



ABSTRACTS

Vrachinskaya T., Artisticheva E, Spiridonov V.

Fund of assessment tools: general approaches, structure and stages of formation

The article presents general approaches to the formation of funds of assessment tools; attention is drawn to the types of outcome measures, and describes the sequence of stages of creation of funds of assessment tools

Keywords: assessment tools, assessment, monitoring of progress

Lifintsev D., Serykh A., Lifintseva A.

Supportive communication in helping professions

The problem of supporting communication in the practice of helping professions is analyzed. The connection between the phenomenon of social support and its role in supporting communication is shown. The structure and components of the supporting communication are distinguished

Keywords: social support; supporting communications; helping professions

Lurie I., Tamarskaya N., Kibysh A.

Innovative technology of preventive learning as a method of improving the quality of the educational process

Models for the formation of motivational attitudes of trainees are considered, including a model for changing the educational motivation in the learning process and recommendations are given on their implementation based on the introduction of preventive technology of instruction in the educational process of the university

Keywords: motivation; innovation; training sessions; educational process; preventive teaching method

Tamarskaya N., Bokarev M., Mamonova A.

Interactive methods of forming managerial competencies of graduate students

The problem of forming the managerial competencies of graduate students in the context of future professional activity and special requirements for scientific personnel of the highest qualification is considered. Interactive methods that form the managerial competencies of graduate students are presented and their specific and selective influence on the formation of managerial competences is established. The practical significance of the study of the influence of the presented interactive forms and methods of teaching postgraduate students on the formation of their managerial competences

Keywords: managerial competencies of the graduate student; interactive methods; formation of the competencies of the graduate student; the competence of self-government (self-management); competence management student group; the competence of co-management; researcher; research teacher

Sberegayev N.

The evaluation tool for the academic educational publications effectiveness in Russia

The article considers the problem of the effectiveness assessment of Russian universities educational publications. There is a solution proposed to improve the effectiveness of university educators in the methodical working papers preparation and edition with the

application of the Russian pedagogical citation index

Keywords: Educational publications, textbooks, tutorials, teaching efficiency, professors, higher educational institutions, Russian pedagogical citation index

Mineeva O., Borshchevskaya Yu., Madadova K., Pirogova A., Korneva T.

From the experience of fund assessment tools development for the academic discipline

The aim of this article is to describe the experience in the formation of the fund for assessment tools of the academic discipline "Second Foreign Language (German)". Based on the requirements of normative documents, the main tasks of creating a fund of assessment tools, its structure are defined. A system of assessment tools has been developed. It allows continuous assessment of students' progress and summative assessment at the end of a part of a module as well as assessment of the level of competence formed according to the curriculum of the discipline.

Keywords: higher education; foreign language; control; fund assessment tools; the quality of education

Bokarev M.

Methodological essence of teacher's research activity in technical higher education institution

The methodological essence of teacher's research activity is revealed, the models of research pedagogical activity are presented and the criteria of evaluation of both theoretical and practical significance are validated

Keywords: research activity; educational process; differential-integrated approach; intellectual culture; methodological essence

Vornovskaya N., Kvascha I.

Resource center as a factor of professional pedagogical training quality improvement

This article considers the main approaches to the definition of the "resource center" concept, the main directions and prospects of the activity of the resource center «Pedagogical education»

Keywords: resource center; professional training; pedagogical education

Lubishina S.

Development of the scientific school of pedagogics of individuality on the modern stage

Concept of scientific school presents in the article. The fact of creation of the author's scientific school of pedagogics of individuality is noted. The scientific dynasties formed within the framework of the scientific school are considered. Results of dissertation investigations in pedagogics of individuality are determined. The results are considered on foundational, applied and methodical level. The factors of the further development of the scientific school are determined

Keywords: scientific school; scientific dynasty; pedagogics of individuality

Donina O., Lebedeva N.

Mechanisms for the diversification of additional vocational education for specialists in the social sphere

Discusses the implementation of diversification processes in the system of additional professional education, dictated by the actualization of continuing education in order to ensure the professionally competent specialists of social sphere. Presents the experience of the Institute of additional professional education of social workers of the city of Moscow in implementing the mechanisms and means of diversification of additional professional education

Keywords: additional professional education, diversification, specialist of social sphere, the mechanisms of diversification



Rudinsky I., Okolot D.

The problems and the tasks of training of specialists to information security in the system of secondary professional education

The article deals with the problems and tasks of training future specialists to information security in the system of secondary professional education. The authors identified the problems of training specialists based on specific problems of secondary professional education. The tasks outlined in this article can serve as a basis for developing theoretical and methodological bases for training specialists

Keywords: secondary professional education; information security; training of specialists

Barkaeva I.

