

ABSTRACTS

Altunina V.

Practice - oriented educational models as a prerequisite for economic modernization of education

This article discusses the lack of practical training of graduates of specialties and areas of economic and analyzes possible solutions, taking into account the progressive international experience.

Keywords: practical training; applied bachelor; training team

Pelmenev V., Timofeeva V., Silina S.

Modeling of social partnership in continuing professional education

The article reveals the technology of simulation of social partnership in the innovation system of continuous professional education, established on cluster principle in the form of a Regional branch of the interoperate training complex

Keywords: regional branch interoperate educational complex; social partnership; cluster principle

Bokarev M., Bychkova O.

Phenomenology of professionalism in the training and retraining of teachers in engineering education

Phenomenology is defined professionalism in the training and retraining of teachers in engineering education, justified the demand for psychological knowledge in the training and retraining of teachers for schools in the system of additional vocational training, identifies features of mental qualities of the personality of the teacher

Keywords: professionalism; psychological competence; training and retraining of teachers; professional competence; additional professional education

Polupan K. Azarova O.

Modernization of Courseware Provision in the Educational Process at Higher Professional Institution

The article deals with the burning issues of elaboration and implementation of courseware documentation under constantly changing requirements set by educational standards.

Keywords: curriculum, general education program; educational standard; competencies; changes; and integration

Bondin V., Manujlenko E., Ghabrova T.

To the question of the nature and content of the concept "people's culture and health"

Discusses the various views to determine the nature and content of the concept "people's culture and health" the philosophy historical and psychological pedagogical aspect

Keywords: culture; education; health; way of life

Samsonova N., Kondratenko B.

Individualization and personalization of professional education in higher education institution

Article contents the terms of alarming individualization and personalization (regarding the vocational training in higher educational institutions) in the conditions of information society forming in the Russian Federation. The author describing views of Russian scientists of learning individualization and personalization. Emphasizes the need to introduce personalization into the educational and pedagogical process at universities

Keywords: educational process; theory and technique of professional education; socialization of students; a learning individualization; learning personalization

Zajcev A.

The methodology of valuation loads in physical education

There were looked the statistical, physical and physiological approaches to rationing loads in physical education.

Keywords: physical education; estimation; valuation; rules

Timofeeva V.

The cluster methodology as a methodology of active design

Model cluster methodology is considered as a centre of cooperation of state institutions, scientific and educational organizations, businesses, investors and society. Scientific novelty is the development of technologies of creation of clusters presented in the form of a graphic space thoughts active design. The paper formulates the axioms of the effective application of the active design

Keywords: cluster methodology; cluster initiative; triple cluster spiral; space thoughts active design

Bugova G., Rogkova L.

About the formation of universal learning activities of pupils using means of artistic gymnastics

The Article is sanctified to the analysis of possibility facilities of artistic gymnastics to assist forming of universal educational actions at students, as bases of ability to study, to the achievement of the planned educational scores

Keywords: federal state educational standards of universal education of the second generation; universal educational actions; system and activity approach; role of artistic gymnastics in development of students

Rumjanceva G., Murga V., Ivanov Y., Marasanov N.

Practical orientation methods of teaching students the diagnosis, treatment of injuries and diseases of the knee joint in children

Describes proven practice-oriented teaching methods medical students diagnosing, treating injuries and diseases of the knee joint in children presents an experience Tver Medical Academy

Keywords: practical orientation; modern approaches, diagnostics, treatment, injury and disease of the knee joint in children

Minin M., Vjuganina N.

Practice-oriented learning as a means of increasing adaptability and quality of engineering education

The article considers the demand for graduates on the labour market and their competitiveness is seen as the main indicator of the education system ability to adapt to changes and its quality, and the role of practice-oriented learning technologies in this process

Keywords: adaptability; education quality; employer requirements; practice-oriented learning

Mojseenko S., Usov R.

Simulation modeling in preparation Specialists in transport

The article examines the methodology and methods of use of simulation models in the training of specialists in the field of organization and management of traffic and transport. The results of simulation models in the learning process

Keywords: training; technology training; simulation models and games

Kuznetsov E.

