



ABSTRACTS

Information about the authors

The media as the architect of Russian cultural policy

V. A. Shakhov, Baltic State Fishing Fleet Academy "Kaliningrad State Technical University", Kaliningrad, Russia

Annotation. This article examines aspects of the immoral side of Russian culture related to the transformation of traditional cultural values through television programs and television films. The tools of television's pedagogical influence on recipients are discussed. An assessment is made of the detrimental influence of television programs, where the media act as a means of mass influence on society. The negative impact of mass media commercialization is also assessed.

Keywords: immoral culture, sensory culture, pathological culture, counterculture, pedagogical culture, traditional values, commercialization of culture, Westernization of culture, advertising, creative individual, consumer individual, Anglicisms, linguaculture, cultural policy

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: V. A. Shakhov. The media as the architect of Russian cultural policy. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):7-11. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-7-11>

Podcasting as an innovative tool in the modern educational environment

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

Annotation. This article presents the author's perspective on the concept and essence of podcasting and demonstrates its role as an innovative tool in the modern educational environment. The author substantiates the need to use podcasts within the educational space as a relevant tool for teaching, developing, and nurturing individuals within a unified, integrated Russian society. Existing approaches to developing a typology and methodological characteristics of podcasts are analyzed.

Keywords: podcasting, innovative tool, higher education, educational content

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: N. I. Shevchenko. Podcasting as an innovative tool in the modern educational environment. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):12-15. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-12-15>

The role of the history of philosophy as the basis of a philosophical worldview

A. I. Vinogradov – Doctor of Philosophy, Professor, Baltic State Fishing Fleet Academy "Kaliningrad State Technical University", Kaliningrad, Russia

Annotation. This article examines one option for constructing a university philosophy course based on historical and philosophical concepts. The author demonstrates that, despite criticism, this approach, when properly approached, has enormous potential to develop students' knowledge of the substantive aspects of philosophy and demonstrate the best examples of logical and reasoned thinking.

Keywords: worldview, philosophy, history of philosophy, teaching

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: A. I. Vinogradov. The role of the history of philosophy as the basis of a philosophical worldview. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):16-20. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-16-20>

**Kant's philosophical views on the processes of cognition and their significance
for the formation of ecological consciousness today**

A. B. Serykh¹ – Ph.D., Doctor of Psychology, Professor

I. A. Sokolova² – Ph.D., Associate Professor

¹Immanuel Kant Baltic Federal University, Kaliningrad, Russia

²Kaliningrad State Technical University, Kaliningrad, Russia

Annotation. The importance of Kant's philosophy of cognition for the formation of ecological consciousness in the process of obtaining knowledge in the pedagogical space of a technical university in relation to the outside world determined the purpose of the study.

Keywords: ecological consciousness, cognition, sensation, perception, representation, thinking, mind

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: A. B. Serykh, I. A. Sokolova. Kant's philosophical views on the processes of cognition and their significance for the formation of ecological consciousness today. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):21-26. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-21-26>

**From general to specialized education: universal technology for introducing
specialized education in pedagogical classes**

A. M. Ageevets – is the director and a teacher of the qualification category "teacher-methodologist"

Annotation. The article discusses the current challenges faced by secondary schools in the Republic of Belarus. The main objective is to create an environment that allows each student to choose the content of their education at the third stage, which will enable them to fully develop their individual characteristics, natural abilities, and meet the needs of both the student and their legal representatives. Since 2022, the school has implemented a unified continuous education system that ensures continuity and effectiveness between schools, colleges, and universities. The educational institution has engineering and medical classes, and a pedagogical class will be opened in the 2025/2026 academic year. The implementation of these profiles in the school's educational process is based on the author's technology, which consists of 10 stages.

Keywords: profile, specialized education, training; continuous education, differentiated approach, technology

The article was submitted 31.03.2026; approved after reviewing 30.04.2026; accepted for publication 08.05.2026.