Development of professional reflection of students in the process of studying at a university

In the article the problem of development of professional reflection is examined for students in the process of educating in institution of higher learning. The model of educating, developing the reflection of students of institution of higher learning, is presented. Paid attention to the terms and facilities of development of professional reflection of students-psychologists in the process of educating in institution of higher learning

Keywords: professional reflection; model of educating; condition and means of development of professional reflection

Vasilyeva T., Starovoit N.

To the problem of the formation of sanggenons thinking of Bachelors of Pedagogy

The authors' model of integral characteristics of personality as a formation of teacher's sanggenons thinking is presented in the article. The content of the discipline "Sanggenons thinking" for Bachelors of Pedagogy is considered

Keywords: sanggenons thinking; sanggenons education; personality's model; Bachelors of Pedagogy training

Gerasimova A., Balyasnikova E., Skopic D.

Faculty as a basis of education of the financially liquid generation

The article discusses the necessity to prepare financial literate generation of students. The main goal of the authors is to present and justify the author's vision for the introduction of the elective course "Financial literacy" in the curriculum

Keywords: financial literacy; regional specificity; which is formed of competence; means of assessment; elective

Karama L., Iobanova N.

Formation of positive image as professional skill of the expert in the field of the public and municipal administration

In this article need for studying of features and technologies for formation of positive image of the political figure, the territory and public authority's reveals. This knowledge and skills are especially necessary in modern conditions for the expert in the field of the public and municipal administration. The developed key approaches to specifics of formation of positive image in modern science are in sufficient detail analyzed

Keywords: image; technologies of formation of image; image of authorities; competences of the modern head; public and municipal administration

Chelnokova E., Sulimova I., Grigorjan N.

Technologies of tutorials in the system of higher education

In the article the author refers to the history of tutoring as a technology of support and support. The authors point out that tutorship, as its main task, supports individual education based on the realization of individual goals of education, the choice of means and forms of education that are effective precisely within the framework of conscious specific goals, the development of a long-term educational program, tracking its effectiveness and evaluating subject-significant results. The definitions of tutoring for various pedagogical practices are given and analyzed. The main functions of the tutor are considered. Particular attention is paid to the possibility of using the technology of tutoring in the educational space of higher education. It is pointed out that tutoring in higher education contributes to the solution of a number of tasks: from drawing up an individual plan for teaching students, choosing the place of practice, determining the topic of the thesis, choosing a specialization in the specialty, supporting the determination of the required level of education in a multi-level education situation, mentoring during the training period

Keywords: tutor; tutoring; individual education; pedagogical support of education; mentoring functions; tutor functions; tutor system; tutor pedagogical activity in higher education

Konyushenko S., Petrushchenko A., Zhukova M.

STEM-education: Russian and foreign educational practices

This article considers one of the important problems in the enhancement of the educational system – the usage of STEM-approach. There have been analyzed specific STEM-education characteristics. Russian and foreign educational experience has been studied in order to examine the efficiency of STEM-approach. There are presented first results of the implementation of National Technological Initiative in children technical creativity development

Keywords: STEM-approach; STEM-education; robotics

Ryadinskaya Ye.

On the problem of studying the indices of the value-semantic sphere of the population living in the area of the armed conflict

The article presents an analysis of the differences in the indices of the value-semantic sphere of the population living in the area of the armed conflict, in the territories with different intensity of shelling. The empirical study was carried out in the Donetsk People's Republic. The study involved 723 people, their age ranging from 17 up to 75. The people selected were divided into two groups: the first (335 people) – inhabitants of the areas of low-intensity shelling (ALIS), the second (388 people) – the residents from the areas of intensive shelling (AIS). It has been established that the values that are important for the respondents from the areas of low intensity shelling are the following: state of health, communication with friends, freedom, financial position, being employed, family; for the respondents from the areas of intensive shelling they are financial position, the opportunity of self-realization, safety of life, good and peace. It is found that for the respondents from the areas of low-intensity shelling the most important components of life are their professional, family and social activities (mostly for women), leisure and physical activity (for men). As for the respondents from the areas of intensive shelling the level of significance of the basic life values has been lowered. It has been determined that the respondents of the first group are friendly towards the world, ready to share material and spiritual wealth, they have a strong confidence in a decent future, they are full of strength for new initiatives and good deeds, have inner freedom, they do not show any hatred, aggression and anger. Male respondents of the second group are not always able to control their life, they do not hope for any success, they think that the world is hostile to them; women are unkind towards the



world around them, they do not believe in the triumph of justice. The conclusion is that the conditions of the armed conflict due to its extreme nature, not only motivation, vital values and basic beliefs of the people are undergoing significant changes, but the entire value-semantic sphere

Keywords: Value-semantic sphere of personality; area of low-intensity shelling; area of intensive shelling; armed conflict

Chuksina I., Zhao J.

