

ABSTRACTS

Information about the authors

Management of development of personnel potential of fishing fleet as factor of safety of human activities at sea

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Annotation. Methodological and conceptual bases of management of processes of development of personnel potential of sea and fishing fleet are considered. It is shown that for the purposes of organizing work with personnel of shipping companies, the theory of human resources is of the greatest interest, since the main postulate of this theory is formulated with a focus on the development of the creative potential of the individual. The personnel development management system is based on the use of the following fundamental principles: consistency; optimality; orientations.

Keywords: system, personnel potential, safety of navigation, management, development, technologies

Pedagogical conditions for the implementation of the corporate training model for software and hardware testers

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Annotation. The article discusses the pedagogical principles and conditions for the implementation of the corporate training model for software and hardware testers. The peculiarities of applying the principles of consistency, adaptability, practice-orientation and continuity of learning in the context of corporate training are revealed. Pedagogical solutions are proposed to ensure the integration of theory and practice, the use of digital technologies and the development of mentoring. It is shown that compliance with these conditions contributes to the formation of professional competencies and improving the effectiveness of training.

Keywords: training system, tester of software and hardware complexes, corporate training, pedagogical principle, pedagogical condition, corporate training of IT specialists

Mediation as a Resource for Sustainable Development

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Annotation. Ray Kurzweil in his article in "The Economist" drew attention to the fact that artificial intelligence, revolutionizing the digital world, leads to the transformation of the physical world, primarily in the fields of energy, industrial environment and medicine. This paper examines the impact of artificial intelligence on human socialization and the formation of a sustainable business environment through the prism of digital mediation development and education modernization by expanding cross-cutting educational technologies. At the level of relations between individuals, groups, communities, companies, business structures, and states, mutually acceptable dispute resolution, the transfer of impending or existing crises between the parties to their cooperation improves the processes of human socialization, harmonization of society and state relations, increases the efficiency of entrepreneurship and the harmonious development of the business community within the country and internationally. The purpose of the work is to create a model of the mediation process in the context of rapid digitalization



of human life using information technology tools, including artificial intelligence, as a key resource for sustainable development of the state and strengthening cooperation between the CIS and BRICS countries, and the formation of Greater Eurasia. The new mediation model requires restructuring the educational process with the involvement of specialists in many areas of training, including jurisprudence, international law, history and culture of the peoples of the world, business customs, etc. The work used methods of system and structural analysis. The subject of the research is mediation, the object is the process of mediation in a multinational multicultural environment using information technologies, including artificial intelligence, with the prospect of transferring a conflict situation into cooperation between the parties. The inclusion of a digital mediation model in the educational process of professional training and the expansion of cross-cutting educational technologies will allow training mediator specialists in various areas of technology and production development, organizing entrepreneurial innovations and doing business, the ability to create socially stable groups of people of different specialties and mentalities in a multicultural environment. Today, in the context of the digital economy, this is important for the socialization of a person and the formation of a sustainable business environment. With the creation of verified mediation data banks, both on national and international platforms, mediation will become an important resource for the sustainable development of states, the formation of interstate production ties, in particular, in the environment of small and medium-sized businesses in the CIS, BRICS, Greater Eurasia.

Keywords. Philosophy of mediation, multicultural environment, information technology, cross-cutting educational technologies, artificial intelligence, human-centeredness, conflict as a competitive situation, synergy of cooperation

Formation of professional competence in studying the discipline "Theory and structure of the ship" in a maritime university

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Annotation. Professional competencies are mandatory for the professional activities of seafarers whose work is related to ensuring the safety of navigation. However, in the practice of training marine specialists, insufficient attention is paid to the issues of developing professional competence in accordance with the requirements of the STCW Code in the field of ship theory and structure. The purpose of the study is to substantiate the need for developing professional competence in the training of marine specialists in the discipline "Ship Theory and Structure", taking into account the content of IMO model courses 7.01. "Master and Chief Mate", 7.03. "Officer in Charge of a Navigational Watch", based on the competency-based approach and to experimentally test their effectiveness.