For citation A. M. Ageevets. From general to specialized education: universal technology for introducing specialized education in pedagogical classes. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):27-31. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-27-31>

**The problem of fostering traditional values in a modern technical university:
a philosophical and sociological analysis**

E. V. Dorofeeva – PhD in Pedagogical Sciences, Associate Professor of the Department of Philosophy and Cultural Studies, Institute of Engineering Pedagogy and Humanitarian Training, Baltic State Fishing Fleet Academy "Kaliningrad State Technical University", Kaliningrad, Russia

Annotation. The author of the article addresses the problem of fostering traditional values among students and cadets at technical universities. The scientific publication provides a definition of traditional Russian values, analyzes an online sociological survey, identifies the role of spiritual and moral values in the consciousness of the student youth, and outlines a number of proposals and approaches for the most effective methods of forming the worldview of future specialists, as well as preserving historical memory based on internalized traditional Russian values.



Keywords: traditional values, formation of traditional values, nurturing, traditions, value orientations of the person, sociological analysis, philosophical analysis, family, humanism, patriotism, Russian Orthodox Church, priority of the spiritual over the material, compassion, historical memory, unity of Russian society

The article was submitted 12.04.2026; approved after reviewing 12.05.2026; accepted for publication 19.05.2026.

For citation: E. V. Dorofeeva. The problem of fostering traditional values in a modern technical university: a philosophical and sociological analysis. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):32-37. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-32-37>

The pedagogical position of a higher education instructor in context of the implementation of socially significant projects at a technical university

M. A. Zakharyan – Candidate of Pedagogical Sciences, b/w Department of Engineering Pedagogy, Sociology and Management, Moscow Automobile and Road Construction State Technical University, Moscow, Russia

Annotation. This article provides a theoretical analysis of the pedagogical position of a university teacher and raises relevant issues in the context of implementing socially significant projects at a technical university as part of the "Service Learning" initiative, which has been implemented at Russian universities since 2023. The experience of the Moscow Automobile and Road Technical University (MADI) has demonstrated the key role of the teacher as a mentor and curator, providing not only organizational support for the project but also facilitating the development of critical thinking, communication skills, and reflection in students. The article also substantiates the potential of using socially significant projects as an effective platform for developing a new pedagogical model for technical school teachers aimed at fostering the social responsibility of future engineers.

Keywords: pedagogical position, technical university, socially significant projects, engineering training, universal competencies, value guidelines, reflective abilities, Service-Learning initiative, humanization and humanitarization of engineering education, integration of social and humanitarian components, social consequences of engineering solutions, project stakeholders

The article was submitted 02.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: M. A. Zakharyan. The pedagogical position of a higher education instructor in context of the implementation of socially significant projects at a technical university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):38-46. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-38-46>

Development of student's employability competencies in the context of modern labor market challenges

M. Zh. Kirakosyan – Associate Professor of the Department of Management, Kaliningrad State Technical University

Annotation. The study of the labor market in the Kaliningrad region has revealed a growing demand for specialists with modern employability competencies, especially in large companies and the service sector. Analysis of vacancies for young professionals identified two main salary groups: line employees and managers. This highlights the importance of developing both professional and managerial skills among students. The largest share of vacancies is concentrated in the tertiary sector of the economy: services, trade, hospitality, and healthcare. High staff turnover in these industries creates a need for continuous training focused on practical skills and customer interaction.

The Kaliningrad region is among the leaders in demand for specialists with well-developed employability competencies. However, there is a structural imbalance: the training provided by educational institutions does not always meet the real needs of the labor market. There is a shortage of workers in skilled trades (builders, drivers, cooks, medical personnel) alongside a surplus of graduates in other fields.

Based on the research, a textbook and a video course have been developed as effective tools for shaping students' competencies necessary for successful employment. The use of such materials will help bridge the gap between educational programs and employer demands, as well as establish unified regional requirements for the training of qualified personnel.

Keywords: regional labor market, geopolitical environment, vacancies, demand, professional competencies, blended learning

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: M. Zh. Kirakosyan. Development of student's employability competencies in the context of modern labor market challenges. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):47-58. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-47-58>

The concept of a new educational program for the specialty "Bioeconomics of fisheries and Aquaculture"

