

IMPROVEMENT OF TRAINING EFFICIENCY ON THE BASIS OF INTERDISCIPLINARY INTEGRATION OF PROFESSIONAL TRAINING OF FUTURE ENGINEERS

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ABSTRACT

This article presents a discussion of research and development in the field of engineering education, with a particular focus on the enhancement of future students' learning through interdisciplinary integration. It describes various approaches to combining different subjects, such as mathematics, physics, and computer science, with the goal of developing complex skills and abilities in students. The paper proposes the integration of curriculum and practical assignments as a means of promoting deeper understanding of the material and developing creative thinking in engineering students. By integrating different disciplines, students can gain a better understanding of complex problems and develop the skills necessary to succeed in their field.

Keywords: Integrative approach, professional activity, innovative approach, interdisciplinary integration, modernization, improvement of professional competences.