

An input of european educational standards at higher school of Ukraine - modernisation of educational system

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Abstract. The article is sanctified to the problems of modernization of educational activity in Ukraine in the context of the European requirements. The necessity of harmonious combination of the European innovations and the best domestic traditions is considered.

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The processes of European integration embrace the all more spheres of public vital functions. Did not become an exception and education, especially higher school. Ukraine clearly defined a reference-point on included in educational space of Europe, carried out modernization of educational activity in the context of the European requirements. The primary objective of public policy in industry of education is conditioning for development of personality and creative self-realization of every citizen of Ukraine. Educational politics of Ukraine on the modern stage is based on principles of democratization and humanism, oriented to the achievement of world level of revival of original national character, native improvement of maintenance, forms and methods of studies of increase of intellectual potential of country ¹. Tacking of our state to Bologna of agreement became a push for the row of reforms in educational industry. So, working on realization of order Department of education and science, to the young people and sport of Ukraine "About realization of pedagogical experiment from the credit-module system of organization of educational process", higher educational establishments passed to the second stage of pedagogical experiment. Today anybody does not have a doubt, that reformation of higher education is an objective necessity, and existent potential of the educational system of Ukraine not to a full degree answers the new necessities of society qualitatively. Exactly Bologna process became an educational brand and used as one of signs of our motion to European community.

During the last years the large volume of the advanced study is executed from the study of process of adaptation of the national system of education to Bologna process. The general issues of modernization of education and integration of Ukraine labours of V.Baydenko, V.Kremnya are sanctified to in European

¹ Juravskyy, V.S., Zgurovskyy, M.Z. (2005), *Bologna process: main principles of included in European space of higher education*, Higher school, No. 5. , P.97.

space. Theoretical aspects of analysis of the educational systems, methodology of analytical comparisons, are the article of researches of K.Korsaka, V.Zubka. Bologna process is a process of recognition of one educational system other on European space. If the future of Ukraine is related to Europe, then it is impossible in future to assert that Bologna process has for us only an enlightening and cognitive value. The grant of high estimation to the national system of education must not calm us and restrain her deep reformation. V.Kremen underlines that at the same time participating of the system of higher education of Ukraine in Bologna transformations must be sent only to her development and acquisition of new quality signs, but not on the loss of the best domestic traditions, decline of national standards of her quality. Orientation on Bologna process must not result in excessive alteration of the domestic system of education.

Opposite, her state is necessary to be deeply comprehended, comparing to the European criteria and standards, and to define possibilities of her perfection on the new stage. Thus the evolution of the system of education it does not follow to dissociate from other spheres of society. She must develop in harmonic intercommunication with society on the whole, undertaking the role of him cultural explorer.

Beginning from 90th the phenomenon of the so-called europeanizing of on-line tutorials, that foremost called to guarantee the observance of educational standards and that entailed important changes in maintenance of curricula and programs of countries of Europe purchased popularity.

Modern on-line tutorials, plans and education materials of the European subjects, in the countries of Europe are based on conception of the European measuring in education that developed at the beginning of 90th, although knowledge about Europe in many countries of eastern and western Europe were traditionally part of on-line tutorials from many school objects, history, geography, foreign languages, articles of aesthetic cycle, civil education and humanity science. The modern European educational standards, on-line tutorials, textbooks, enter the all greater complex of concepts about Europe.

However, the idea of the European measuring today can not be limited by the specific scopes of educational objects. European measuring in education by the special school not objects, but is an educational orientation in modern education. This term means knowledge of traditions, culture, language, socio-economic position of the European countries. This concept includes confession of cultural variety, cultural heritage, civil values, and pluralism democracy also. Except that, a commonication on different languages is inalienable part of the European measuring. Commonications in different planes on the local and international levels of all participants of educational process by means of the most modern facilities(Internet, correspondence, exchanges, an e-mail by information, general multimedia projects and others like that) also provide support of the European measuring in an action.

Concrete introduction of maintenance of European education is the result of three fundamental principles, that European pedagogical society, introduction of international standards of education, adheres to; education is on the basis of general cultural values that are based on European traditions; formation of tolerance, respect to the difference, collaboration, respect of human rights and fundamental freedoms, and development of possibilities for life in democratic society.

The European subjects in maintenance of higher education of many European countries are effectively entered by bringing in of students and teachers in the numerous programs of European Union and CE. The feature of the east Europe countries is that, that, as these countries not so a long ago entered to European Union, the European subjects need bringing in of greater efforts and resources here, than in the West-European countries. Except that, in the east Europe countries the change of on-line tutorials the European measuring needs considerable money for the corresponding retraining of pedagogical shots, certain alteration of link of higher education and row of administrative measures. Success of becoming of Ukraine with European space depends on that, how the system of education reacts on the necessities of society of present time, in fact modern Ukrainian education put before itself sweep to assist development of democratic cul-

ture, forming, necessary for a residence in the European concord of competences, to acquisition of necessary for this purpose political and socio-economic knowledge. Priorities of European education consist in a grant to the young generation of knowledge about the general European inheritance and practical abilities to adapt oneself to life and studies in the different countries of Europe, to be mobile, socially capable, apt at communication and protection of the rights.

