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IMPROVING THE EDUCATIONAL PROCESS IN THE DISCIPLINE OF DESIGN THEORY OF FINE ARTS AND ENGINEERING GRAPHICS REQUIREMENTS

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Abstract
The article considers the issues of improving teaching within the framework of design theory, the use of integrated pedagogical methods and modern technologies, and the development of creative thinking. The importance of technical training and aesthetic approaches is emphasized.

Keywords: Design theory, teaching fine arts, engineering graphics, integrated pedagogical methods, modern technologies, creative thinking, technical training.

Annotation
V state rassmatrivayutsya voprosy sovershenstvovaniya obucheniya studentov v oblasti teorii dizayna, vklyuchaya integrirovannye pedagogicheskie metody, primenenie sovremennyx tekhnologii i razvitie tvorcheskogo mishleniya. Podcherknuty vajnost teknicheskoy podgotovki i esteticheskogo podkhoda v obuchenii.

Introduction

Today, improving the teaching process of design theory for students of fine arts and engineering graphics is of paramount importance. To increase the efficiency of the education system and develop students' creative thinking, pedagogical approaches, modern technologies, and integrated teaching methodologies are necessary, which help to further consolidate students' knowledge and skills by teaching the technical and aesthetic aspects of design together.

Design theory, in its essence, provides a connection between fine art and engineering graphics. This discipline teaches students not only technical knowledge, but also how to create drawings and graphics from an aesthetic point of view. Students are helped to understand the interrelationship by combining the basics of graphic design, technical drawings and aesthetic approaches. Paying special attention to each of them, using an integrated approach in the lesson, significantly increases the quality of education.

An integrated approach is the principle of studying the aesthetic and technical aspects of design together. For example, by studying the basic principles of graphic design and creating engineering graphics based on these principles, the student combines skills specific to both fields. This approach not only develops students' creative thinking, but also strengthens their technical knowledge. By combining the technical and aesthetic

aspects of graphic design, the student learns not only to create drawings accurately and correctly, but also to take into account their aesthetic and visual aspects.

The use of modern technologies in the educational process, especially the study of programs such as AutoCAD and 3D Studio Max, allows students to develop practical skills. With the help of these programs, the process of creating graphic design and engineering drawings becomes more interesting and effective for students. The capabilities of AutoCAD and 3D Studio Max programs allow students to master modern methods, apply technical knowledge in practice, and test their creative approaches in practice.

By using modern technologies, students acquire not only theoretical knowledge, but also practical skills. There are several ways to teach students technical skills. For example, when teaching computer programs, students learn how to use all the functions of the programs, how to create and edit drawings. This develops their technical and aesthetic skills.

The discipline of design theory aims to develop creative thinking in students. Developing creative thinking encourages students not only to express themselves, but also to create new ideas. Innovative approaches and integration into practice play an important role in this. Students can demonstrate their creative thinking in the fields of fine arts and engineering graphics. With the help of programs, students learn new methods of creating designs, adapt to changing technologies, and develop skills in creative problem solving.

Creative thinking is important not only in the implementation of artistic ideas, but also in solving technical problems in engineering. By developing creative thinking, the student is taught to solve not only the aesthetic aspects of design, but also its functional problems. This process, of course, increases the effectiveness of education and greatly helps students in mastering innovations.

The main issues taught during the design theory education process are:

1. Fundamentals of Graphic Design: Adapting visual art to engineering requirements, creating aesthetic values along with technical skills. The basic principles of graphic design are applied to students in creating drawings and graphics.
2. Technical Preparation: Creating and analyzing engineering drawings using drawing geometry. This process allows students to develop the technical skills necessary to create complex drawings.
3. Aesthetic Approach: Implementing aesthetic and functional alignment through drawings and graphics. The aesthetic aspects of graphic design develop students' creative thinking and encourage them to make drawings beautiful and effective.

Modern pedagogical methods, including integrated teaching methods, are aimed at providing students not only with theoretical knowledge, but also at developing practical skills. Modern technologies should be used to develop students' creative thinking, analytical approach, and technical problem-solving skills. Statistical data show that

through the use of integrated teaching methods, students have significantly increased their mastery indicators.

Improving the teaching process within the framework of design theory for students of fine arts and engineering graphics provides students with not only theoretical knowledge, but also practical skills. This, in turn, allows students to develop their creativity and technical skills. By using integrated approaches, the effectiveness of students' teaching increases and their knowledge in the fields of design and engineering graphics deepens. By using modern technologies and pedagogical methods, students are able to achieve successful results in solving complex problems with creative and technical approaches.

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