Experimental results verify the applicability of educational technology readiness of Ecological Engineering and management training of water transport

On the basis of the developed pedagogical technology of formation of ecological readiness of future logistics engineer and to management on transport (water) ways of greening of professional knowledge at students reveal. It is described stating, forming stages, a stage of processing of empirical data and their theoretical generalization of applicability of pedagogical technology. Final results of research are given

Keywords: water transport; ecological readiness; pedagogical experiment; organization of transportations

Ghestovsky A.

Diversification of the systems of training marine engineers in the field of informational security

Creation of a unified system of personnel training in the field of information security, providing not only training of qualified specialists in the field of information security and protection, but also the perspective of information security for all categories of marine specialists trained in vocational education, in particular marine engineers.

Keywords: marine engineer; competence; protection of information; differential-integral approach

Matushak(Prisjagnaja)A.

Choice of pedagogical technologies by Polish and Russian higher school teachers

The paper describes the comparative analysis results of preferences in choosing pedagogical technologies by Polish and Russian higher school teachers. Selected technologies are characterized. Questionnaire results of teachers from the two countries are shown.

Keywords: educational technology; pedagogical technology; student-centered technology; teacher-centered technology; group work; moderation; brainstorming; case-technology; role play

Sazonova Z.S. Zaharyan M.

Realization of short-term supplementary educational programs for students of various levels of higher education.

We discuss the experience of approbation of short-term supplementary educational programs, recommended for students of various levels of professional preparation studying at MADI. Mastering of these programs is oriented at forming and increasing the levels of competencies of self-organization and effective communications.

Keywords: self-organization; effective communication; supplementary educational programs; students of various levels of higher education

Fadeev V.,Usov R.

Performance criteria the formation of readiness to graduates in the higher military educational institution in extreme conditions

The article discusses the experimental work in the conditions of educational activities in the military academies

Keywords: process; the formation method; experimental work; pedagogical research; shooting in extreme conditions; efficiency

Marennikova L.

Using Twitter in teaching students English language while doing the project work

The potential of the Internet services are seen in the article, the essence of Twitter, the characteristics of this service, its basic didactical characteristics, the aims of teaching on the basis of Twitter, the directions of using different informational technologies are described, the experience of using Twitter by the author for teaching students English language on the basis of the integration of this service into the project work

Keywords: the educational potential of the Internet services; Twitter; the didactical characteristics of Twitter; informational technologies; project work

Demidova N.

Professionally oriented mechanics problems in the process of teaching students of automobile and road building institute

In the connection with competence approaching to teaching students of the automobile and road building institute the content of generally theoretical constituent of education programs was overworked to provide its connection with other disciplines and professional direction. As an example we give in this article the material, included in the lecture "Bodies collision", for the students of the automobile transport faculty. Body's collisions were considered as automobiles collisions. It gives, in our opinion, increasing student motivation for learning this theoretical aspect that lies on the border of physics and theoretical mechanics, having connected it with forming professional interests of students.

Keywords: competence approaching; direct collision; angle collision; restoration coefficient; impulse; kinetic energy

Samusenko V., Zajceva V.,Evdokimov S.

On the relation between mathematical and utilitarian approaches to Resolve the problem of visibility study situation

The data necessary to form corresponding grounds of relevance, information database when there is a problem of visibility situations. The decision highlighted priority Consider the example accounting features of the environment. By mathematical calculations proved that a phased way to reduce initial data array does not eliminate the effect of uncertainty in finding information about the situation as foreseeable. Hypothesized that productive resolution stated problem can contribute insight into the essence of the object of study terminology - the concept of «situation»

Keywords: situation; visibility; create the database; signs of the external environment; relevant information

Artishcheva E.

The estimation of shift of progress of educational groups in pedagogical experiment

The Article shows any possibilities of application of McNemar's statistical criterion for tracing of dynamics of progress in pedagogical experiment. The example is dynamics of experimental and control groups progress whis realisation of technology of correction of students' knowledge.

Keywords: pedagogical experiment; technology of correction of knowledge; progress; McNamara's statistical criterion (G-criterion of signs)

Korneva I.

