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**THE FORMING OF THE READINESS TO THE AUTOMATED DESIGN
OF THE INFORMATION SYSTEMS IN THE PROCESS OF THE
PROFESSIONAL TRAINING OF THE FUTURE ENGINEERS-
TEACHERS**

Integration of Ukraine to European educational space stimulates an increase of requirements to the system of professional training. This predetermines the necessity of modernization of skills forming process for bachelors of computer science and development the methodology of selection and structure building of educational material in accordance with modern approaches of educational process organization. Therefore, improving of the process of professional training, development of organizationally-pedagogical terms of studies, which would provide the educational requirements of every student in the field of computer sciences, is actual.

In this paper we describe the components of the readiness to the automated design of the information systems. It contains three components: motivational, operating and reflexive. We emphasize that this readiness characterizes ability of engineer-teacher to apply methods and tools of the automated design of the information systems in future professional activity.

For research of quantitative and qualitative descriptions of the readiness to the automated design of the information systems, we developed the criteria (motivational, operation, reflexive) and scale for estimation of forming up of each component. This scale consists of three levels: high, middle and low.

The motivational criterion contains formed of social motives, motives of personality and professional increase; cognitive interest to acquisition of new knowledge and forming skills of the automated design of the information systems; motivation on success in studies; a necessity of self-development and self-expression.

The operation criterion consists of a presence of the knowledge system of the automated design of the information systems; possessing the methods of selection, evaluation and using of modern technologies of the automated design for creation and development of the information systems; formed of abilities of analysis and design, and also individual features, necessary for realization of activity in the automated design of the information systems; effectiveness and quality of this creation and development.

The reflexive criterion contains formed of professional reflection; self-criticism, ability to make an adequate self-appraisal; self-organization of the personal activity.

The direction of further scientific searches is the experimental research of the level of formed of the readiness to the automated design of the information systems in the process of the professional training of the future engineers-teachers.