



## Distance-Online Education In The Study Of The Course "Fundamentals Of Projecting Clothing Design Products»

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### ABSTRACT

In the article are studied the development of the distance (online) education system in Uzbekistan, its shortcomings, programs, the development and importance of the online education system abroad. The importance of online education in the study of the subject "Basics of projecting costume design" is described.

### KEYWORDS

Distance education, online education, educational programs, online service, management systems, digitalization, digital literacy, infrastructure, distance form.

### INTRODUCTION

The civilized education system in developed countries, especially external education, has been going on over the past twenty years with varying success. The leader in the field is the United States, where by the fall of 2018 more

than three million students were registered to study online and an additional 3.5 million students had at least one of their subjects completely remote during the pandemic. A large-scale experiment took place, when all

levels of education for a certain period tried to facilitate the process of learning with the support of technology.

Uzbekistan, along with the countries of Europe and Africa, has launched distance lessons on national television.

Public and private universities have had to use the following management systems as well as Moodle, eClass, Google Classroom, and conference call platforms.

1. In this process, the process of digitalization has accelerated. The online course survey increased by 62%.
2. Educational platforms are being stimulated to develop courses that meet modern requirements.
3. The level of online services has risen, such as Coursera, which have gained the trust of customers.

The obvious advantage in this system of education is the realization that the process of learning and developing skills, uninterrupted with this education process does not stop, but continues depending on the needs.

But in this process there are certain disadvantages, then a lot of time and freedom are provided to students. Another disadvantage is the lack of socialization of students among themselves, with the teacher and other participants in the learning process. This is especially true for students at the preschool, primary, and secondary educations. Another disadvantage in the context of Uzbekistan is access to technology and high-speed Internet.

### **MATERIALS AND METHODS**

The development strategy of Uzbekistan until 2035 states that online education will become one of the areas of development. Large human

and material resources will be required to ensure successful integration.

But achieving this initiative may face challenges such as:

- Infrastructure;
- Access;
- Digital literacy;
- Lack of specialists.

The main problem is electricity and the Internet, then uneven access to online resources. 12-15% of the population lives in poverty and cannot afford to pay for the Internet, in addition, there is a shortage of personnel.

Online education is a logical evolution of the industry, types of digitalization of all systems of human life.

The distant form makes it possible to acquire knowledge, minimizing the urgent need for university attendance, spending money and time, therefore anyone who has a desire can become a specialist.

Foreign universities provide the opportunity to flexibly build the content and schedule of training. Distance higher education programs abroad offer the following formats:

- By attendance;
- By training time;

Distance education abroad is organized in the following way:

1. Independent work.
2. Participation in lectures and seminars via videoconference.
3. Online + full-time attendance of classes in the evenings.
4. Distance exams, certification, defense.

For adults working people, distance learning is often the only acceptable option for professional development.

The homeland and leader of distance learning abroad is Great Britain. The official term e-learning appeared in 1999. To master the material, the daily activity of students are necessary.

## RESULT AND DISCUSSION

Specialists, students, and interested in private entrepreneurs can study the course "Designing garments" using the online method. The study of subjects requires knowledge of the course "Materials Science", "Technology of sewing products", "History of Costume", "Design History", "Anthropology" and others.

There are 5 stages of designing clothes:

1. Technical specifications.
2. Technical subjects.
3. Draft design.
4. Technical projecting design.
5. Working draft.

The design of sewing products is a complicated complex process of structural transformation of the material from which the future product is designed with the necessary set of properties that ensure the performance of certain functions with the greatest efficiency and economy.

The range of materials used in the manufacture of clothing is large and diverse. These are primarily textile materials based on textile fibers - fabrics, knitwear, non-woven materials and non-textile materials, natural and artificial fur, suede, stitched and complex materials. All these materials have their own specific structure and possessions inherent only to

them, which require the study of properties when developing the design of the products. Constructive logic, forms, structures reflect tectonics, since the form does not exist outside of connection with the material and design of the product. It is the tectonicity of the solution, also the consistency of the shape of the structure, the methods of shaping that make it possible to ensure high quality indicators of the designed product.

Clothing in the variety of its forms is a cover to one degree or another following a figure to a certain extent, that is, tectonics. The volumetric-spatial structure leads to a violation of its compositional coherence and harmony.

When studying this subject, you need to get the idea the following characteristics:

- Projecting goals and objectives;
- Basic requirement for artistic projecting;
- The main stages projecting methods of design;
- Types of silhouettes;
- The concept of illusion;
- Projecting principles;
- Optical properties of materials and their role in projecting;

The study of these parameters is unavoidable when projecting clothing products.

Students studying this course should comprehend the types of figures and their diversities from each other, since there are no identical people. With the cooperation of computer technologies, taking into account the nuances of the figures, it is possible to project a particular product, taking into account all the factors. An equally crucial role is played by such a factor as an illusion, with the help of which, when projecting products, it is presumable to hide shape defects.

A tremendous role in this process is played by the type, color, ornament, direction of lines,

dimensions, optical properties of the material. Probably the selected material will be responsible for a virtual increase, decrease in size and inconsistency with the task. A proportionately significant capacity is acted by the color and optical properties of the material. The correct favorite and consideration of properties will be allowed to create a fascinating, comfortable production that meets its requirements.

Online education contributes to the development of independent education based on textbooks, methodological guidelines, and rich educational materials.

### CONCLUSION

Education, including higher education, reads a part of a leading position in improving the quality of life of people and countries.

The global practice of the spreading online education and the recent trends testify to the post of this wave in the field of personnel training, solving socio-economic obstacles, including in Uzbekistan. At the same time, the cost of online education is increasing, and classroom learning values are decreasing.

Prices for classroom education in the United States in the period 1989-2016 increased 8 times. According to World Bank's research, "Education" is the strongest tool for solving poverty complications, increasing employment and health, ensuring peace and stability.

A large number of graduates do not work in their specialty, which indicates the issues in the field of higher education. In these conditions, the introduction of online education provides an opportunity to solve these difficulties.

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