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

I. A. Kramarenko – Candidate of Economic Sciences, Associate Professor

A. L. Zinovieva – Candidate of Economic Sciences

Annotation. The article presents the author's concept of the development and implementation of the innovative educational program of higher education "Bioeconomics of fisheries and aquaculture" (qualification "engineer-economist"). The relevance of the research is due to the systemic crisis in the field of personnel training for the fisheries sector, characterized by the fragmentation of knowledge and the gap between technical, biological and economic management units. The purpose of the article is to theoretically substantiate the structure and content of an interdisciplinary program that forms an integrator specialist capable of carrying out technical and economic optimization of value chains based on the principles of bioeconomics and circular economy. The methodological basis of the research was a systematic approach, a content analysis of existing educational standards and professional standards in the field of fisheries, aquaculture, food biotechnology and enterprise economics, as well as a method for modeling competencies. As a result of the research, a key personnel shortage of fishing and aquaculture actors in the specialists of the bioeconomics sector has been identified. A detailed training plan is proposed. The resource provision of the program is justified. A comparative study of the career prospects of graduates of the specialty "Bioeconomics of fisheries and aquaculture" has been conducted. The proposed concept is not an evolutionary update, but a revolutionary educational model aimed at overcoming narrow-industry fragmentation. Its implementation will facilitate the transition of the Russian fisheries sector from a raw model to an innovative bioeconomy, providing a human resource base for the implementation of national strategic priorities in the field of food security and technological sovereignty.

Keywords: bioeconomics, educational program, fisheries, aquaculture, engineer-economist, interdisciplinarity, sustainable development, staff shortage, competencies, circular economy

The article was submitted 02.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: M. G. Pobegailo, I. A. Kramarenko, A. L. Zinovieva. The concept of a new educational program for the specialty "Bioeconomics of fisheries and Aquaculture". The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):59-64. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-59-64>



Shaping the future of corporate education based on the implementation of the concept of self-learning organizations

S. V. Savanovich – Candidate of Economic Sciences, Associate Professor, Kaliningrad State Technical University, Kaliningrad, Russia

Annotation. The article is devoted to the prospects for the development of corporate education, the study of the role of a self-learning organization in the formation of continuing professional education, and the identification of the link between a self-learning organization and corporate education.

Keywords: corporate education, corporate training, self-learning organization, practice-oriented training

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: S. V. Savanovich. Shaping the future of corporate education based on the implementation of the concept of self-learning organizations. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):65-69. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-65-69>

Implementation of phenomenological education model in technical university

M. M. Simonovich – Senior lecturer of the department "English Language" № 2, Belarusian national technical university, Minsk, Belarus

Annotation. Analysis of the education phenomenological model implementation at the technical university is carried out. The process of teaching humanitarian disciplines to the first year students, specialized at "Construction of buildings and structures" and "Engineering and pedagogical activity" is considered using the example of English.

Keywords: pedagogy, learning phenomenology, technical university, personality, student, person-oriented approach, humanitarian disciplines

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: M. M. Simonovich. Implementation of phenomenological education model in technical university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):70-74. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-70-74>

Interdisciplinary aspects of teaching social and humanitarian disciplines: a synthesis of historical traditions, social responsibility and labor regulation

I. K. Arintseva – Senior lecturer, Kaliningrad State Technical University, Kaliningrad, Russian Federation

Annotation. This study substantiates the need to integrate knowledge from various disciplines in the educational process of university students studying in the social sciences and humanities. It examines the general patterns and characteristics of the interrelationships between subjects within the social sciences and humanities, emphasizing the importance of interdisciplinary connections. The importance of an interdisciplinary approach is suggested for developing a well-rounded citizen and highly qualified specialist. The reasons for the need for interdisciplinary synthesis in teaching the social sciences and humanities are described. General patterns and characteristics of the interconnections between subjects within the social sciences and humanities are examined, emphasizing the importance of interdisciplinary connections. A teaching methodology is proposed that fosters a comprehensive understanding of the world, society, and one's role in it.

Keywords: social sciences and humanities, readiness for professional activity, current knowledge, educational process, content of professional education, competitiveness

The article was submitted 02.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: I. K. Arintseva. Interdisciplinary aspects of teaching social and humanitarian disciplines: a synthesis of historical traditions, social responsibility and labor regulation The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):75-82. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-75-82>

Formation of legal literacy of students in the educational space of the university

N. V. Bystrova, Federal State Budgetary Educational Institution of Higher Education
"Kozma Minin Nizhny novgorod State Pedagogical University", Nizhny Novgorod

S. A. Zinovieva, Federal State Budgetary Educational Institution of Higher Education
"Kozma Minin Nizhny novgorod State Pedagogical University", Nizhny Novgorod

