THE USE OF BLENDED LEARNING TECHNOLOGIES IN TEACHING THE SUBJECT "THEORY AND METHODOLOGY OF PHYSICAL CULTURE"

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Abstract. This article discusses the importance of blended learning technologies in teaching the subject "Theory and Methodology of Physical Culture." The study highlights the role of modern pedagogical technologies, digital educational tools, and innovative teaching approaches in improving the quality of education and enhancing students' professional competencies. Blended learning combines traditional face-to-face instruction with online learning environments, creating flexible and effective opportunities for students' academic and practical development. The article also analyzes the advantages, challenges, and pedagogical significance of implementing blended learning technologies in physical culture education.

Keywords: blended learning, physical culture, educational technologies, digital education, innovative pedagogy, online learning, teaching methodology, physical education.

Introduction

In recent years, rapid technological development and the digital transformation of education have significantly influenced the teaching and learning process in higher educational institutions. Modern education requires innovative approaches that can improve students' learning outcomes, increase motivation, and develop professional competencies. In this context, blended learning technology has become one of the most effective educational approaches.

The subject "Theory and Methodology of Physical Culture" plays an important role in preparing future physical education teachers and sports specialists. This discipline provides students with theoretical knowledge about physical training, sports pedagogy, health promotion, and methods of organizing physical education activities. However, traditional teaching methods alone are often insufficient for meeting the educational demands of modern students. Therefore, integrating blended learning technologies into the teaching process is becoming increasingly important.

Blended learning is a combination of traditional classroom instruction and online learning activities. This approach allows students to access educational materials through digital platforms while maintaining direct communication with instructors during practical and theoretical lessons. The integration of digital technologies into physical culture education creates new opportunities for interactive learning, independent study, and practical skill development.

Theoretical Foundations of Blended Learning

Blended learning is considered a modern pedagogical model that combines the advantages of face-to-face education and e-learning. Researchers define blended learning as an educational system in which classroom teaching is supported by digital technologies, online resources, and virtual communication tools. The primary objective of blended learning is to create a student-centered educational environment that promotes flexibility, collaboration, and active participation.

The theoretical basis of blended learning is closely connected with constructivist learning theory. According to this theory, students actively construct knowledge through interaction, independent learning, and practical experience. In physical culture education, blended learning enables students to engage with theoretical concepts through online resources while simultaneously developing practical skills during classroom and sports activities.

Blended learning also supports competency-based education. It helps students acquire not only theoretical knowledge but also practical competencies such as communication skills, teamwork, critical thinking, and digital literacy. These competencies are essential for future physical education teachers who must adapt to modern educational technologies and changing pedagogical environments.

The Role of Digital Technologies in Physical Culture Education

Digital technologies play a significant role in implementing blended learning in the subject "Theory and Methodology of Physical Culture." Modern educational platforms, multimedia resources, and online communication tools improve the accessibility and effectiveness of teaching materials.

One of the most important advantages of digital technologies is the opportunity to present educational content in interactive forms. Video lectures, animations, presentations, and virtual demonstrations help students better understand theoretical concepts related to sports science, exercise techniques, and teaching methodologies. For example, students can analyze sports movements and physical exercises through video analysis software, which improves their understanding of correct techniques and biomechanics.

Learning management systems such as Moodle, Google Classroom, and Microsoft Teams provide opportunities for distributing educational materials, organizing assignments, conducting assessments, and maintaining communication between teachers and students. Through these platforms, students can access lecture notes, participate in online discussions, complete quizzes, and submit assignments remotely.

In addition, mobile applications and fitness technologies have become valuable tools in physical culture education. Applications related to health monitoring, physical activity tracking, and sports performance analysis enable students to connect theoretical knowledge with practical experiences. Such technologies encourage students to engage actively in learning and self-improvement.

The use of blended learning technologies in teaching "Theory and Methodology of Physical Culture" offers numerous pedagogical advantages. First, blended learning increases

students' motivation and engagement. Digital tools and interactive activities make the learning process more interesting and dynamic, encouraging students to participate actively in educational activities.

Second, blended learning supports individualized instruction. Students can study theoretical materials at their own pace, review difficult topics multiple times, and access additional learning resources independently. This flexibility is especially important for students with different learning styles and academic abilities.

Another important advantage is the improvement of independent learning skills. Online educational environments encourage students to manage their time effectively, conduct independent research, and take responsibility for their own learning process. These skills are essential for future professionals in the field of physical education.

Blended learning also improves communication and collaboration among students. Online forums, group projects, and virtual discussions create opportunities for exchanging ideas and solving problems collaboratively. Such activities develop teamwork and communication competencies that are necessary for professional teaching practice.

Furthermore, blended learning enhances the efficiency of practical lessons. Since theoretical materials can be studied online before class, classroom time can be devoted to practical activities, sports exercises, and methodological training. This approach increases the effectiveness of physical education lessons and improves students' practical competencies.

Despite its numerous advantages, the implementation of blended learning technologies in physical culture education also presents certain challenges. One of the major problems is the lack of technological infrastructure in some educational institutions. Limited access to computers, internet connectivity, and digital devices may reduce the effectiveness of online learning activities.

Another challenge is the insufficient digital competence of some teachers and students. Effective blended learning requires the ability to use digital platforms, multimedia tools, and online communication technologies. Therefore, teachers need continuous professional development and training in educational technologies.

Student motivation and self-discipline may also become problematic in online learning environments. Some students may experience difficulties in managing their time and completing assignments independently. Consequently, instructors must provide regular guidance, feedback, and motivational support.

In addition, practical physical education activities cannot be fully replaced by online instruction. Physical culture education requires direct participation in sports exercises, movement demonstrations, and physical training sessions. Therefore, blended learning should maintain a balanced combination of online theoretical instruction and face-to-face practical activities.

Pedagogical Significance of Blended Learning

The pedagogical significance of blended learning in physical culture education lies in its ability to modernize the educational process and improve learning outcomes. Blended

learning promotes active participation, critical thinking, creativity, and professional competence development. It transforms students from passive recipients of information into active participants in the learning process.

For future physical education teachers, blended learning provides opportunities to develop digital pedagogical competencies that are increasingly important in modern schools and universities. Teachers who can effectively integrate digital technologies into their teaching practice are better prepared to meet the demands of contemporary education.

Moreover, blended learning contributes to lifelong learning. By developing independent learning skills and digital literacy, students become more capable of continuous professional self-development throughout their careers.

In conclusion, blended learning technologies play a vital role in teaching the subject "Theory and Methodology of Physical Culture." The integration of traditional teaching methods with digital educational technologies improves the quality of education, increases students' motivation, and supports the development of professional competencies.

Blended learning creates flexible and interactive educational environments that encourage independent learning, collaboration, and practical skill development. Although certain challenges related to technological infrastructure and digital competence remain, the pedagogical benefits of blended learning significantly outweigh its limitations.

Therefore, higher educational institutions should continue expanding the use of blended learning technologies in physical culture education. The effective implementation of innovative teaching approaches will contribute to preparing highly qualified physical education teachers who can successfully work in modern educational environments.

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