

Quality and Efficiency of Study to Design-Oriented Specialist Students Increasing Options

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Abstract: This article covers a source for the girl on the application of pedagogical and IT technology opportunities for design specialties, further evolution of the possibilities of surpassing their intellectual potential, the use of modern Information Technology in the educational process, what its current situation is, progress and current problems.

Keywords: Design, student, plan, tutorial, textbook, engineering graphics, program, integration, interior, system, technology, creativity, industry, technique.

Introduction: When teaching design science all over the world, it would be advisable to provide training with the reasonable use of a curriculum, textbook, teaching aid, engineering and graphic software that meets the requirements of the time. As a result of analyzing the content of the concept of design based on various points of view, we found out that the task of design is to organize the material world surrounding a person. When teaching design science all over the world, it would be advisable to provide training with the reasonable use of a curriculum, textbook, teaching aid, engineering and graphic software that meets the requirements of the time. As a result of analyzing the content of the concept of design based on various points of view, we found out that the task of design is to organize the material world surrounding a person. The above-mentioned idea gives the design an integrative character, since it combines

artistic skill, activity with material objects, engineering and technological knowledge [1. 61. p]. The designer integrates from a large number of computer-aided design, requiring scientific and technological progress, to such technological processes as the reconstruction of any production processes. It combines material modeling with consumer, technological, economic and other modeling, providing a design solution in the life of society and the individual.

Design has long belonged to the human way of life. The term "industrial design", that is, "industrial design" or "industrial product design", was first proposed by Joseph Chenel in 1919, when the rationale for the design was related to anthropogenic changes in society [2, 11-p]. The active role of a person in design brings him closer to art iain has long belonged to the human way of life. The term "industrial design", that is, "industrial design or "industrial product design", was

first proposed by Joseph Chenelle in 1919 design has long belonged to the human way of life. The term "industrial design", that is, "industrial design" or "industrial product design", was first proposed by Joseph Chenel in 1919, when the rationale for the design was related to anthropogenic changes in society [2, 11-p]. The active role of a person in design brings him closer to art. But unlike art, design does not reflect the existing reality, does not create some kind of fictional universe, but projects a new subject environment or object [3, 35-p.]. In this case, we get V.A. We agree with Gerver's opinion that design activity is a combination of the work of a designer and an artist at all stages of joint design and creation of products [4, 67-p.]. Considering the above points, it is possible to bring his creative quality to the conclusion of the concept of "design". We agree with Gerver's opinion that design activity is a combination of the work of a designer and an artist at all stages of joint design and creation of products 67-p.].

Relying to a certain extent on the experience of modern foreign higher educational institutions, design specialists need to further develop creative competencies, develop a concept that is inherent and appropriate to design, search for styles that match the comfort of a room in interior design, Choose furniture fittings, ensure its harmony with materials, the ability to correctly navigate in color, drawing up drawings, offering to the customer through 3D models., design specifications, Sanitary and technical means should be taken into account in the systematic planning and placement of lighting devices, etc. In the context of the growing volume of knowledge provided to students, the reduction of classroom activities leads to further improvement of the educational process. Improving the effectiveness of the educational process is one of the main tasks of higher education, which can be solved through the use of modern information technologies in the educational process.

At the same time, it is advisable for students who are specialists in the field of design to use modern computer technology engineering programs to improve the quality and effectiveness of training and create favorable pedagogical conditions. Interior designers today must and are necessary for an in-depth study of various design methods, the general development of the origin and history of development, knowledge of the materials of each device placed in the interior of the premises, to master the standards and laws applicable to it, computer graphics engineering programs [6]. 612 p).

It is important to consider the current state, achievements and existing problems of teaching engineering and graphic computer programs in

disciplines specializing in design areas. This also requires a clarifying account of the effectiveness of interior design in the capabilities of applications when developing design compositions in accordance with the requirements of the time. This means that engineering Education provided by computer graphics programs are processes aimed at creating different sets of information, storing them in different states, sending them in various ways, and processing them for further improvement. It is necessary to use the possibilities of pedagogical and IT technologies for project specialties, to improve their capabilities for the development of their intellectual potential. For him;

- ❖ a make it easier for students to master computer graphics engineering programs and provide direct communication
- ❖ achieving efficiency gains that go towards presenting the content on each topic
- ❖ to train and control the interior design of rooms using computer graphics programs, virtual monitoring of each process
- ❖ a creating a knowledge base of students, inserting each information, storing it in memory and delivering it over the network
- ❖ and keeping the collected resources in a simple way for the convenience of each user
- ❖ a to arrange the correct placement of the room interior equipment
- ❖ a elimination of existing errors by a specialist teacher
- ❖ thus, the further development of their interest in interior design in the visual environment
- ❖ it is necessary to ensure an increase in creative creativity and the possibility of enhancing spatial imagination.

CONCLUSION

Our conclusion shows that the use of computer graphics engineering programs in interior design disciplines, explaining a wide range of topics through the program in a shorter period of time leads to an improvement in students' design competence and aesthetic taste for spatial perception.

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