Keywords: professional competence, ship theory and structure, navigation

The role of visual thinking in the organization of educational activities

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Annotation. The article is devoted to the problems of development and use of visual thinking in the educational process. The authors analyze the advantages of using methods of visual structuring of educational material to improve the quality of training, highlight a number of conditions for the formation of visual thinking. The article notes some features of the use of visual thinking in the process of continuous education.

Keywords: visual thinking, educational process, continuous education, adult education

The role of philosophy in the educational space of secondary vocational education and higher education institutions: on the example of Kaliningrad Maritime Fishery College, Baltic Fishing Fleet State Academy Kaliningrad State Technical University

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Annotation. The author of the article addresses the issue of the role and significance of philosophy in the educational space of a present-day technical university and college. Analysing the primary and final survey of college students and cadets/students of BFFSA and KSTU, the author makes relevant conclusions related to the students' requests regarding philosophy and its role in the educational process, preferred methods of study, most interesting topics.

Keywords: philosophy, educational programme, lecture, seminar, practical training

Features of the motivational attitude of the modern generation

O. M. Ermakova – Sankt-Petersburg university of management technologies and economics, St. Petersburg

Annotation. The article deals with the causes of Job Hopping. Generations differ from each other in their worldview, because people are influenced by everything that surrounds them, for example, the events of that time. Differences between generations are due to such reasons as the economic situation of the country, the development of science, technology and ways of transmitting information. Social and cultural factors have a great influence too. The world is changing rapidly, and this is for the better. And at the same time, there are problems associated precisely with large differences in views on everything that happens among people belonging to different generations.

Nowadays, remote and hybrid work, the spread of digital jobs, access to the global employer market, and company failure or downsizing have led to frequent job changes for today's young people. They do not have the intention to work all their lives in one job and link their careers with it.

Keywords: generation, job-hopping, work, career, attitude

To the problem of the content component of the "Actualization method"

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Annotation. The article considers the formation and justification of the application of the conceptual complex "Actualization technique" in the process of teaching natural science disciplines by teachers of the biology department of a military university. The essence of the methodological technique "Actualization" is shown, the dynamics of its semantic content in the process of conducting practice-oriented classes is considered. The analysis of the understanding of the conceptual complex "Actualization technique" and the collegial exchange of experience in its application is carried out. The possibility of applying the actualization technique in classes of various forms is demonstrated.

Keywords: actualization, methodical technique, actualization technique, educational activity, practice orientation, semantic content

The phenomenon of sin and the duality of ethics

N. V. Mednis – PhD in Philosophy, Associate Professor

Annotation. The article presents a modern understanding of the phenomenon of original sin as a need to be included in the framework of secular ethics. In modern society, the concept of sin is reduced to purely everyday concepts, as some prerequisites for deterioration of health or delinquency, and its ontological and axiological aspect is completely lost.

Keywords: original sin, ethics, modern society



Communication as a social and pedagogical problem in a technical university

N. A. Temnyuk – candidate of philosophical sciences, associate professor, Kaliningrad State Technical University, Kaliningrad, Russia

Annotation. The article examines the social and pedagogical problem of communication in a technical university. It reveals the essence and content of the concept of "communication". It shows the role and significance of communication in the pedagogical activity of the faculty of a technical university during the training of future engineers. The focus is on the culture of speech of the faculty and its structure is revealed. An attempt is made to integrate social and humanitarian disciplines into the "technical environment" of a technical university. It shows the role and significance of oratory in the pedagogical activity of the faculty in a technical university.

Keywords: Phenomenology, communication, art, language, sign, principle, word, culture, worldview, creativity, criticality, technology

On the issue of the formation of professionally significant competencies of a university graduate in the aspect of innovative economic development

N. I. Shevchenko – Deputy Director for Social Policy and Promotion, Candidate of Pedagogical Sciences

M. G. Pobegailo – Associate Professor of the Department of Economic Security, Candidate of Economic Sciences, Associate Professor

Annotation. This article presents the authors' point of view on the concept and essence of science through the prism of the public good, shows the role of public goods from the perspective of an integrated approach in the context of achieving the goals of innovative economic development. The authors substantiate the need to take into account the theoretical and applied aspects of the study of public goods in the framework of creating a competence profile of a future university graduate. The existing practices of forming universal competence related to making informed economic decisions in various professional fields, implemented in the process of studying individual disciplines, are analyzed.