The article presents the results of studying the structure and main directions of the development of the system of professional education of the People's Republic of China as one of the most important parts of Chinese education, which plays a special role in the concept of state development through science and education

Keywords: education in China; higher education in China; professional education in China; vocational education in China; structure of China's educational system

Samsonova M.

Attraction attribution as a theoretical basis of public diplomacy instruments evaluation

The article tackles the issue of measurement and evaluation of the effectiveness of public diplomacy instruments, such as strategies. The authors suggest applying the approach based on the phenomenon of attraction. The evaluation of quality of public diplomacy is presented as the evaluation of influence of capabilities of public diplomacy instruments, and their certain set (aggregate) in subjective and functional strategies of public diplomacy. The article also argues a state that, the more public diplomacy instruments meet the conditions of successful attraction and affiliation, the more likely they would be attractive to the population of a host country, and would provide an involvement effect

Keywords: public diplomacy; public diplomacy strategy; phenomenon of attraction; evaluation instruments public diplomacy strategy ФC BHГ PΦ

Kovalishin P.

Linguistic view of the world as a technological means of forming a linguistic intercultural competence

The paper considers the aspects of studying the linguistic view of the world. Mastering the methods for the systematic analysis of fragments of the Russian linguistic view of the world and the most important concepts (cultural "constants") allows philologists to form a linguistic intercultural competence

Keywords: linguistic competence; linguistic view of the world; intercultural competence; system analysis

Chmyreva M.

Improving the effectiveness of public administration based on personality motivation

The article raises the issue of the efficiency of state authorities, government agencies, officials implementing the will of the state by improving the interaction of public administration employees and citizens. In the focus is the motivated personality as the basis for quality and effective work in public administration. Increasing efficiency is possible through harmonization of personal relations of citizens at any hierarchical level

Keywords: public administration; increasing of the effectiveness of public administration; labor peculiarities of public administration; personal motivation; interaction

Konyushenko S., Kuzmin S.

E-Didactics: heterogeneous information means of education

This article discusses the introduction of digital technologies into the learning process, which contribute to the creation of new means of communication and cooperation. The results of the analysis concepts "digital content", "heterogeneous information means of teaching».

Keywords: digital technologies; digital content; heterogeneous information means of education

Oladyshkina A., Mineeva O.

Project-based method in foreign language teaching: by the example of web-quests

The article describes the main features of the project-based method. The possibility of using web-quests in foreign language teaching is considered in accordance with this teaching method. An overview of some types and basic structure of web-quests implementing the project-based method are given.

Keywords: project-based method; internet-technologies; web-quest

Sokolova I.

Pedagogical condition of introduction of ecology ethics principles in a technical higher school

The article describes the pedagogical conditions of raising professional and ecological competence of machine-building specialists. It also gives recommendations how to apply ecology ethics principles to balance interests of industry and ecology

Keywords: ecology ethics; ecology ethics principle; rights of nature; ethics of sciences of life; ecology training

Starostina S., Kraschenko V.

The practice of using the electronic educational resource for implementation of the master's program

Elements of the electronic educational environment have been created in the disciplines that form the professional competences for the preparation of masters of the direction of 19.04.02 "Food from vegetable raw materials". The algorithm of using the electronic educational resource is developed and its practical realization in the educational process is carried out

Keywords: informatization of the educational process; methodical support of master's programs; electronic educational resource; intensification of learning

Semenova L.

Provision of preparation of competitive persons of hotel industry of kaliningrad region

The peculiarities of applying a practical approach to the preparation of competitive professionals in the hospitality industry on the basis of the Institute of Recreation, Tourism and Physical Culture of BFU and. I. Kant

Keywords: personnel training; competitiveness of human resources; practical approach; cross-border cooperation

Chelnokova E., Sulimova I., Grigorajn N.

