

Some problems of Bologna process realization in Russia

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Under existing conditions of higher professional education reforming the problem of integration of European and Russian universities, with the aim of internalization and the development of educational resources according to the world tendencies, is gaining special significance.

Omsk State Transport University is one the oldest universities of higher education in Russia. It is basic for training the specialists for the railways enterprises of Ural-Siberian region. Our university plays an important role in forming the educational standard, in realization of the national program in the field of higher education. In modern world, when the industry is becoming more complex and intensive and innovative science technologies are coming in our life very quickly, the issue of the modernization of the educational system is often raised. Modern specialists, former students do not correspond to the modern requirements of the industry brunches.

Up to now the education has been basically aimed on acquiring knowledge, mastering abilities and skills. However, it is an extensive way of the educational system development. Such way of the development is a deadlock one because teaching is limited by endurance.

An intensive way of the development of the educational system may be realized only in the context of a competent - based approach in teaching. From the position of the competent approach the level of the education is defined by the ability of a student to solve problems of different complexity and on the basis of acquired knowledge.

Teachers' task consists of training a competitive specialist whose professional knowledge corresponds to the requirements of a present-day society.

For the solution of the problem it is necessary to improve the quality management system of education constantly which must correspond to the requirements fixed in the international standard ISO 9001:2008, and also to the

requirements of the European standards in order to provide the quality higher education in the context of Bologna process.

Russia's joining to Bologna process gives a new impulse to the modernization of higher education, opens additional possibilities for taking part Russian institutes of higher education in projects financed by European committee and both students and teachers of higher education will have the possibilities to take part in academic exchange with universities of European countries.

A great number of dissertations on pedagogy, philosophy and social sciences are based on the analysis of modernized processes in higher schools in the context of integrative tendencies initiated by Bologna process as well as in foreign practice. The analysis of the discussions held nowadays in the pedagogical community shows that in Russia there is no consonance in opinions concerning educational reforms, initiated by the government in terms of the country's joining to Bologna process. There are many arguments concerning the transition to the two-level system (bachelor-master) as well.

The urgency of foreign experience research is caused by the possibility of using more valuable achievements in pedagogical science and in overseas practice in the context of a new paradigm formation of higher professional education in Russia. The priority is given then to the educational objectives, caused by the urge of our country to take the leading position in the world science and in innovative economics and thereby to interact with the world society in solving global human issues.

Although the range of problems of the organization of a highly qualified specialist training is widely developed in the science of our country, at the same time there is a lack of works where from a pedagogical point of view there is a complex analysis of the development trend of foreign higher professional education.

The scientific issue of the research consists of solving the contradictions between the necessity of a highly qualified creative minded engineer training and not properly developed method of teaching mathematical and natural-science

disciplines focused on the forming of common cultural and professional competences taking into consideration advanced European experience.

The main idea is to define how to organize educational activities for training specialists of our university in order to push the qualification they get closer to the established world standards.

The decision of stated problems is based on the following method of research: theoretical analysis of guidance, psychological and pedagogical literature published in European countries, monitoring the study process in one of the leading European higher educational institution, questionnaire design, selective analysis of the task material of European textbooks, adaptation and modification of the received materials to the conditions of the system of Russian higher education.