Keywords: Public goods, science, technological leadership, universal competencies, economic decisions, higher education, educational programs

Educational policy as one of the priority areas of development of the educational system

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Annotation. Our great leader Heydar Aliyev paid special attention to the development of education, starting from the first days of the independence of the Republic of Azerbaijan. He constantly cared about the development of our education. He paid special attention to studying the world experience in this field, considering it the responsibility of educators, educators and teachers. Even in the first days of our independence, our great leader Heydar Aliyev said: "Azerbaijan as a state is moving along a new economic and political path and is trying to use the experience of all countries of the world, especially Western countries, and it is necessary to use this experience in improving education." The historical experience of world civilization shows that heads of state who attach great importance to science, education and culture not only ensure the economic and cultural growth of their countries but also make a great contribution to world culture. In this sense, Heydar Aliyev's care and attention to the development of national education have always been unique.

Keywords: educational policy, educational reforms, educational strategies, moral values, pedagogical thought

Reflection of the problems of permanent westernization of Russian media in the didactic discourse of humanitarian knowledge

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Annotation. The negative influence of Russian television and radio channels on the restoration of traditional national values of the country's culture, lost as a result of the collapse of the Soviet Union, is substantiated. A comparative and diachronic analysis of the influence of television and radio on the modern socio-cultural situation is carried out. The origin of moral values of modern Westernized culture is substantiated. The spiritual and moral roots of Orthodox culture, which are the basis of the people's value guidelines, are determined. The processes of Westernization and Americanization of domestic media are considered using the example of borrowing artifacts of Western culture in the information space of the Kaliningrad region.

Keywords: Westernized culture, traditional values, information space, Orthodox culture, mass media

Interdisciplinary approach in teaching humanities at an Agricultural university

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A. A. Narinyan – Candidate of Philosophical Sciences, Associate Professor, Kaliningrad State Technical University

Annotation. This study presents an analysis of the impact of an interdisciplinary approach in teaching humanities on the formation of competencies related to the further professional activities of agricultural students. The presented research highlights examples of successful application of an interdisciplinary approach to teaching humanities in an agricultural university. These examples demonstrate the readiness of the educational institution to adapt curricula to modern requirements, introduce interdisciplinary courses and programs that contribute to a deeper understanding of the humanities and the formation of necessary competencies among students. Current practice shows that an interdisciplinary approach to teaching humanities in universities is an important tool that contributes to the formation of a holistic and deep understanding of knowledge, the development of critical thinking and creativity, as well as improving students' professional training.

Keywords: interdisciplinarity, interdisciplinary approach, competencies, fragmentation in teaching, interdisciplinary programs

Textcentrism in enhancing the humanitarian component of engineering education

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Annotation. Textcentrism is considered as one of the features of the modern personality-oriented educational paradigm, along with its anthropocentrism and culture-centrism. The factors determining the role of textcentrism in the processes of humanization of engineering education are investigated and the possibilities of further enhancing its humanitarian component are assessed.

Keywords: humanization of engineering education, humanitarian culture, textcentrism, text, textual activity, textual competency



Curriculum as a basis for high-quality graduate training

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Annotation. The importance of the curriculum at the university is considered using the example of training specialists for the construction industry in the field of Industrial and civil engineering with qualifications of "engineer" and "bachelor" for the period from 1989 to 2024. The educational process is considered as a process characterized by educational goals, for which the curriculum is intended to achieve. A brief analysis of the changes in curricula at Kaliningrad State Technical University depending on the goals of higher education at the turn of the nineties of the twentieth century - the beginning of the 21st century in connection with the adoption of the federal law "On Education" and the introduction of educational standards is carried out.

Keywords: education, purpose, curriculum, university, educational standard, law, subject

Museum pedagogy as a means of historical and patriotic education of youth

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Annotation. The article examines the importance of museum pedagogy as an innovative approach to teaching and educating students and cadets in the discipline "History of Russia" and other disciplines of the humanitarian cycle. The author considers museum pedagogy as an interdisciplinary methodology that contributes to the formation of a worldview and the development of the personality of students.

