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The Role of Graphics in the Training of Teachers of "Fine Arts and Engineering Graphics"

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A B S T R A C T

In our country, teachers of drawing and painting are trained mainly in the bachelor's degree in "Fine Arts and Engineering Graphics." In general secondary schools, drawing can sometimes be taught by labor education teachers. Drawing and drawing teachers are required to teach in other disciplines of the graphics cycle in professional colleges in accordance with the expert qualification.

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If we analyze a number of shortcomings of "Fine Arts and Engineering Graphics" in terms of the expert and structure of the undergraduate. First, in the explanation of theoretical and practical information, the pedagogical direction of materials and the peoples are not taken into account; second, the pedagogical assignments performed by students are ignored by the third, third, no schedule of graphics nuclear content of a teacher of fine art sectors and engineering.

As a result of the above shortcomings, the textbook "Fine Arts and Engineering Graphics" has not yet published textbook program materials for the bachelor's degree students. In the colors of existing textbooks, too, the characteristics of both educational development, especially the features of the graphic designer

- Pedagogic activity, are not covered. We can also express the idea to the options for independent assignments to the graphic pedagogues.

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In our country, teachers of drawing and painting are trained mainly in the bachelor's degree in "Fine Arts and Engineering Graphics." In general secondary schools, drawing can sometimes be taught by labor education teachers. Drawing and drawing teachers are required to teach in other disciplines of the graphics cycle in professional colleges in accordance with the expert qualification. These disciplines have their own characteristics in accordance with the field of specialization. Examples of graphic disciplines in

professional colleges include design, construction drawing, artistic design, topographic drawing, applied graphics (advertising and industrial graphics), printing design, posters, computer graphics, interior and furniture architecture. a set of sciences can be shown.

Also, taking into account the artistic knowledge of the teacher of "Fine Arts and Engineering Graphics", he is an artist-designer in professional colleges, an artist in industrial design, an artist in industrial equipment and vehicles, an artist in cultural and household goods. It should also be noted that many specialties, such as pattern painter, lacquer miniature painter, calligraphy and miniature painter, and painter in the field of decorative arts and crafts, can teach in specialized disciplines. High-level instruction in these subjects can be taught by drawing and fine arts teachers.

This is because they are expected to acquire fundamental and in-depth knowledge, skills and competencies in the disciplines of fine arts, drawing and graphic geometry (along with the perspective department) during their university education. The knowledge and skills in these areas will be needed by the designer and art designer. It will be necessary to look for ways to include modern sciences in the standard curriculum in order to allow additional courses in graphic sciences in professional colleges, to organize faculties and clubs in similar areas in secondary schools.

In most of these areas, if students have the knowledge, skills, and competencies to pursue higher education, they will be able to master some of the new modern disciplines through in-service training and independent study. Possible. In this case, it is crucial how the teacher develops the skills of independent work, effective use of educational and scientific-methodological literature. Plays an important role in the formation of such qualities as freedom, diligence.

It is impossible to train teachers of "Fine Arts and Engineering Graphics" in accordance with modern standards without extensive and in-depth teaching of drawing and its departments. It is important that students are familiar with the application of drawing in life, technology, science, architecture, and design. Drawing is objectively a powerful independent block of the disciplines of the specialty. is required.

According to the qualification description, the teacher of "Fine Arts and Engineering Graphics" is a highly qualified specialist in the field of folk arts and crafts, technical creativity, artistic design, technical and artistic design circles, as well as decorating schools and classrooms. required to be. Today, future teachers need to creatively improve the content of the learning process to form the qualities listed above. With the development of computer graphics, it can be observed that the interest in high-quality manual drawing among students has begun to decline. It’s hard to imagine doing literate drawing on a computer without mastering fundamental knowledge and good graphics techniques. We consider it very useful to include brief information about the history of drawing tools and the current situation in developed countries in the textbooks and manuals of future drawing and painting teachers. This will increase students' interest in graphics.

Most textbooks published for students of Fine Arts and Engineering Graphics do not have such sections. The skills of working with dreams and paints using drawing tools and stencils are also useful for the future teacher.

The Fine Arts and Engineering Graphics teacher must have mastered the basics of graphic design. Unfortunately, textbooks and manuals in the Uzbek language do not cover the technique of working with dreams and paints. It's time to create such guides for students and those interested in art decoration.

A teacher of drawing should have a broad and in-depth knowledge of graphic arts beyond the scope of student assessment. To do this, the teacher:

- The current state and prospects of development of the history of graphic sciences and methods of teaching them;
- Sections of graphics, such as "Numerical projections", "Perspective", "Shadows", "Axonometric projections";
- It will be useful to know the practical application of graphics in science, technology, design, life, creative activities of young people, creative biographies of famous geometers and teachers, interesting graphic assignments and games.

In recent years, a number of positive steps have been taken in these areas in our country. In particular, at the Tashkent State Pedagogical University named after Nizami, students are taught the history of graphics and creative biographies of scientists who contributed to its development. Other universities are also working to improve the content of the graphics cycle. However, it is difficult to say that the changes in the education system of the republic are not fully reflected in the standard curriculum. Modern sciences are not included in the graphic cycle, and the features of pedagogical activity are not taken into account in the standard curricula of fine arts, descriptive geometry, perspective and drawing. In addition, the current model curriculum reduces the time spent on the study of descriptive geometry and drawing, and combines the modules of the subjects.

It is natural that the views expressed will be debated, and the participants of the conference may have a different approach to the issue. However, in the preparation of the next normative documents of the bachelor's degree in "Fine Arts and Engineering Graphics" will be necessary to take into account the methodological development of the graphic education system, the development of the education system of our society.

Here's a look at some of the requirements for textbooks and manuals for graphic science subjects:

1. Reflection of social and humanitarian trends:

a) Practical benefits in daily life;

(b) Aesthetic orientation and information from areas such as human culture and history, art history, and architectural design;

c) Positive emotional impact;

d) Formation and development of interest in science;

e) Students - to develop the artistic abilities of future teachers of fine arts and drawing;

f) Development of personal and creative abilities;

2. Technical and polytechnic orientation;

3. General pedagogical orientation;

4. Special professional orientation and modeling of "Fine Arts and Engineering Graphics";

5. Use of new information and pedagogical technologies;

6. Interrelationships between the subjects of the graphic cycle and other subjects in the curriculum;

7. The existence of interactions between the components of the graphic cycle.

Many of these requirements are interrelated, one logically derived from the other, and the existence of one determines the need for the other. Each new creation of literature will contribute to an increase in the quality and effectiveness of education if the above students work as hard as they can.

Conclusion

A type of fine art that includes graphic and pencil drawings and printed works of art. It is also a kind of art with a unique visual and expressive means. It also has its own visual, expressive and expressive abilities. Graphic drawing by technician and print graphics. Graphics are one of the oldest and most traditional forms of art origins, exterior drawings, drawings on antique vessels, and the basis of the image lines, color spots. His own constructive-visual and artistic influence in graphics in terms of possibilities, infinity of styles, and breadth the artist’s creative path is a constant communication with nature.

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