Zh. V. Rembolovich, Candidate of Pedagogy, Associate Professor, Baltic State Fishing Fleet Academy
"Kaliningrad State Technical University", Kaliningrad, Russia

Annotation. This study identified developing students' legal literacy in the university educational environment as an important task aimed at preparing citizens capable of protecting their rights, participating consciously in public life, and abiding by the law. Legal literacy encompasses knowledge of legal norms, the ability to apply them in practice, legal culture, and legal awareness. When organizing events aimed at developing students' legal literacy, universities face specific organizational mechanisms, key elements of which are strategy development and the legal framework. The authors determined that effectively developing students' legal literacy requires a systematic approach: a combination of theory and practice, institutional support mechanisms, active learning methods, and interaction with external partners. This enhances the legal culture of the student body and promotes the development of responsible citizens.

Keywords: law, legal norms, legal literacy, developing students' legal literacy, professional training, professional education, university

The article was submitted 03.04.2026; approved after reviewing 06.05.2026; accepted for publication 13.05.2026.

For citation: N. V. Bystrova, S. A. Zinovieva, Zh. V. Rembolovich. Formation of legal literacy of students in the educational space of the university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):83-87. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-83-87>

Professional versatility of future managers: a factor in successful adaptation and effective work performance

T. M. Derendyaeva – Ph.D., ped. Sciences, Associate Professor, Kaliningrad State Technical University, Kaliningrad, Russian Federation
<http://orcid.org/0000-0002-6337-4400>

Annotation. The study focuses on the development of professional versatility in future managers, including their acquisition of theoretical knowledge, practical skills, and readiness to effectively apply them in their subsequent professional activities. Developing professional versatility is viewed as a critical factor in successfully adapting to changing labor market conditions and improving their professional performance. The need for an integrated approach to the educational process is emphasized, which will enable students to navigate various fields of knowledge, quickly adapt to new economic conditions and technologies, and successfully combine a deep theoretical foundation with the necessary practical skills to solve complex problems in today's competitive environment.

Keywords: professional versatility, readiness for professional activity, relevant knowledge, universal competencies, content of professional education, competitiveness

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: T. M. Derendyaeva. Professional versatility of future managers: a factor in successful adaptation and effective work performance. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):88-96. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-88-96>



Integration of esg principles into the educational process of an agrarian university

N. A. Eremeeva, Russian State Agrarian University, Moscow Timiryazev Agricultural Academy, Moscow, Russia

I. N. Sycheva, Russian State Agrarian University, Moscow Timiryazev Agricultural Academy, Moscow, Russia

Annotation. The article considers the use of sustainable development principles (ESG principles) in the educational process of an agricultural university using the example of the discipline "Ecology in an agricultural university". The purpose of the work is to form environmental knowledge when studying the special course "Ecology in an agricultural university" and to identify pedagogical conditions for their formation in students of the Russian State Agrarian University-Moscow Timiryazev Agricultural Academy in the direction of training "Aquatic Bioresources Management" for future professional activities. To improve the quality of professional training of specialists, knowledge in the field of ecology is necessary. Environmental knowledge in the field of aquatic bioresources and aquaculture is aimed at preserving water resources, selecting and using safe technologies for their reproduction. 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. The 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: ESG principles, environmental knowledge, systemic, technological approach

The article was submitted 13.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: N. A. Eremeeva, I. N. Sycheva. Integration of esg principles into the educational process of an agrarian university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):97-104. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-97-104>

Formation of concepts about patriotism within the framework of the discipline "Foundations of Russian statehood"

A. B. Machanek, Baltic State Fishing Fleet Academy "Kaliningrad State Technical University", Kaliningrad, Russia

Annotation. The article discusses the problems of studying patriotism as a spiritual and moral value within the framework of the discipline "Fundamentals of Russian statehood". The article explores the views of modern youth on patriotism. The author summarizes his own experience of teaching the discipline "Fundamentals of Russian statehood". The novelty of the work consists in development of proposals for forming concepts about patriotism within the discipline "Fundamentals of Russian statehood".