Keywords: patriotism, patriotic education, museum, museum pedagogy, forms and methods of museum pedagogy, history of Russia

New interdisciplinary project "Service-learning": goals and features of the pedagogical approach

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Annotation. The article is devoted to the study of pedagogical goals and objectives in the process of teaching a new discipline "Service Learning". The article presents a comparative analysis of utilitarian and anti-utilitarian approaches in the learning process. The specifics of service learning in the context of Russian culture are studied.

Keywords: service, Service Learning, utilitarianism, patriotism

The project and game potential of film pedagogy in teaching russian as a foreign language

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Annotation. The article is devoted to the possibilities of using a system of project and game tasks in teaching Russian as a foreign language (RFL) based on film pedagogy methods. It was hypothesized that the methods of film pedagogy, combining the characteristics of media education, project and game approaches, are effective in teaching RFL, since they correspond to modern audiovisual culture. The study showed that the implementation of project and game tasks based on film pedagogy methods is possible already at the basic level of mastering the Russian language (A2). The conducted research allowed us to verify the hypothesis proposed by the authors about the high linguistic and didactic potential of film pedagogy in teaching Russian as a foreign language.

Keywords: film pedagogy methods, media education, game and project learning, Russian as a foreign language

**Professionally-oriented scientific text in teaching the language of the specialty
to foreign students at an engineering university**

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Annotation. The article is devoted to teaching foreign students, future specialists in the field of maritime professions, the language of the specialty using the material of educational scientific texts. A system of exercises on the topic "Signaling at sea" is presented, which helps students better assimilate Russian-language educational material on the discipline "Nautical Pilotage" and ensures the ability to understand and produce scientific text on the specialty.

Keywords: Russian language, teaching the language of the specialty, professionally oriented training

**Development of cognitive interest in decorative and applied arts
by means of information technologies**

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S. N. Yakimenko – Student

R. G. Chashin – Student

Annotation. The process of developing cognitive interest in decorative and applied creativity by means of information technology is considered. The authors analyzed the scientific literature on the research topic. According to the authors, the combination of traditional teaching methods (analysis of decorative works, comparisons, online testing, video workshops) with information technology (educational website) has a positive effect on the cognitive interest of students.

Keywords: cognitive interest, arts and crafts, information technology

Forming of critical thinking of students majoring in construction

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Annotation. The article justifies the necessity of forming of critical thinking skills of construction speciality students. The significance of information presentation is determined by the factor of reference to an authoritative source and synthesis of previously acquired knowledge. A number of assignments for graduate students, successfully tested and recommended for inclusion in the content of the disciplines "Inspection of Buildings and Structures" and "Fundamentals of Technical Operation of Buildings and Structures" is given.

Keywords: Critical thinking, forming of competences, exploitation of buildings, construction, construction expertise

**Using active methods and Artificial Intelligence in foreign language teaching
among technical university students**

E. V. Volodina – Candidate of Pedagogical Sciences, Associate Professor

I. V. Volodina – teacher

Annotation. Artificial Intelligence (AI) acquires increasing importance in all spheres of activity all over the world. Integration of information and communication technologies and artificial intelligence into educational process is relevant. Using artificial intelligence in educational process creates an opportunity to develop critical thinking, problem-solving skills and ethical reasoning among students. The novelties in educational process are connected with using effective methods which contribute forming cognitive abilities among technical university students: speech, thinking, attention, memory, imagination, etc. in mixed education.

Keywords: cognitive abilities, speech



Formation of ecological knowledge of students of the agricultural university in the direction of training "Aquatic bioresources management"

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Annotation. To improve the quality of professional training of specialists, knowledge in the field of ecology is necessary. Ecological knowledge in the field of aquatic bioresources and aquaculture is aimed at preserving water resources, selecting and using safe technologies for their reproduction. The main objective of the study is to form ecological knowledge when studying the special course "Ecology in an Agrarian University" and to identify the pedagogical conditions for their formation in students of the Timiryazev State Agricultural University in the direction of "Aquatic Bioresources Management" for future professional activities. The importance of environmental training during the training period is confirmed by the requirements of the Federal State Educational Standard and the professional standard for the formation of competencies in the field of environmental protection. In practice, when studying the discipline "Ecology" in an agricultural university, insufficient attention is paid to the content of the discipline, taking into account the system and technological approaches. Purposeful organization of pedagogical conditions for the acquisition of ecological knowledge, skills, abilities, and the acquisition of experience in using ecological knowledge when studying professional disciplines ensures the quality of training a specialist in the field of aquatic bioresources management. The results of the study showed that the application of the principles of the system-technological approach in the block-modular construction of the discipline "Ecology in an agricultural university" will allow the implementation of professionally oriented environmental training of students in an agricultural university.

