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THE IMPORTANCE OF USING INTERACTIVE TEACHING METHODS IN DEVELOPING PRACTICAL COMPETENCES OF CONSTRUCTION STUDENTS

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ABSTRACT:

This article discusses the role of interactive teaching methods in the formation and development of practical competence of students of construction education. The effectiveness of modern pedagogical approaches in strengthening practical skills is analyzed and recommendations are made for the use of innovative methods in the teaching process.

Keywords: Interactive methods, construction education, practical competence, innovative technologies, quality of education

INTRODUCTION

The Concept of the Development of the Higher Education System until 2030 of the President of the Republic of Uzbekistan No. PF-5847 dated October 8, 2019 was developed in order to improve the quality of education, train competitive personnel, effectively organize scientific and innovative activities, and develop international cooperation based on the needs of the higher education system, social and economic sectors, ensuring a strong integration of science, education, and production, as well as in accordance with the implementation of the Resolution of the President of the Republic of Uzbekistan No. PQ-4391 dated July 11, 2019 “On measures to introduce new principles of management in the system of higher and secondary specialized education.”

Today, the training of competitive, qualified and practical personnel in the field of education is of great importance. Especially for students studying in the construction sector, the need to form practical experience and competencies along with theoretical knowledge is increasing day by day. From this point of view, strengthening students' activity through the use of interactive teaching methods, developing their independent thinking and practical solution-finding skills is one of the urgent issues.

It is to equip students not only with theoretical knowledge, but also with practical skills. This issue is especially relevant in technically and practically complex areas such as the construction industry. If students of the construction education field do not have practical competencies, they will not be able to succeed in real projects, construction processes and engineering activities.

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Therefore, the application of interactive teaching methods in the educational process is an important tool in the formation of students' knowledge, skills and qualifications.

The use of interactive teaching methods in educational processes is one of the main tools for improving students' knowledge. Interactive methods increase the level of communication between students and the teacher and allow students to apply their knowledge in practical processes. Interactive teaching methods accelerate the process of mastering information related to the subject. Also, practical competence is the student's ability to apply the acquired knowledge and skills in real work. The construction industry includes technical skills, design, occupational safety rules, the correct selection of building materials, and the preparation of estimates. These skills can be effectively taught not through theoretical lessons, but through practical exercises and interactive methods.

Advantages of interactive methods:

- Increases student engagement in class.
- Develops independent thinking and problem-solving skills.
- Helps to learn practical knowledge through real-life situations.
- Develops teamwork, communication, and leadership skills.

In higher education institutions, high efficiency can be achieved by using the "Project-based learning" method in the field of construction. For example, students are assigned to develop a project for a residential building. In this process, they learn about architecture, construction, costing, environmental safety, and other practical aspects.

Project-based learning is a teaching method that organizes learning through working on a project based on a real-world problem on a specific topic. Students work independently or in groups, identify the purpose of the project, collect data, develop solutions, and prepare a final product (report, model, presentation).

By using the "Project Based Learning" method in teaching processes, we can achieve the following results:

- Students learn to apply theoretical knowledge in practical activities.
- Teamwork and social communication skills are developed.
- A sense of responsibility, time management, and independent decision-making skills are enhanced.
- Lessons will be interesting, meaningful, and goal-oriented for students.
- Every student will have the opportunity to showcase their talent.

The teacher participates in this process as a guide and mentor. He or she guides the students in choosing a problem, provides the necessary resources, and directs them in the activities of analysis, reflection, and synthesis. Importantly, the teacher focuses on the process rather than the outcome.

CONCLUSION

In conclusion, it can be said that as the development of our country is rapidly developing, providing quality education to the younger generation and forming their knowledge in accordance with international standards requires high responsibility from teachers. The application of modern teaching methods in the teaching process increases the activity of

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students, encourages them to independent research and serves to form practical competencies. Interactive methods fully comply with the important principles of modern education and ensure that students acquire deep and solid knowledge. Therefore, it is advisable to widely use interactive teaching methods in various disciplines, especially in technical, practical and creative areas.

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