Keywords: patriotism as a spiritual and moral value, discipline «Fundamentals of Russian statehood», military and civilian patriotism

The article was submitted 13.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: A. B. Machanek. Formation of concepts about patriotism within the framework of the discipline "Foundations of Russian statehood". The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):105-110. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-105-110>

A study of student's attitudes towards mentoring: survey results. Part 3

K. A. Novoselov – Candidate of pedagogical sciences, senior lecturer

Annotation. The article presents analytical material based on the results of a survey of students of Kaliningrad State Technical University (KSTU) and cadets of the Baltic Fishing Fleet State Academy (BFFSA) about their attitude to mentoring. Its results allow us to assess the understanding of the concept of mentoring and the attitude towards it among university students and help teachers, supervisors and mentors in higher education institutions to form the most effective relationships with mentees in order to maximize their abilities and potential development, as well as provide support and assistance.

Keywords: mentoring, cadets, students, pedagogical support, motivation, professional orientation, personal growth, mentor role, education, self-development

The article was submitted 03.04.2026; approved after reviewing 04.05.2026; accepted for publication 11.05.2026.

For citation: K. A. Novoselov. A study of student's attitudes towards mentoring: survey results. Part 3. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):111-115. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-111-115>

Implementation of the phenomenological model of education in an engineering and technical university: from transmission of knowledge to generation of meanings. Based on a laboratory workshop on the analysis of ship performance efficiency

V. A. Sadykova, Institute of Maritime and River Fleet named after Hero of the Soviet Union
M. P. Devyatayev, Kazan Branch of Volga State University of Water Transport, Kazan, Russia

Annotation. The article examines the theoretical and practical aspects of implementing the phenomenological model of education in an engineering and technical university. The author proceeds from the thesis that the classical "knowledge-based" paradigm, focused on transmitting ready-made truths and algorithms, exhausts its heuristic possibilities when preparing specialists for a rapidly changing technological environment. The phenomenological model, which emphasizes subjective experience, the act of understanding, and meaning generation, offers an alternative path – not the transmission of knowledge, but the creation of conditions for its "cultivation" in the student's mind. Using the example of a laboratory workshop developed by the author, specific ways of implementing the phenomenological model in engineering education are shown. It is concluded that the phenomenological model is not opposed to engineering education but rather serves as its necessary humanitarian foundation, allowing the future specialist not just to "know how," but to understand "why" and "for what purpose."

Keywords: phenomenological model of education, engineering and technical university, humanities, meaning generation, subjective experience, dialogue, understanding, professional thinking, laboratory workshop, ship performance efficiency analysis, MS Excel

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 19.05.2026.

For citation: V. A. Sadykova. Implementation of the phenomenological model of education in an engineering and technical university: from transmission of knowledge to generation of meanings Based on a laboratory workshop on the analysis of ship performance efficiency. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):116-124. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-116-124>



Pedagogical potential of humanities disciplines in developing research competence of future engineers: a phenomenological perspective

S. A. Slassi Moutabir – PhD student, senior Lecturer, Department of Intercultural Professional Communication, Belarusian National Technical University, Minsk, Belarus

L. V. Solovyova – Candidate of Pedagogic Sciences, Head of the Department of Intercultural Professional Communication, Belarusian National Technical University, Minsk, Belarus

Annotation. The article examines the pedagogical potential of humanities disciplines in developing the research competence of engineering students. It is argued that humanities education in a technical university contributes to the development of critical thinking, information analysis skills, argumentation and reflection, which form the basis of research competence. Based on a literature review, the possibilities of humanities disciplines in developing student's research stance are identified. A survey of 176 students at the Belarusian National Technical University confirmed that students recognise the contribution of humanities to the development of individual research skills, but do not always perceive the integrative nature of this connection. It is concluded that humanities disciplines should be regarded as a significant resource for developing research competence in technical university students.

Keywords: research competence, humanities disciplines, technical university, engineering education, pedagogical potential, phenomenology of learning

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: S. A. Slassi Moutabir, L. V. Solovyova. Pedagogical potential of humanities disciplines in developing research competence of future engineers: a phenomenological perspective. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):125-132. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-125-132>

Psychological concepts of the Russian cultural code: the "Agenda"

O. V. Strelkova – Candidate of psychological sciences, Associate Professor, Baltic State Academy of Fishing Fleet, Kaliningrad

Annotation. This article examines the professional psychological landscape in contemporary Russia, which has long been shaped by the influence of numerous Western institutions, contributing to the erosion of the Russian cultural code, including in the Kaliningrad region. In the context of our study, we were interested in how contemporary students living in the Russian Federation (territories, republics, autonomous regions, and districts) understand the term "Russian cultural code" and which psychological components of the Russian cultural code are fundamental (symbols, customs, values, traditions, behavioral patterns, and preferences) and determine human functioning in various life situations.