Keywords: environmental knowledge, system, technological approach

An essay as a type of educational activity in teaching a discipline "Foundations of russian statehood"

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Kaliningrad, Russia

Annotation. The article discusses the application of tasks in the form of essays in teaching the discipline "Fundamentals of Russian statehood". The features of the essay as types of educational activity, the features of the essay in relation to the discipline "Fundamentals of Russian statehood" are investigated. The author summarizes his own experience of teaching the discipline "Fundamentals of Russian statehood". The novelty of the work consists in developing proposals for the formation of students' ideas about the values of the Russian worldview and improving the effectiveness of teaching the discipline "Fundamentals of Russian Statehood".

Keywords: discipline "Fundamentals of Russian statehood", an essay as a type of educational activity, spiritual and moral values

Digital didactics and personality traits of higher education students: a systematic review of international experience

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A. B. Kondratenko – Doctor of Pedagogical Sciences, Professor

B. A. Kondratenko – Candidate of Pedagogical Sciences, Associate Professor

Annotation. The article is devoted to the analysis of the relationship between digital didactics and personal properties of higher education students in the conditions of digital transformation of education in international pedagogical science. The research for the last two decades (the period 2000-2024) has been systematized, and an attempt is made to identify the key factors relating to students' personality that influence the success of distance learning. The article emphasizes the need

for a personalized approach in digital didactics, where technologies should consider not only cognitive but also emotional aspects of learning. Practical recommendations aimed at bridging the digital divide and ensuring that pedagogical practice meets the current challenges of the digital economy are proposed.

Keywords: digital didactics, distance learning, students' personal properties, hybrid learning, digital transformation of education

The introduction of artificial intelligence in the educational process

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M. I. Koldina – Candidate of Pedagogical Sciences, Associate Professor

M. P. Prokhorova – Candidate of Pedagogical Sciences, Associate Professor

Annotation. In the modern world, with the rapid development of information technology, artificial intelligence is becoming part of the educational process. It has a special impact on educational activities, offering us a variety of ways to increase the effectiveness of the education system. This article reveals the relevance of artificial intelligence, as well as the advantages and disadvantages of its implementation in education. Conclusions are drawn about the impact of the use of artificial intelligence on the educational process.

Keywords: artificial intelligence, educational process, innovative technologies

Analysis of the educational potential of digital platforms

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Annotation. The changed trends in education, the active development of design platforms, and various software products contribute to the search for and creation of increasingly convenient information services. In order for the university to remain a competitive educational organization, it is necessary to constantly improve the educational process. The article is devoted to the analysis of available design platforms, as well as the use of chatbots as modern learning tools.

Keywords: design platforms, chatbot, trends, learning, artificial intelligence

Simulation modeling of income dynamics and income tax burden

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Annotation. The article presents a comparative analysis of income tax burden in BRICS countries using simulation modelling. Macroeconomic factors affecting the tax burden are considered, including the level of social inequality, inflation and wage dynamics. The choice of currency for unification of calculations is carried out, resulting in the use of the Chinese yuan (CNY) as the base currency. A simulation model that takes into account stochastic income distribution and progressive taxation scales was developed. The simulation results reveal significant differences in the tax systems of the BRICS countries: China and South Africa exhibit more progressive taxation scales, while Russia and India maintain relatively low tax burdens. The paper confirms the effectiveness of progressive rates to reduce the burden on the poor.

Keywords: tax burden, income tax, social inequality, simulation modelling, progressive taxation



The problem of adapting fifth graders to the age crisis

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E. V. Kostina – Bachelor of the Institute of Education and Humanities, Immanuel Kant Baltic Federal University, Kaliningrad, Russia

Annotation. The article considers the problem of adaptation of fifth graders to the new educational environment in conditions of age crisis, typical for this age period. The article provides an analysis of psychological and physiological features of young adolescents, identify the main difficulties that students face when moving to secondary school. The needs and motivational features of young adolescents are examined. The phenomenon of splitting the demand-motivational sphere of students is considered.