Taking into account irreversibility of Bologna process, we must realize that for our system of higher education he is very not simple. We are heavier, than to any other country that does not have such deep traditions in industry of fundamental natural and engineering education, to join to many European decisions, leveling own centuries-old revisions in this industry. The strategic task of reformation of higher education in Ukraine is transformation of quantitative indexes of educational services in quality. This transformation process must be based on such principles:

- To the national idea of higher school, maintenance of that consists in maintenance and increase of national educational traditions. Higher education is called to bring up the citizen of the state of Ukraine, harmoniously developed personality for that a requirement in fundamental knowledge and increase of general and professional level is associated with strengthening of the own state;
- Development of higher education must submit to the laws of market economy, that is to the law of changeableness of labor and law of competition, as an economic sphere is exceptionally important in forming of logic of community development. In fact Ukraine has a high index of form of citizens, that presents 98%%. Here we have obvious contradiction between human potential and rates of the economic converting into a country. At the same time it is necessary to take into account no less important factors - social, political, spiritual life, public consciousness, culture and morally-psychological values. Considerable part of problems that accumulated in the system of higher education, related first of all to the disbalance of complex of the marked factors of public transformations;
- coming to a head necessity substantially to correct the orientation of educational process . The world entered in a period when change of generations of people. From here obviously, that to teach a child it is impossible for life, that is why not necessary to erect studies only to mastering a student or student of certain volume of knowledge. Except this function of educational process, there is a task to teach independently to study, to seize new information, to produce for a student or student vitally important for him competences. Education must prepare a man, percipient changes, to create them, consider changeableness as organic constituent of own way of life. Innovative character of modern civilization and economy needs innovative type of man that innovative after the essence education can form only;
- modernisation of higher education it follows to examine in the context of progress of the world educational systems trends, including European. In particular, to bring a legislative and normatively-legal base over of higher education and her constituents, put in order the list of specialities, revise maintenance of higher education : to provide information of educational process and access to the international informative systems. It is necessary to be oriented higher school not only on market specialities but also to fill with maintenance of higher education the newest materials, inculcate modern technologies of studies with the high level of informatization of educational process, to go out on creative, business connections with the customers of specialists.

We advise to pay attention to **main factors of optimization of education**, in connection with integration of Ukraine there is European elucidative space.

For the first, **making alteration is envisaged to the current legislation** that regulates functioning of higher school. There is a base law on education. But they need changes that is dictated as by present terms, so by the perspective necessities of the state already.

For the second, on the first plan **quality of education guarantees** are pulled out. It is expedient in this connection to notice that without regard to the achievements of home education, that is provided by the new socialistic system, she, however, became less quality, and quite a bit graduating students of higher educational establishments uncompetitive at the European market labours.

The important moment of restructuring of educational process is an input of innovative technologies. The decision of these tasks is sent to:

- transition from pedagogical traditionalism to the new forms and methods of studies of oriented to forming of creative personality, that is able to combine theoretical knowledge in different variants, scientific achievements with the decision of questions that arise up in practice;
- an increase of creative activity of students is during audience employments by introduction of business and role-play games, of the playing planning, “keys-methods”, seminars of briefing, video of training and others like that;
- strengthening of motivation of students is to independent work with the aim of deepening of knowledge and receipt of abilities and skills;
- providing of through computerization of educational process and creation of the computer(informative) systems of his support;
- intensification of educational process with the aim of reduction of audience employments after participation of teacher at a grant to quality of educational process;
- development of interactive complexes of the educational and methodical providing of discipline (ICEMPD) and others like that.

It should be noted that for years independence, in connection with modernisation processes in a country, and at higher school in particular, by the change of curricula of directions and specializations, set time there were problems with the educational and methodical providing of educational disciplines².

Just our higher education only in engineering brought up the inventor of helicopters Igor Sikorsky, discoverer of space of Serhij Korolyov and Volodymyr Chalomeia, designer of unsurpassed aviation engines Arhup Liul’ka, founder of electronics Benziol Vul, she gave to the world of high-speed transport on a magnetic pillow. And this list can be long continued.

Therefore new calls we must accept not only carrying experience of other states on our soil but also offering to the European concord the revisions, achievements, suggestions, vision of problems. It is needed to attain harmonious combination of the European innovations and the best domestic traditions But we must frankly admit that in the last few years in the field of higher education of Ukraine, especially technical, thorny problems the decision of that remains be on the agenda accumulated, even without regard to a presence or absence of such factors, as Bologna process.