Principles of module training

The article is devoted to the consideration of the principles of the organization of modular training as a guarantee of the formation, in the opinion of the authors, of a certain level of professional competence of future specialists. The authors consider a retrospective of the educational process built on the modular principle of instruction in both Western and Russian educational practice. The authors state that the theory and organization of modular training is



based both on general democratic principles and on specific ones, which can be conditionally divided into three groups: the principles for the development of the modular content of the educational program, the principles for implementing the educational program, and the principles for monitoring the effectiveness of the modular program. The authors describe the general characteristic principles of the modular-competence approach in secondary vocational education. In more detail authors consider the principles of modular training: modularity, dynamism, efficiency and efficiency of knowledge, flexibility, a conscious perspective, versatility of methodological counseling, parity

Keywords: vocational training; educational technologies; professional competence; modular training; modular training principles; professional modules; secondary vocational education; pedagogical rules

Lurie I., Shinkareva N.

Formation of the system of value orientations of future specialists in the study of natural science disciplines

The possibility of patriotic education of cadets in the process of teaching physics on the example of the way of life and work of Russian physicists, their contribution to the defense capacity and development of our country, the study of the problem of motivational readiness of citizens of draft age for service in the Armed Forces

Keywords: military-professional motivation; questioning; the formation of patriotic feelings

Avdeeva N., Rudenko A., Ivogina N.

To the question of learning to find originals from given images in the course of special mathematical disciplines

To the problem of finding originals from given images in the simplest cases in the course of special mathematical discipline

Keywords: form; original; Laplace function; convolution operator

Korneva I.

Applied orientation of graph theory in teaching mathematics in a technical university

Some aspects and peculiarities of solving transport problems on graphs are considered in the modeling of transport networks

Keywords: oriented graph; undirected graph; weighted graph; signal graph; model; transport network; traffic flow

Samsonova N., Shvedova D.

Model implementation mediation services in children's and youth sports school

The article discusses a model for the stages of the mediation service in children's and youth sports school

Keywords: conflict; athletic; service mediation; children and youth sports school; systems approach; competence approach; personality-activity approach

Danilenkova V., Tsyganova N.

Fundamentals of the formation of environmental information educational environment of the university

Environmental educational environment depends on information resources, information services, mechanisms for protecting personal data, information computer technologies used in the university. Informatization of the educational environment generates problems related to the health of students, creating comfortable conditions in all spheres of life-saving

Keywords: ecological educational environment; information and communication resource; control model of information-ecological environment

Vlasova E.

The interdisciplinarity of Informatics is a didactic basis for the creation of adaptiv education technologies for engineers

The author of the article substantiates that the basis of the didactic potential of computer science are such characteristics as openness, dynamism, interdisciplinarity. It is shown that this potential can be used to create adaptiv education technologies for engineers

Keywords: computer science; interdisciplinarity; adaptiv education technologies; self-organization; synergetics

Gaten J.

Engineering-psychological competence of specialists of aerospace profile

The article is devoted to the problem of professional training of aerospace specialists. The necessity of engineering and psychological support for the design, creation and operation of advanced aviation and space-rocket complexes is substantiated. The author analyzes in detail and reveals the content of the main structural components of the engineering and psychological competence of future aerospace specialists: cognitive, communicative, managerial, reflexive, motivational and professional psychological. It determines the list of professionally important engineering and psychological knowledge, skills, skills necessary for successful graduate work, and pedagogical conditions for their formation in the system of higher professional education. The results of the questioning of students of the Institute of Rocket and Space Technology and the Institute of Aviation Equipment of the Samara National Research University are given regarding their attitude to psychological disciplines. The positive attitude of the majority of students to the disciplines of the psychological cycle and their understanding of the practical importance of engineering-psychological knowledge, skills and abilities for future professional activities in the aerospace sphere have been revealed.

Keywords: aerospace education; engineering psychology; aviation and space psychology; "man-machine-environment" system; engineering and psychological competence

Korneva I.

Bases of formation of readiness for the experimental decision of research tasks in system of preparation of the engineering staff

The article deals with the conceptual foundations of the formation of readiness for the experimental solution of research problems in engineering education. It is noted that the mastering and application of the necessary physical methods must have the character of a continuous, developing in the content, organization and productivity of the educational activity of the future engineer

Keywords: physical methods; engineering education

Korneva I.

The educational purposes of skill experimentally to solve research and search problems in engineering education *The article provides an overview of educational purposes ability to solve experimental problems in the training of engineers. The constructive value of the development and application of physical methods in the experimental solution of problem tasks in terms of improving the quality of physical education of future engineers*

Keywords: research and search tasks; engineering education; physical methods



Moiseenko S., Mailer L.

Pedagogical risk in training marine specialists

Some results of research in the field of pedagogical risks are presented in the process of organizing training of marine specialists. It is shown that pedagogical risk is a multidimensional construct, differing in subjectivity and irrationality. A scheme for the analysis of cause-effect relationships in the development of negative situations in the learning process is proposed. The main risk factors and pedagogical risks in the training of marine specialists are determined. Determination of the factors of pedagogical risk allows giving a qualitative assessment of the pedagogical situation, which will allow developing measures to reduce the degree of risk

Keywords: learning process; pedagogical risks; risk factors; pedagogical technologies; risk assessment

Timofeev V.