Keywords: adaptation, fifth graders, age crisis, adaptation difficulties, adaptation factors, needs, motivation

Features of family parenting styles in extended families

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E. A. Torpakova – Candidate of Philological Sciences, Associate Professor

Annotation. The article analyzes the traditions of studying parenting styles in Russian and foreign literature. The factors and conditions influencing family parenting styles are considered. The psychological problems that arise when using destructive family parenting styles in extended families are raised. The article describes the results of an empirical study of family parenting styles in extended families. The practical application of the results of this study is reflected in psychological recommendations for optimizing the stylistic characteristics of parenting in extended families. This article is intended as a recommendation.

Keywords: parenting style, family relationship style, type of parental relationship, extended family, child-parent relationship, type of culture, nuclear families, hyperprotection, hypoprotection, U-Mann-Whitney criterion. I am of a recommendatory nature

Digital apps for healthy lifestyle

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Yu. S. Martemyanova – Student

E. O. Utkina – Master's student

Annotation. This article presents an analysis of digital applications for maintaining a healthy lifestyle. The work presents the pros and cons of various platforms. The role of physical activity and nutrition in human health is also described, the importance of a healthy lifestyle is emphasized. Despite the fact that innovative technologies simplify human activity, the article presents the positive aspects of implementations in the form of platforms, programs, bots. Digital applications for maintaining a healthy lifestyle should be used in educational institutions of secondary and higher vocational education.

Keywords: healthy lifestyle, innovative technologies, digital platforms, professional training.

**The relationship of the level of trust in people with strategies of behavior
in conflict among the children of the orphanage**

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Annotation. The article deals with the problem of the relationship between the level of trust in people and the strategies of behavior in conflict among the children of the orphanage. The results of an empirical study are presented, and training has been developed to increase the level of trust in people and develop skills for effective behavior in conflict situations for children from an orphanage.

Keywords: trust in people, behavior strategies, conflict, pupils, orphanage

Possibilities of the principles of education in education to prevent bullying

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Annotation. The article examines pedagogical technologies, principles of educational work, and models of interaction to prevent bullying in educational institutions. The scientific article analyzes bullying, which has become a serious problem in secondary schools. Bullying has become one of the increasingly serious problems in the educational environment. Bullying leads to a violation of the social and moral atmosphere and affects the educational process at school. From this point of view, the fight against bullying and harassment should be approached comprehensively and use all the opportunities that pedagogy offers. This complex process is based on the principles of education.

Keywords: bullying, oppression, bullying, principles of education, systematic education, school environment, cooperation

Features of personal maturity and value orientations of future educational psychologists

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Annotation. The article is devoted to the study of the relationship between personal maturity and students' values. The relevance of the topic is due to the fact that at the student age there is an active formation of identity, a system of values and traits of adulthood, which affects the choice of a life path and social adaptation. The study was conducted on a sample of students using V.A. Ruzhenkov's methods of diagnosing personal maturity and the values questionnaire. Schwartz. The results showed the presence of statistically significant correlations between the indicators of maturity and the focus on the value of security. This indicates that a sense of stability and predictability can be an important resource for the development of a mature personality and the formation of a value-semantic professional Self-concept of future educational psychologists.

Keywords: personal maturity, traits of developing adulthood, values, value orientations, safety, responsibility, student life



Development of diagnostic tools to study the level of stress tolerance development in adolescents

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Annotation. A model for the development of diagnostic tools for studying the development of stress tolerance in adolescents through the use of mixed techniques is presented. Definitions of the concept are formulated, indicators are highlighted, diagnostic methods are defined and diagnostic tasks for adolescents are developed.

Keywords: stress resistance, mixed techniques, stress level, stress, diagnostic tools

The pedagogy of happiness: how to create a positive educational environment

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Annotation. This scientific article examines the essence of positive pedagogy or the pedagogy of happiness, which is the key to successful education. The differences between the considered pedagogy and the traditional one are shown, and the conclusion is made about the benefits of the former. The basics and main goals of happiness pedagogy are listed. It reveals why creating a positive and happy learning environment is relevant and has a positive effect on learning, and why it is so necessary. The principles and methods of happiness pedagogy are analyzed, and visual author's schemes are shown. At the end of the scientific article, an important conclusion is made that positive pedagogy is very important and should be applied in an educational environment, as it is one of the most important tools of modern education and training.

