

**P. Buyanov,**  
(Candidate of pedagogical science,  
associate professor  
(Berdyansk state pedagogical university))

## **FEATURES OF THE FORMATION OF FUNCTIONAL SKILLS GRAPHIC FUTURE TEACHERS TECHNOLOGY**

Tendencies of modernisation of professional training of technology teachers, processes of technologization require a ground renewing of technological, psychological, pedagogical and methodological training, making qualitative changes in research work, industrial and educational practice, educational providing of individual work of future teachers. A special attention in training of technology teacher is given for drawing. It is organically combined with labor creative work, design, rationalisations. Skills of design, construct and reading of a picture, sketch, technical drawing are necessary components of literacy and professional culture.

Invariant function of intellectual activity of technology teacher is operating by imaginary graphical, schematical and sign models of objects, which allow in abstract, symbolic form display the accordance of objects and their graphical pictures. The level of specialists training is largely determined by that how much it is ready to those conversions of imagery and sign models. On the base of this, the necessary is providing the sufficient graphical knowledge and skills, any development of techniques of mental activity with well-developed spatial thinking and also theoretical thinking of high level, which is the basis of functional graphical literacy and professional meaning of model element of modern technology teacher.

The aim of the article is to analyze characteristics of forming of functional graphical at future technologies teachers.

Thus, the stages of study, in which are mastered such disciplines as "Descriptive Geometry", "Engineering and Machine graphics" or "Engineering and Computer Graphics", are the "core" of graphics knowledge which are professionally important for future specialist. The analysis of modern scientists, educators gives the opportunity to make a conclusion that in a case of favorable realizing of functions of graphic preparation at these stages we can see the efficient forming of functional literacy graphics. We emphasize that such level is conditioned by awareness of immediate tasks of graphics preparation, and indicative of this it is knowing by students of fundamental rules of graphic and geometry theory, connections between them and also connections with other disciplines. Students are able to identify the basic knowledge for further generalizing them into a complete system, they know the algorithms of their using during solving simple applied tasks, they familiar with the methods and tools of computer graphics and they are able to translate the problem into the language of applied graphics, to choose the method of its solution and applied, showing stable developed level of graphical excellence. Personal-motivational component of the level of forming of functional graphical literacy provides the confidence in the effectiveness of mastered graphical knowledge, graphical skills and promotes to study the general technical disciplines.