EUROPEAN JOURNAL OF LIFE SAFETY AND STABILITY (EJLSS)
ISSN 2660-9630
www.ejlss.indexedresearch.org Volume 9, 2021 ||

The Role and Tasks of Graphic Information in the Activities of Arts, Designers and Architects

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Abstract: *The process of implementation and improvement of the "National Training Program" of the Republic of Uzbekistan has begun. This process requires a revision of educational standards and modernization through the use of information technology. Training of architects, art critics, design specialists consists of three logics, which are connected with the process of transition of our country to a market economy.*

Key words: *Multivariate computer, Enriching the logical foundations, foundations*

Date of Submission: 05-10-2021 ***Date Of Acceptance: 13-11-2021***

Introduction

The doing of implementation and improvement of the "National Training Program" of the Republic of Uzbekistan has begun. This process requires a revision of educational standards and modernization through the use of information technology. Training of architects, art critics, design specialists consists of three logics, which are connected with the process of transition of our country to a market economy.

- Create multivariate computer graphics information from an old single-variant project;
- Development of methods of logical geometric development of spatial imagination of young people;
- Enriching the logical foundations of art with new graphic information;
- It will be necessary to standardize the logical basis of architectural design, certification, licensing, unification, foundations, creation of information technology of beauty criteria. This pamphlet provides a model of the process that integrates graphic geometry, computer graphics, and computer design sciences, and teaches students to think logically, which helps to increase their spatial imagination.

Materials

This process includes:

- Assessment and grouping of students' basic knowledge;
- Groups are formed as follows:
- Involvement in design circles;
- Collect graphic information from the Internet;

- Processing of additional graphic information;
- Take additional preparatory classes.

In order to determine the level of mastery of students in these areas, it is necessary to create working charts for science in practical classes. Through these graphical databases, students' knowledge is assessed on a current basis. A group of gifted students will be formed. An Olympic team will be formed with more than 50 sets of issues.

Because students have different levels of elementary education, additional independent graphic work classes are organized at the bottom of the groups.

Through the distribution of graphic information, methodical manuals, recommendations created by teachers of the department, a design group is formed from students of architecture, art, design groups, and assignments are given to collect additional graphical database.

Methods

Specialists adapted to the conditions of a market economy should have the following knowledge:

- Ability to create competitive projects;
- Ability to prepare modern advertisements and collect graphic information;
- Ability to perform new design and art works based on national craft laws;

The goal is to teach students the ability to collect graphic information on the basis that "no illustrator can write without knowing the geometry." Restoration of national values of future architects, art critics, design specialists, study and application of past scientific achievements is the task of our present and future generations, graphic in the history and theory of architecture, architectural design sciences they will have to create a system of continuing education based on information. A special place in this pamphlet belongs to the textbook "Geometric constructions", based on the work of Abul Wawa Al Buzjani "What craftsmen need from geometric construction."

Results

Analysis of the obtained scientific and methodological results

We believe that the training of architects, art critics and designers should include the subject of "Applied Geometry", which integrates the following disciplines.

We recommend the following disciplines for the main scientific directions of "Applied Geometry":

- Design theory of descriptive geometry;
- The science of computational geometry;
- Design system of applied geometry models;
- Applied geometry of national crafts;
- Applied geometry and computer graphics models of internal geometric structures of an architectural system
- National craft and textile graphic information in art history.

Conclusion

This is a scientific direction 05.05.01. We consider it expedient to open a master's degree in "Applied Geometry, Computer Graphics and Design".

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