

ABSTRACTS

Bokarev M., Bokareva G., Usatova V.

Functional Modeling of a methodological aspect of the culture of engineering

As a pedagogical purpose in teaching mathematics engineers consider their willingness to functional mathematical modeling as a psychic phenomenon, as the whole dynamic property of the individual, and as a component of the learning process

Keywords: ready for professional work model; the model functions in understanding; modeling; teaching activities; methodological culture of engineering; functional modeling; process model

Smykovskaya T., Lobanova N.

Synthesis techniques used in the implementation rating system training students in the university

The author's approach to realization of interactive technology of an estimation of educational achievements of students and qualities of their vocational training in high school is presented. The description of receptions of use of platform NetSchool and its module СИИТе3 in educational process of high school is presented

Keywords: monitoring, testing; NetSchool; SYNTHESIS

Vavilova L.

The problem of improving the quality of the educational process in training of Emergency

The concept of the use of a formalized approach, based on ideas of program-oriented planning and methods of discrete optimization in the formation of educational plans and programs for training Emergency

Keywords: intensification of training; program-targeted planning, professional identity

Seryh A., Aleksandrov A.

Design technologies as a form of professional competence of future professionals in social work

The article describes the role of design technologies in the formation of professional competence of future professionals in social work

Keywords: professional; competence of a specialist in social work; design technologies; project method

Lifincev D., Lifinceva A.

Organization of social support networks in social work

This article describes the characteristics of the organization of social support networks as areas of theory and practice of social work

Keywords: social work; social networks; social support

Manshin M., Lobanova N. Smykovskaya T.

Using a case-technology the preparation of future science teachers

Different approaches to understanding the concept of "educational technology". Describes the essence of case-based technologies and examines the possibility of its use in the preparation of future science teachers

Keywords: concept; approaches; educational technology; technology case; preparation; science teacher

Fadeyev V., Bugaev A., Blinov M.

Applied aspect of physical culture on the development of socio-professional orientation as an end in itself for personal success

In article conditions for the development of physical culture and sport, this should be of a mass nature in all spheres of life, including in the education system.

Keywords: professional education; practical orientation in the educational process; the system of beliefs; principles and priorities in sport in all educational institutions of Russia

Marennikova L.

Communicative principle of differentiation in the training of future engineers, project-based

The article analyses the essence of the study principle phenomena, communicative principle is seen, it's role and its essence, the essence of communication principle from the modern teaching positions, profession-oriented study principles are seen, it's kinds, the principle of communicative differentiation is described, it's essence, the experience of realization of communicative differentiation principle while teaching future engineers on the basis of the project method is described

Keywords: study principle; communicative principle; communicative competence; content of the study; management of the study; profession-oriented study principles; principle of communicative differentiation; planning of the study; methodical tools; the experience of teaching

Martynenkova L.

Some aspects of the use of modern educational technology in the preparation and conduct of biology lesson

An analysis of modern educational technology, development oriented learning, grounded in developmental education technology biology classes

Keywords: modern educational technologies; the development of students; biology lesson

Shishkina M., Ilyin V., Smykovskaya T.

Analysis of the practice of forming research skills among future teachers of computer science

We describe the organization of the formation of research skills among future teachers. Identified and described the stages of formation level model of research skills

Keywords: training teachers of computer science; research skills; tier stage care and models of formation

Abramova L.

Core ideas of the philosophical and pedagogical the concept of S.I. Gessen

The article conveys the revelation of core ideas making up Giessen's philosophic pedagogical conception with the help of its analysis on the basis of possibilities of constructive-genetic approach

Keywords: philosophy; pedagogy; education; idea, culture; civilization; conception

Bezuglaya T.

The main achievements of Russian psychology of the middle of XIX and XX centuries

In this article foreign and domestic psychological theories and concepts of XIX and XX centuries which are influenced on modern Russian psychology and pedagogic are examined

Keywords: antigomeostatism; behaviorism; the science about behavior; pedagogic; concepts of behavior; personal concepts

Klemencova N.

To the definition of humanitarian culture: structural and functional analysis

Structural variety of humanitarian culture is related to the diversity of approaches to its definition. The functions performed by humanitarian culture are represented depending on the needs met by it

Keywords: cultural duality; anthropocentrism; spiritual values of the society; humanitarism; structural components; functional analysis; human needs

Khurlo L.

The role portrait of modern Polish teacher

The main ideas of Polish scientists who create the role portrait of modern Polish teacher in economical transformation and Polish integration in all-European educational area are examined in this article. The concepts of the teacher-educator, axiologue, creator and "European" are considered as the main ones. The conclusion about the necessity of radical changes in professional teacher preparation that could accord with the request of modern society according the analysis of different roles and functions of modern teacher is made.

Keywords: the role of the teacher; teacher's functions; teacher-creator; teacher-educator; teacher-European and teacher-professional

Toropov P.