It is envisaged that gaining end of Bologna process is possible in Ukraine within the limits of decision of such basic tasks, as an input of the clear for Europe system of diplomas, degrees, academic qualifications, introduction of the two-stage system of higher education, use of the single system of credit units, forming of the European system of standards of quality of studies and professional preparation with application of comparative criteria, mechanisms and methods of evaluation and removal of barriers on the way of mobility of students, teachers, researchers and managers in industry of higher education.

On an idea of V.Petrenko “...standardization of education is one of basic links among necessary measures, due to that it is possible to decide all marked tasks and attain the aims of Bologna process. Without standardization of maintenance of education and maintenance of studies, without standardization of educa-

² Dmytrychenko, M.F., Horoshun, B.I., Yazvinska, O.M., Danchuk, O.M. tr. aid. (2006), *Higher education and Bologna process*, Knowledge of Ukraine, 440 p.

tional technologies and technologies of determination of quality of studies and professional preparation the idea of eurointegration of education can, to remain only slogans on a paper. And in this sense standardization, forgive for tautology, ideas about standardization of education and educational standards is the urgent problem of European elucidative community³.

Educational standards are perceived by a pedagogical association ambiguously. From humanitarian positions they are interpreted as some general reference-point for the self-appraisal of possibility to enter any social educational niche. Opposite look: educational standards are the consequence of dominating in society technocratic paradigm, that is why they are associated with canons and dogmas of authoritarian pedagogic. Between these positions there is a considerable spectrum of ideas that gravitate mainly to the social normative phenomenon about educational standards⁴.

Researchers of educational standards of V.Petrenko, N.Nychkalo, S.Goncharenko, B.Gershunsky, V.Lednyov, V.Baydenko, N.Seleznyov, V.Sokolov etc. all reasonably came to the conclusion, that an educational standard that represents the whole functioning and to development of the educational system is totality of social norms-requirements to the level of form, preparedness of graduating student, actually to the educational system. N.Nychkalo marks that normativeness of standard consists in the clear, detailed lineation of results of studies and education (both at the level of maintenance of education and at the level of requirements to preparation of students)⁵. Analogical opinion is expressed by V.Baydenko: an educational standard as social norm is viable only due to the orientation on the results of studies - descriptions of personality "increases" from the review of providing of effective vital functions of personality and society and increase of potential of her self-realization and competence within the limits of general and professional culture of moral, spirituality and social responsibility⁶.

To the obligatory functions of educational standards specialists belong providing of unity of educational space, objectification of estimation of functioning of formation of the system, providing of effective management the system of higher education of upgrading of preparation of graduating students.

Thus, standards of education are the substantial element of any national system of education the type of that is determined by political socio-economic terms, by traditions of certain country and others like that. In turn the type of the system educational influences on functions, kind and structure of educational standards. But regardless of it on the basis of the general going near standardization national standards on the signs of competence are developed and become firmly established at the level of the state, industry or organization⁷.

Development of accepted for all participating countries of Bologna of process, procedures of establishment of equivalence of educational standards id est academic qualifications, educational courses, diplomas, certificates and others like that, impossible without harmonization of requirements of the system of standards of higher education of Ukraine with the standards of professional associations and requirements of trade unions of the European countries and educational standards of leading universities on the criteria mechanisms and methods of evaluation of quality of professional preparation and education accepted in Europe⁸.

³ *Problems of education: SMC VO MES of Ukraine*, 2005. No. 45, Bologna process in Ukraine. - P.I. – 192p.

⁴ Kondrashova, L. (2008), *Problems of higher pedagogical education and his modernisation in the light of Bologna agreement*, It is Higher school, No. 1., P.26-34.

⁵ Nychkalo, N.G. ed. (2002), *State standards of higher education: theory and methodology*, Khmelnytskyi TUP, 334p.

⁶ Baydenok, V.I. (1999), *Educational standard. Experience of system research*, Novgorod: NovSU of Yaroslav Mudryy, 440p.

⁷ *Problems of education...*, 192p.

⁸ Dichkovskyy, S., Uvarkina, O. (2010), *Reform higher education is the first step to the European standards*, Scientific messages. Producing of LXXXVI (86), P. 61-67.

Process of changes of state standards in our country with the receipt of independence the problem of development of the national system of higher education appeared before Ukraine, that with simultaneous maintenance of acquisitions of domestic higher school would give an opportunity to adapt her to the new socio-economic terms and integrate in the world system preparations of specialists on higher education. But abandonment from adjusting of activity of the system of higher education on the basis of scientific reasonable regulation of structure and volumes of preparation of specialists, introduction of volitional and subjective decisions resulted in numerous negative displays, including to violation of accordance of list of professional qualifications and specialties to the necessities of society and sphere of labor, to the considerable decline of social security of higher educational establishments⁹.

Modernization of the national system of education in Ukraine takes place presently in the context of development of our state as European. Especially considerable transformations must be in trade education, as processes of globalization, integration and normalization of society cause deep civilization changes that affects requirements to professional preparation of specialists.

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⁹ *Problems of education...*, 192p.