Regarding to the matter of engineering competency formation by studying the "Marine Law" academic discipline

In the article, the experience of studying the "Marine Law" discipline applied with the informative modulation by the cadets majoring in "Navigation", is being reviewed

Keywords: maritime law; information modeling; engineering competencies; formation of competences; academic discipline

Skrypnik V.

Active forms of education as a means of forming a professional competence in a maritime high school

Relevance of research consists in necessity of application of active learning methods in the educational process, the Maritime University in the formation of professional competencies.

The purpose of this article is to analyze the experience of application of modern forms and methods of education as the most important components of formation of professional competence. The study used the methods of comparative analysis, empirical methods, methods of peer assessments. The result of this research is the proof of the undeniable advantages of active learning in the educational process of the Maritime University. Conclusions: modernization of the economy and its infrastructure sectors is impossible without highly qualified personnel; development of marine education is one of the priority tasks of the Russian state; active forms of learning applied in the educational process, is an indispensable condition of improvement of quality of higher education, formation of professional competence of future seafarers

Keywords: the educational process; educational technologies; quality education; active learning methods

Rogozhnikova R., Khusainov A.

Education at cadets of military higher education institution of discipline as moral quality of the personality - the actual problem of the present

The article describes the psychological and pedagogical essence of the discipline and discipline as a moral personality. The role of motive in the process of education of this personality, as well as the structure of relations as an integrative psychological education. The role of habits as the Foundation discipline. The essence of moral development of the individual as a unity of two processes: the process of the translation of moral norms and the process of exteriorization of values, which are the basis of the formation of the discipline of the personality

Keywords: The essence of discipline and discipline; the motive of moral actions; moral attitude; habit;

personality; moral development of personality mechanisms of self-regulation; moral position

Bezmaternyx A.

The system of training cadets of military universities to social interaction

The system of training of cadets of military higher education institutions for social interaction at the heart of which methodological justification, the set of system, activity and partisipativny approaches lies is considered

Keywords: cadet; system of preparation; social interaction; approach system; activity; partisipativny

Varaksin A.

The admission of students of universities of national guard troops of the Russian Federation sports and physical culture

The article discusses the relevance of the development of the process of familiarizing of students to physical culture and sports. The research was conducted by analysing the works of Russian specialists in the field of physical culture and sports. The author substantiates the selection of key methodological approaches, principles and conditions of the process of physical training of students of universities of national guard troops of the Russian Federation. The task, according to the authors, should be achieved through the following approaches, principles, methods of training and education: teachers and their desire to introduce the author developed the approach, an effective interaction of the student with the teacher, a healthy atmosphere in a military collective, the system of assistance to the teacher. The author developed an approach has great potential for development and establishment of the cadet. The results of the study may be of interest to specialists in the field of physical education of the military schools

Keywords: physical culture; military student; motivation; physical health; pedagogy receptions

Golubeva E.

Formation of innovative educational behavior of heads of schools on the basis of resources of the regional project

In this article modern approaches to the formation of innovative educational behavior of head masters in the context of implementation of the regional project "Effective management- new school", the main participants of which are deputy directors of schools, are considered

Keywords: innovative educational behavior of head masters; andragogical approach; continuous professional training; Assessment center method

Kukhorenko N.

Game interaction as a means of forming students` negotiability

The problem of forming students` negotiability by means of game interaction is considered in the article

Keywords: negotiability; game interaction; cooperation; child development

Mamonova A.

Educational technologies and techniques in training highly qualified personnel

There is a need to improve the quality of education and training of highly qualified personnel, the importance of educational technologies and techniques in training highly qualified personnel for teaching activities, their interrelationship in the preparatory process

Keywords: technologies of professional training of the highest qualification; method of teaching, pedagogical skills; professional competence



Sinitsyna T.

Genesis of the concept «research competence» in the system higher education

The article considers genesis of the concept «research competence». Delineated the concept of «competency» and «competence». Defined the concept of research competence with the development of theoretical views on the question of nature and structure the research competence. The article considers pedagogical conditions of the formation of research competency. The review means of the formation research competency in the classroom in high school and during extracurricular time. The article considers the role of the laboratory practical work in shaping research competency of students in higher technical college

Keywords: research competence; research competence; pedagogical conditions of the formation of research competency; means of the formation of research competence, laboratory practical work