

Shandyba Olena.

**THE SYNTHESIS OF INNOVATIVE METHODOICAL SYSTEM
OUTLINE OF ENGINEERS' POST-GRADUATE TRAINING TO
TECHNICAL SUBJECTS.**

The issues of innovative methodical system of engineers' post-graduate training to technical subject main points and definition are considered in this article. It is noticed that modern industry engineers' post-graduate training to technical subjects allows adopting professional competence for changeable requirements of modern employment market. It is shown that in innovative industrial activity due to post-graduate education, professional development, personnel training and retraining for employees of all ranks is accomplished. Herewith it is mentioned that the quality of staff training is defined by the competitiveness of this leading sector of economics. On the basis of the analysis of recent publications, the use of "methodical system" term is shown, that allows reflecting the fact of many elements of educational process consideration. It is shown that basic statements when solving the task of synthesis of methodical system structure supervene on National Doctrine of Education Development, scientific and methodical works in the field of pedagogy, works that elucidate the issues of synthesis of complex multifunctional system structures. It is noticed that the purpose of this work is to define and prove key elements of the methodical system that is being considered. The innovativeness of the present methodical system is given. The definition of innovative methodical system outline of engineers' post-graduate training to technical subjects as educational process assembly of elements that has an integral full service structure with the supervision system and feedback is given. It is noticed that all this provide the formation of the competence on technical subjects that correspond to true-to-life requirements in industry. Taking into consideration the demand to create competitive innovations and necessity of self-perfecting of given methodical system, it is emphasized on the need to introduce additional functions of self control and self development. Using the method of structure synthesis without analogue, the general structure of given methodical system is presented. The distinction of the system in question in its

structure and new elements of educational process is presented: new knowledge content, methods that correspond to them, mode of study, pedagogical technologies and educational process system of control.