The formation of legal activity in young people, as an element of legal culture

The article describes the results of theoretical and empirical research of the social attitude to social legal activity of young people

Keywords: legal culture; attitudes; socio-legal activity; implementation factors in the behavior

Chernikova I., Shestakova D.

Civil society and citizenship as an integrative quality of a person and as a professional competence of the student in the university

An attempt is made to offer a layered approach to restoration of nutrition citizenship in the university training of students and communicates the process of formation of civic qualities of the person with their professional self-determination of young people

Keywords: multi-level approach; civic education; civic development of personality traits

Picus E.

Integrated basic education program as a condition for the interaction of teachers and students

This article discusses the construction of the educational process for third-generation standards-based integrated primary education program in the interaction of teachers with students.

Keywords: cooperation; main educational programs; educational programs; integrated basic education program; modular training in high school

Zajtsev A., Vasyukevich A., Soroka B.

Method of calculation of load vestibular exercise professional-applied physical culture and sports

The calculation formula of quantitative index of vestibular load during physical exercising is offered in the article

Keywords: vocational and applied training, physical exercise, vestibular analyzer, acceleration, load

Alekseeva E.

Some methodical questions of use of sedate numbers in integration of functions

In article by means of substitution with the subsequent use of some Makloren for a new variable the sedate numbers adequately reproducing первообразную function in all area of its existence are received. Earlier absence of such decomposition abreast didn't give possibility to receive Taylor integrals from these functions

Keywords: integral; integration; a number; sedate a number; a method of compositions

Fadeyev V., Usov R.

Optimization system of military education as one of priority directions of passing reform

The article further represents that the problem of regularities of the development of military education, providing a progressive orientation of its reform and focus of military higher education institutions to develop modern officer cadres

Keywords: professional education; trends; technical knowledge; competence; process requirements; levels of development; innovative army

Grigorjev A., Kuryshev V., Fadeeva N.

Training of specialists in the field of jurisprudence in the context of the reform of vocational education

In article existing problems of juridical education in Russia are considered. The special attention is given to a problem to vocational training of experts of law-enforcement bodies in the conditions of modernization and reforming of departmental formation

Keywords: education modernization; vocational training; the preparation maintenance; juridical education

Kuznetsov E.

Didactic positions of designing of pedagogical technology of formation of ecological competence of the engineer of transport

In the given publication the basic conceptual didactic positions of designing of technology of formation of competence in ecological activity of the engineer of transport are considered. Components necessary for its working out are defined.

Keywords: ecological competence; the engineer of transport; pedagogical technology; didactic positions

Fadeyeva V., Shchuklinov V

Training of engineers and technicians of Russia's FSS border service

The problem of training of military specialists of the Russian Federal Security Service, who not only possess the specialized knowledge, skills, determining their ability to solve tasks at a high professional level, but also feel the need to self-improvement of personality

Keywords: professional education; training; military; border security; training content; formation

Martynenkov V., Pestrikov A. Kolmagorov K.

The implementation of modern educational technology professional development specialist engineering and technical professions

Considered modern educational technology professional development specialist engineering and technical professions

Keywords: modern educational technology; engineering and technical professions; professional development

Stepanova N.

Features of the integration of emotional, volitional, and motivational-term areas of the schoolboy

Effective organization of educational process in primary schools promotes knowledge of teachers and school psychologists characteristics of personal development for teaching children in elementary school. The data we obtained in a longitudinal study, revealed the features of integrating the three spheres of the individual primary school students and their patterns of

Keywords: personality young pupil; differentiation; integration; dynamics; learning motivation; interest in academic subjects; value orientations; emotional reactions and states; endurance and stamina; willpower in intellectual-term and repetitive activities

Golovachev S.

Formation of the historical and subject specific competences of students

Article is devoted to the formation of historical and subject specific competences of students contributing to the awakening of historical memory, identity and making it possible not to drown in the global information flow. The author of the well-grounded practical importance of these competences and first formulated the concept

Keywords: competence; history; historical and substantive expertise; methods of formation

Buyanskiy D.

Individual approach to the formation of civic competence of schoolchildren

The author raises one of the most pressing issues of contemporary school education: the education of a competent citizen. The article presents some of the scientific views on the issue of implementing the competence approach, an individual approach, including the interpretation of the concept of "civic competence", the conditions of its formation, the importance of individual approach in the formation of civic competence for human socialization, etc. The author notes a variety of techniques for solving this problem

Keywords: civil competence; individual approach; problem teaching; interactive strategy; mind games; the democratic way of life at school

Stupina L.

The technology of using Web 2.0 services in forming foreign language professional communicative competence of marine specialists

Describes the technology of Web 2.0 services to create a foreign language component of cognitive-communicative competence of professional marine specialists

Key words: Web 2.0 services; foreign language professional communicative competence; communicative-cognitive approach; marine specialists

Khorin S.

Internet technologies in the course of continuous preparation of the engineer of transport.

In article it is considered questions of application of Internet technologies during continuous preparation of the engineer of transport

Keywords: globalization; Internet technology; vocational training; preparation of Transportation Engineers