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TEACHING STUDENTS THE DESIGN REQUIREMENTS AND CHARACTERISTICS OF CLOTHING DESIGN

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ABSTRACT: This article highlights the theoretical and practical foundations of teaching students the design requirements and specific characteristics involved in the process of clothing design. It analyzes the aesthetic, ergonomic, hygienic, functional, and economic aspects of clothing design. The study also examines methods for developing students' creative thinking, artistic taste, and skills in creating designs that correspond to modern fashion trends. The article has methodological significance for general secondary schools, vocational institutions, and higher education establishments.

Keywords: clothing design, design process, aesthetic requirements, ergonomics, modeling, composition, functionality, educational process, creativity, fashion.

INTRODUCTION

In the era of globalization and rapid technological development, clothing has become not only an essential part of human life but also a means of expressing aesthetic views, social status, and cultural identity. Therefore, teaching students the fundamentals of clothing design is important not only for professional training but also for developing personal taste and creative thinking.

The field of clothing design has evolved historically and has now become an independent creative and technological discipline. Leading global fashion houses such as Gucci, Chanel, and Dior demonstrate high aesthetic and technological standards in garment design through their innovative approaches. Their experience can serve as an important model in design education.

When teaching clothing design, it is necessary to combine theoretical knowledge with practical training, including modeling, sketching, and working with fabrics.

THE CONCEPT AND SIGNIFICANCE OF CLOTHING DESIGN

Clothing design is the process of creating a new garment model based on human needs, aesthetic preferences, and functional requirements. The design process includes the following stages:

1. Development of an idea and concept
2. Sketching
3. Pattern making (construction)
4. Fabric selection
5. Sewing and final finishing

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Teaching these stages systematically helps form students' professional competencies. In particular, it is important to explain the laws of composition—proportion, rhythm, contrast, and symmetry—within the design process.

MAIN REQUIREMENTS FOR CLOTHING DESIGN

Several essential requirements in clothing design must be thoroughly explained to students.

1. Aesthetic Requirements

Aesthetic requirements include the garment's external appearance, color harmony, decorative elements, and overall artistic expression. Harmony of colors, unity of texture and form ensure attractiveness. Students should be taught the color wheel, warm and cool colors, contrast, and nuance through practical examples.

2. Ergonomic Requirements

Ergonomics refers to the garment's suitability to the human body and its comfort. Clothing should not restrict movement and must correspond to body measurements. Therefore, it is important to teach students the basics of anthropometry.

3. Hygienic Requirements

Clothing must not negatively affect human health. Natural fabrics such as cotton, linen, and wool are considered hygienically comfortable. Students should learn fabric properties and select them according to season and purpose.

4. Functional Requirements

A garment must fully perform its intended function. For example, sportswear must ensure freedom of movement, while school uniforms should provide neatness and comfort.

5. Economic Requirements

In garment production, material consumption, cost price, and market demand must be considered. Teaching students rational use of resources is essential.

METHODS OF TEACHING CLOTHING DESIGN

The following methods are considered effective in the educational process:

- **Project-based learning** — students independently develop a clothing model.
- **Practical training** — sketching and working with fabrics.
- **Interactive methods** — group work, presentations, discussions.
- **Use of ICT** — creating designs through computer graphic programs.

Modern design education widely applies digital technologies. For example, 3D modeling programs allow garments to be evaluated virtually before production.

In the context of Uzbekistan, combining national traditions with modern trends is particularly important in clothing design. Traditional fabrics and decorative elements such as atlas, adras, and suzani embroidery can be harmoniously integrated with contemporary forms to create unique design solutions.

Teaching students to study national heritage and integrate it with modern fashion trends contributes to the development of creative thinking.

The clothing design process helps develop the following qualities in students:

- Creative thinking
- Independent decision-making

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- Aesthetic taste
- Technological literacy
- Teamwork skills

Teachers should encourage students to think freely and support innovative ideas. Considering each student's individual abilities increases the effectiveness of education.

CONCLUSION

Teaching students the design requirements and characteristics of clothing design is one of the important directions of modern education. Systematic instruction in the stages of the design process forms professional competencies while simultaneously developing creative thinking, aesthetic taste, and independent reasoning skills.

In particular, explaining the laws of composition—proportion, rhythm, contrast, and symmetry—and integrating theory with practice significantly enhance the effectiveness of the educational process.

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