Model entrepreneurial culture marine engineers as a goal of teaching mathematics at the Technical Institute

In the article the model of entrepreneurial culture is presented. The necessity it's forming during professional preparation of future engineers in technical higher educational institution is showed

Keywords: model; scientific school; entrepreneurial culture; differential-integral approach; innovative technology; professional training

Ligatyuk

Graduate medical education in the Kaliningrad region

Discusses the importance of the competitive advantages of the Baltic Institute of Medicine of the Federal University of Kant in postgraduate education

Keywords: educational process; and health education

Zhilyaeva I

Using departments rating as one of the innovative methods of management of the university

Due to formation of innovative economy in Russia and new requirements in higher education, it has led to the search for innovative methods of management of the university, one of which is the ratings of structural units of the university engaged in the educational process. The article considers the rating systems and criteria for evaluation of the departments used in various universities in Russia, the procedure of the ratings, possible results of the ratings of departments, as well as conclusions

Keywords: faculty rating; criteria for evaluating departments; innovative methods of management of structural units of the university

Shakhov V.

Education and national traditions in contest of cultural determinism for Kaliningrad locus

In this article Kaliningrad exclave is determined as special educologic locus. Particular importance of education and ethnocultural traditions in development of mutual cultural and national treasures is distinguished

Keywords: exclave; sociocultural locus; educology; Russobalts; ethnocultural traditions

Fedorova S.

Formation of the valuable relationship to the heroic past of the country in the course of vocational training

The peculiarities of formation of the valuable relationship to the heroic past of the country in the process of training students, revealed the meaning and content of the heroic past in the development of patriotism, citizenship and moral and spiritual culture

Keywords: value attitude; heroic past; training

Karama L.

Issues of professional development of the future specialist in social work

The article describes the problem of forming a professional position of a future social worker in the course of his training at the university through the formation of professional and important qualities

Keywords: professional position; the system of vocational important qualities; professional training; interactive methods of learning; volunteering

Lyubishina S.

Innovative approach to the methodology of the study motivation and its formation in the works of O. Grebeniuk

The article considers the system of scientific views and approaches underlying the study of motivation teachings and labor Professor O.S. Grebeniuk. Considered the levels of development of motivation. Presents a comprehensive description of the stages of education motivation.

Keywords: methodology; motivation; motivation teachings and labor; systematic approach

Shkapenko T.

Interpretative problems of tests for psychological sex diagnosing

The paper analyzes the problem of masculinity-femininity testing on the basis of Sandra Bem test translations into Polish and Russian languages. The necessity of psychological research conducting on the basis of the concepts that are verbalized in national languages is postulated. We describe the results of empirical research in the field of gender asymmetry in Polish adjectives that can be used for diagnosing psychological sex.

Keywords: gender; gender studies; gender asymmetry; masculinity; femininity; Sandra Bem test, ethnospecific concept

Zhilyaeva I.

About the problem of analysis of contemporary mechanisms of control of the university within the innovation development of Russia by example of extra budgetary funding

One of the main conditions for the development of innovative economy in Russia at the present stage is the radical change in the system of higher education. Education turns into a strategic resource for economic growth and competitiveness of the country. It is clear that the introduction of innovative educational programs require large financial investments. Therefore the problem of financing of this sector is becoming more relevant. The article examines the sources of extra-budgetary funding of universities. It describes paid educational services offered by universities, provides a brief historical background on the development of this type of service in Russia, and considers the sources of their funding. The article proposes measures for generation of extra-budgetary funds through the provision of paid educational services

Keywords: innovation economy; sources of funding; higher education; budget; extra-budgetary fun

Ignatyeva O.

Organizational and pedagogical developments in information competence of teacher's agricultural university

The author examines the problem of development of information competence of teachers of agricultural university. This article clarifies the concept of "organizational and pedagogical conditions", is considered complex organizational - pedagogical conditions necessary for the successful implementation of the development of information competence of teachers Agricultural University, presented their distribution and grade of the subject

Keywords: information competence; organizational - pedagogical conditions; the levels of the subjectding; paid educational services