Keywords: pedagogy of happiness, positive pedagogy, pedagogy, educational environment, teaching methods

Formation of the Physics Department of the Kaliningrad State Technical University

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Annotation. The article describes the history of the formation of the Physics Department of the Kaliningrad State Technical University from 1958 to the present.

Keywords: physical education, history of formation, department of physics, fisheries industry, Kaliningrad State Technical University, Baltic Fishing Fleet State Academy

Interdisciplinary approach in research activities of cadets in physics

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Annotation. The article considers the issues of using an interdisciplinary approach in research and educational activities of cadets of maritime specialties as a tool for developing professional competencies of cadets. Examples of the implementation of this approach in educational and creative processes are presented, as well as its role in training future maritime specialists who are able to effectively solve complex professional problems. Particular attention is paid to the role of physics as a discipline that forms a scientific worldview and understanding of natural processes. An interdisciplinary approach is considered as a key tool for integrating theoretical knowledge and practical skills necessary for successful professional activity.

Keywords: professional competencies, interdisciplinary approach, interdisciplinary connections, professionally oriented training, skill development, physics, higher education

Coordinate method for solving problems in physics at a technical university

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Annotation. The method of solving problems in physics is provided.

Keywords. Coordinate method, physics problems, kinematics, dynamics

Social and psychological context of formation of patriotism of cadets during their military-professional development

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Annotation. The article provides a theoretical analysis of the socio-psychological context of the process of patriotism formation in the context of military professional development of military institute cadets. The socio-psychological picture of the factors that have a significant impact on the processes of patriotism formation has been established. A three-component structural model of patriotism of military institute cadets is proposed, including: spiritual-value, personal-activity and social components. The results of the study make it possible to determine the conditions for optimizing the process of military professional socialization of military institute cadets, and can also be used in the development of training programs for the formation of patriotic orientation among future officers.

Keywords: patriotism, cadets, socio-psychological context, military and professional development

Weapons possession as a factor in the development of professional responsibility of future officers of the Russian National Guard

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Annotation. The article considers the phenomenon of professional responsibility of future officers of the Russian National Guard. The essence of professional responsibility formation in the military environment is analyzed. The opinion of the scientific and pedagogical community on the component structure of professional responsibility and its content is summarized. The structure of the fundamental course "Fire Training" is analyzed. The methods of forming professional responsibility within the framework of mastering the course of fire training are disclosed in detail, practical tools are presented that can be used to achieve the goal. The presented methods are summarized and conditionally grouped into areas: organizational, educational, ensuring the safe operation of weapons systems. The importance of a comprehensive and systemic approach to the formation of professional responsibility of future officers of the Russian National Guard is emphasized.

Keywords: cadet, fire training, professional responsibility, military university, military education, methods of forming professional responsibility



Comparative retrospective analysis of legal education and training at various stages of the development of armed formations in Russia

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Annotation. The provisions on the existing problems in the legal training of military personnel and possible ways of solving them are formulated. A historical analysis of the legal training and education of military personnel of law enforcement agencies and structures at various historical stages is carried out. Legal aspects for a possible solution to modern problems in increasing the efficiency of performing service and combat tasks are revealed. The result of the study is the development of solutions that are based on the specification of a unified understanding of the provisions regulating the legal activities of military personnel.

Keywords. History of Russian Empire. Professional skills, legal education, military education, militaries, military discipline, military crimes

Historiography of adaptive gamification in the preparation of future IT specialists for business communication

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Annotation. The article is devoted to the historiographical analysis of adaptive gamification as a tool for preparing future IT specialists for business communication. The author identifies three key stages of gamification development: initial, experimental and systemic. Special attention is paid to the use of game simulators and platforms for the development of soft skills among IT specialists. In the future, further development of AI gamification and VR simulations is expected, which will increase the effectiveness of training for business communication.

Keywords: gamification, adaptive learning, IT specialists, business communication