

Development Of Students' Graphic Competence in Training Engineering Graphics

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Abstract: This article reveals the essence of the concept of competence. Ways to pedagogically develop professional competence of learners are shown. The content of the set of competencies, which determines the level of development of pedagogical competence that can be acquired for future teachers, is highlighted.

Keywords: competence, professional competence, personal experience, technologies, practical activity, development.

Development of the field of education in our country at the level of international standards, retraining of leaders and pedagogues who implement it based on modern requirements, reform of the system of their qualification has become one of the priorities of the state education policy.

In the decrees and decisions of the President Sh.M.Mirziyoyev, great demands are placed on the competence of today's leaders: knowledge of foreign languages, ability to use innovative and information and communication technologies effectively, leaders go to the people, not to official leaders, to be in harmony with the people. and live with their pain and decide the criterion of justice on this basis, etc.

During the following years, important work was carried out to further improve the quality, content, form and technologies of all links of the education system, in particular, the retraining and professional development of managers and pedagogues of higher educational institutions. Because the socio-economic development of the society is a leader who always strives for innovation, to improve his professional potential and skills, is in tune with the requirements of the times, can make extensive use of the world's best practices, and is able to protect the interests of the nation, the people, and his community in every way. - depends on the teaching staff.

The current goals of training future drawing teachers in higher educational institutions imply a serious change in the content and structure of graduate graphic education. These goals are aimed at the social introduction of the social order of the society, training of personnel who meet the requirements of drawing teachers of today's schools. Especially in the conditions of the current development of science and technology, the problem of creating a comprehensive system of training future drawing teachers in higher pedagogic educational institutions is gaining special relevance.

The problem of leadership competence has been studied by pedagogues, psychologists, methodologists, political scientists, sociologists, philosophers, linguists and other scientists of the world level, not only in our country, but also in the world. Accordingly, research scientists interpret leadership competence differently in terms of form and content.

According to B. D. Elkonin: "Competence means inculcating knowledge, suitability for the profession, competence, experience, and responsibility into leadership activities. It means to be a master of one's field, to know the secrets of one's field in every way."

Many pedagogues, psychologists, sociologists of our republic have been tirelessly researching the level of competence of the leading personnel, the requirements for it, the problems of their management skills and culture, and significant results have been achieved in this regard. Their research work on the topic forms the theoretical and methodological basis of our project work.

From the above sources, it was concluded that a leader's competence is not only his theoretical-methodological knowledge and practical skills, but also what kind of strategy he uses, his motivation, feelings and attitudes, as well as solving complex issues that require a whole

system management mechanism. also related to achievement skills. So, in our opinion, competence is the integration of professional knowledge, skills, competences, as well as personal qualities and qualities of the owner of this field.

The process of development of graphic competence of teachers of engineering graphics education is based on a systematic and active approach. The role of inventiveness in his creative activity, that is, in the experience of creatively using his skills and qualifications in graphic activity, is incomparable. The inventor's creative

The activity of the constructor is divided into the following stages:

1. The concept of creating an object is a construction stage in the design, in which the initial model of the object is made mentally or with text, graphical means or experimentally; the result of this will be the basis for the construction of the technical device and the development of the technological method.

2. Construction is a design phase, in which the expression of content is determined by the technical details of the product. This is a creative engineering task in the field of technology.

Synthesis is the creative combination of design ideas in technical devices and the technology of preparing the product for practical use.

When explaining the terms "design" and "construction", it is appropriate to consider them together and not to separate one concept from the other. In fact, the term "construction" means to build, and "design" means to create a project, an idea, and construction includes planning. Design and construction activities should be taken into account when creating technical devices in construction activities.

Analyzing the above, design and construction can be considered a creative-complex and interdependent process. Design is a form of engineering activity, which is related to the development of a project for the preparation of a structure, and construction is the design stage, which includes the creation of construction options, calculations, step-by-step operations takes

Analysis of the process of development of graphic competence of teachers of engineering graphics is the basis of our research work.

Based on the above, in order to improve the quality and effectiveness of training of engineering graphics teachers, we have determined that one of the main tasks of our research is to pay attention to the systematization and consistency of the state educational standards, curriculum and programs. Accordingly, based on the general essence of the chosen field of study as an object of scientific research, an idea of the aspects that need to be paid attention to in the development of graphic competence of students is clarified.

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