websites such as Engineering.com, Construction Dive, and Build.com offer students and professionals platforms for sharing information on the latest technologies, construction trends, and consultations with experienced engineers. Additionally, these sites serve as a rich source of authentic materials, allowing students to master engineering terminology and better understand

professional vocabulary.

The main approaches to using specialized websites in training future civil engineers include:

1. *Analysis of thematic articles and research.* Students can select articles on topics that align with their professional interests and analyze them. This helps expand their vocabulary and develop skills in academic analysis [2, p. 97].

2. *Use of interactive forums and blogs.* Websites often feature blogs and forums where real engineering challenges are discussed. Participating in these discussions not only develops foreign language competence but also enhances practical problem-solving skills.

3. *Working on real-life cases.* Many sites provide opportunities to study specific cases and projects. Analyzing such materials gives students insights into real construction processes and practical solutions to related challenges.

4. *Collaboration with foreign colleagues through information-sharing platforms.* Using sites for international collaboration, such as LinkedIn or specialized engineering networks, helps students engage with global professional communities.

5. *Organizing materials into a personal portfolio.* Collecting and systematizing the reviewed materials in a personal portfolio supports long-term knowledge retention and enhances professional competence.

The use of engineering websites to develop foreign language competence offers several advantages:

- specialized websites reflect current realities in the engineering field, allowing students to stay informed about modern trends and construction technologies

- working with authentic English-language sources enables students to familiarize themselves with professional terminology and expressions used in English-speaking countries;

- understanding that English is essential for their future career increases students' motivation to engage more actively in language learning.

- studying and analyzing specialized materials promotes critical thinking and analytical skills.

Thus, engineering websites are an effective tool for developing the foreign language professional competence of future construction engineers. They offer students modern methods for learning technical vocabulary, interacting with industry professionals, and staying up-to-date on key construction issues at an international level. Integrating innovative approaches into the educational process enhances the training of future engineers, preparing them to work in a globalized environment and adapt to the rapid development of engineering science and technology.

### **LIST OF REFERENCES**

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