

*B. Beloshitsky*

**Concept fundamentals of personal and professional formation of students in educational process of higher educational establishment**

On the basis of the system analysis of personal and professional formation of students in higher school stages of lecturers activity and stages, phases of personal and professional development of students. Stages reflect steps of personal and professional increase of students as an initiative modus of the purposeful self realization at the training process of higher educational establishment on the basis of the active and successful mastering of different ways and methods of activity and social relationship. Phases reveal the individual nature of the subjective transformation of students on all stages. Objective and subjective conditions contributing and blocking harmonization of stages of lecturer activity and personal and professional development of students are described. The designation and description of a number of the most important components of phenomenon of the personal and professional formation of students in the form of the concept model.

Key words: personal and professional formation of students, stages, personal and professional development, stages of activity of lecturer, concept model, subjective transformation of students.

*S. Godnik*

**Development of students' methodological thinking as a criterion of higher school teaching effectiveness**

The general conception of the article is that in contemporary conditions of scientific and technical progress and real market fluctuation the criterion of the quality of teaching in higher school on the whole is development of methodological thinking of students.

In this respect the publication gives characteristics of euristical and didactic potentials of methodological level of teaching and methodological equipment of students' knowledge.

The article includes quotes of special research, which illustrating and corroborating the main arguments of the idea and general direction of this publication.

*A. Golubenko, V. Goncharov*

**Training the specialists of higher level of proficiency at accounting and audit in higher educational institutions of Ukraine**

Modernization of higher education in the field of accounting and audit is conditioned by integration into the World Educational Space.

The content of the standards of Ukrainian education and references of educational and proficiency level of specialists is considered. This made possible to determine the problems of continuous training and fix the role of Higher educational institutions in the training of professional accountants and auditors.

*M. Dyuzhakova*

**The content of teacher's training in the USA**

The purpose of this article is to do a comparative analysis of teacher's training in the USA that is seemed to be important for the period of integration of Russia to the world educational system. The article presents different approaches to the teacher's training content in institutes of higher education in the USA that includes 3 main blocks: general education, specialization and professional (pedagogical) training. It is emphasized that teaching process in American system of education is based on specific principals of constructing of educational content: priority to develop practical professional skills, great variety of courses, tremendous choice provided to a student.

*A. Zapryagaev*

**Higher education law in the USA: distance education**

This paper investigates some new standards and requirement established by the TEACH Act in the USA higher education law. The problems of Copyright Law and distance education collision are considered. Discussion of the TEACH Act benefits and requirements is an important experience for Russia higher education system so wide multimedia and distance education are using at present time.

*G. Zibrov*

**Mathematical modelling of military groups in view of administration tasks**

The paper aims at solving the problem of military group modelling at Military educational establishment taking into account the means of new information technologies. Given mathematical models of unit management are related to one-level and two-level hierarchy systems of "Commander-Subordinate" type, where  $W_1$ -stands for "Subordinate",  $W_2$ -stands for "Commander". Application of such models helps to solve one of the component tasks of Military educational establishment information and computation management- optimisation of the structural subdivision management schemes in consideration of psychophysical state of military and civil staff in given social conditions.

*I. Zornikov**T. Stepanova***Problems and opportunities of developing of scientific cooperation between Russia and EU**

In this article there is presented comparative analysis of state of science in the USA, Japan, European Union member states, and Russia. There are examined problems and opportunities of extend of scientific and technological cooperation, creating of common research area in Russia and EU, based on "roadmap" implementation, accepted during the Summit Russia - EU on the 10th of May, 2005.

*I. Karelina***Accreditation in national systems of Higher Education: analytical review**

Creation of interconnect European educational space demanded from national educational systems formation of common approaches to the educational quality assessment and development models with that end in view, used in assessing of different aspects quality of education.

In many national educational systems accreditation is traditionally used like a method of educational quality estimation. In this paper the review of contemporary approaches to accreditation used in national systems of Higher Education is presented.

*O. Saguinova***Knowledge Economy and Quality of Higher Education**

The article focuses on the. Intellectual capital structure is considered and professional occupations are classified according to the impact of knowledge economy developments on their perspectives.

**The problems of Pricing in the Market of Educational Services**

The urgent problem of pricing in knowledge sector is caused by commercialized of Russian education in all levels. New classic approach to the analysis of pricing processes supposes consideration of factors which form supply and demand on educational services. The present investigation allows to discover functional dependence of price, supply and demand of knowledge as welfare.

*A. Stetsenko***Sociological problems of studying of the quality of the students in universities**

The article is devoted to the sociological problems of studying of the quality of education in universities. The quality of high education is understood as a process and includes the quality of teaching, the quality of studying, the quality of means of information, the quality of moral sphere. The basic of concepts are interpreted in terms of the conventional sociological research.

For this program there has been chosen of the constituent parts of the quality system - the quality of the studying. The process of studying is based on the demands, process and the attitude of students to the educational activities, which could be taken as the comparison of signs; object evaluation of the relationships; the identification of the connection with the object; activities.

The structure of the quality of the studying process includes: the kind of activities performed in lectures and seminars, the kind of self-preparation, the quality of activities at tests and exams, relationships with group mates.

There will be found the methods of the calculation the tie of the studying successes and time of making a decision to enter to the universities and the criteria of the studying activities of the typical student's groups and the system of evaluations and opinions of students about education.