

**GENERAL THEORETICAL RULES REGARDING THE PROFESSIONAL AND  
PEDAGOGICAL PREPARATION IN THE DEVELOPMENT OF THE ARTISTIC AND  
CREATIVE SKILLS OF THE STUDENTS OF THE EDUCATION FIELD OF "FINE ARTS  
AND ENGINEERING GRAPHICS"**

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**ABSTRACT**

Computer graphics is considered a separate department of information communication technology, and it is important to solve problems of an artistic and creative nature in open conditions from algorithmic thinking. It should be noted that the purpose of education is to use the computer as an educational tool, which is a modern level of education informatization, and the wide development of electronic educational resources in various subjects, testing and control of the computer. we consider it permissible to confess. This leads to the expansion of the content, forms and methods of education. At the same time, in order to create a consistent and didactically appropriate educational environment, it is necessary to emphasize the need to maintain a certain balance between new and optimal methods of traditional teaching and educational technologies.

**Keywords:** computer, visual arts, graphics, media, education, technology, innovation, engineering, graphics, artistic creativity, ability, student, development, science, knowledge, skill, skill, modern, electron.

Today, in advanced higher educational institutions of the world, computer graphics education is visualized, working with various effects and the obtained results create favorable conditions for the training of specialists in the field such as CAD masters, visualizers, animators in the education of sustainable development, in the future remains directly related to the development of virtual educational resources aimed at the development of the design culture of specialists.

In our country, consistent measures are being taken to raise the educational system to a new level, to improve the quality of teacher training based on advanced international standards, and to increase the coverage level of higher pedagogical education.

In particular, the results of the analysis of the supply of highly qualified personnel for the social sector and economic sectors show that it is necessary to increase the attention to the quality of personnel training for the education sector, to widely introduce advanced foreign experience in the field, and to improve the infrastructure of pedagogical education. is showing.

In this sense, to further improve the field of pedagogic education, to supply professional pedagogic personnel for the preparation of highly qualified specialists who have the skills to apply modern knowledge and pedagogical technologies, who will make a worthy contribution to the socio-economic development of our country, advanced to the field In order to introduce educational technologies, it is permissible to recognize that the following priorities have been established:

training of professional pedagogues who have thoroughly mastered education and teaching methods, information and communication technologies and foreign languages, and have the skills to use modern pedagogical technologies in the educational process;

improvement of curricula and programs for educational directions and specialties of the field of pedagogical education based on advanced foreign experience, creation of innovative teaching-normative and educational resources and implementation;

Introduction of digital technologies in higher pedagogical education, ensuring the solid integration of modern information and communication and educational technologies, ultimately creating additional conditions for the continuous development of the professional skills of pedagogues;

to increase the efficiency of processes of formation of modern pedagogic personnel with high culture, practical professional skills, who have mastered education, teaching methods and evaluation criteria.

In particular, at the current stage of Uzbekistan's socio-economic development, it sets new requirements for the professional training of specialists in the field of artistic pedagogical education, which is characterized by fundamental changes in various fields and innovative processes in education. The range of possibilities of various artistic technologies has expanded. It is worth emphasizing the importance of scientific and methodical provision of the process of formation and improvement of the professional qualities of the artist-pedagogue and the creation of the necessary conditions for identifying and implementing the possibilities of favorable factors that arise.

The dynamic growth trend of the diversity of artistic technologies and the expansion of their range of possibilities has become clear. Scientific-methodological support of the process of formation and improvement of the professional competences of the future fine arts teacher should create the necessary conditions for identifying and implementing the possibilities of favorable factors that arise taking into account this trend.

It should be recognized that the system of professional training of future teachers of fine arts is aimed at educating competent specialists who are equally ready for creative and pedagogical activities as well as guiding the activities of students of higher educational institutions in the field of art and design.

To date, the problem of improving the quality of professional training of students of higher education institutions is one of the urgent tasks, taking into account the tasks of strengthening the purposefulness of training specialists focused on the specific needs of educational institutions.

In particular, to raise the content of higher education to a new level in terms of quality, to establish a system of training highly qualified personnel who can contribute to the sustainable development of the social sphere and economic sectors, and who can find their place in the labor market, based on international experiences, the priority is to introduce advanced standards of higher education, including the gradual transition from education focused on acquiring theoretical knowledge to an educational system focused on the formation of practical skills in educational programs is recognized as

The general theoretical rules related to the professional and pedagogical training of specialists are based on the works of local psychologists and pedagogues such as O.A. Abdullina,

V.I.Andreyev, A.G.Asmolov, N.V.Kuzmina, V.N.Myasishchev, S.L.Rubinshtein, A.I.Piskunov, V.A.Slastenin, A.I.Shcherbakov.

The analysis of special pedagogical and psychological literature showed that the term "vocational training" is mainly applied to the vocational education system. According to the encyclopedic dictionary, the term "profession" (lat. *professio* - I announce my business) is a type of labor activity that requires certain training and is usually the source of a person's livelihood. The concept of "specialty" (Lat. *specia* - genus, type) is interpreted as a type of lesson within a profession.

Thus, professional training is the process of forming a specialist in one of the fields of work related to mastering a certain profession. It should be noted that the purpose of professional training is the acquisition of professional education, which is the result of mastering the need for systematic knowledge, skills, qualifications and personal and professional qualities.

In modern scientific-methodological literature on the problems of the theory and methodology of vocational education and in the practice of vocational education, many terms are used to describe the essence of professional skills: "professional competence", "professional excellence", "professional development" , «professional self-determination», «professional training», «professional orientation», «professional preparation», «professional self-improvement», «professional adaptation», «professional compatibility", "professional identification", "professional mobility" and others

Professional excellence is, of course, related to reaching the level of creative activity, professional training, which is not only the experience of professional activity, but also equipping it with creative activity skills, effectively using the acquired knowledge, skills and abilities. The ability to change the acquired experience and adapt it to changing conditions is considered

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