Keywords: psychological concepts, Russian cultural code, historical experience and culture of Russians, emotional reactions, behavioral patterns, interdisciplinary connections

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: O. V. Strelkova Psychological concepts of the Russian cultural code: the "Agenda"/ The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):133-139. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-133-139>

Dynamics of value orientations of the youth of Russia's exclave – the Kaliningrad region

P. B. Toropov – PhD, associate professor, Higher School of Education and Psychology, Institute of Education and Humanities, Immanuel Kant Baltic Federal University, Kaliningrad, Russia
N. I. Ermakova – PhD, associate professor, Higher School of Education and Psychology, Institute of Education and Humanities, Immanuel Kant Baltic Federal University, Kaliningrad, Russia

Annotation. The article presents the results of a study examining the value orientations of residents of the Kaliningrad region from 2007 to 2025. Two types of orientations are examined: personally oriented (terminal values according to M. Rokich) and socially oriented (aimed at solving socially significant problems). Trends in two age groups are examined: young people (14–23 years old, the main group) and a comparison age group (30–55 years old, the comparison group). Stability in terminal values and polarization in the division of prosocial values, combined with a decrease in prosocial orientation, were found in both young people and the older part of the sample.

Keywords: value orientations, terminal values, prosocial value orientations, social activity, cooperation

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: P. B. Toropov, N. I. Ermakova. Dynamics of value orientations of the youth of Russia's exclave – the Kaliningrad region. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):140-150. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-140-150>

**Using denotation maps to develop cognitive abilities of students
in educational institutions of the Federal Penal Service of Russia**

N. A. Bashkirtseva – Candidate of Philosophical Sciences, associate professor of the Department of Humanitarian and Socio-Economic Disciplines of Perm Institute of the Federal Penal Service of Russia
S. S. Trifanova – Candidate of Philological Sciences, senior lecture of the Department of Russian and Foreign Languages of Vologda Institute of Law and Economics of the Federal Penal Service of Russia

Annotation. The need for using denotation maps in practical foreign language classes at non-linguistic universities is emphasized. This facilitates the development of cognitive abilities and enhances the intrinsic motivation of students at departmental universities of the Federal Penitentiary Service of Russia. The didactic potential of denotation maps, developed by the authors for developing students' verbal skills in the academic disciplines "Foreign Language" and "Foreign Language in Law" at a non-linguistic university, is examined. The provisions on this issue described in the scientific literature are analyzed. It is concluded that denotation maps create psychologically comfortable conditions for overcoming language difficulties and increase the academic motivation of students at educational institutions of the Federal Penal Service of Russia.

Keywords: denotation maps, cognitive abilities, cognitive processes, interconnected learning, professionally oriented foreign language teaching, vocational training, penal system

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: N. A. Bashkirtseva, S. S. Trifanova. Using denotation maps to develop cognitive abilities of students in educational institutions of the Federal Penal Service of Russia. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):151-154. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-151-154>



The necessity of considering changes in the International Marine Organization's standards for training and developing navigator competencies

B. S. Guralnik¹ – Ph.D., Associate Professor

V. K. Timofeev² – Doctor of Science, Professor

P. E. Buracovskiy³ – Ph.D., Associate Professor

A. K. Sirota⁴ – Captain, Associate Professor

^{1,2,3,4}Baltic State Fishing Fleet Academy "Kaliningrad State Technical University"

Annotation. Routine duties of deck officers include cargo stowage, securing, and passage planning to ensure both regulatory compliance and safe transit. Advances in materials, technology, and computational models for vessel and cargo dynamics are reflected in the IMO's evolving regulatory framework. This article examines key topics for integration into "Ship Theory and Design," "Cargo Handling Technology," and "Ship Operation" courses. The goal is to enhance the theoretical and practical training of future officers, specifically regarding cargo management and route selection under the new IMO "Interim Guidelines on the Second Generation Intact Stability Criteria."

Keywords: ship safety, IMO regulatory requirements, ship stability, STCW-78, qualifications and competence

The article was submitted 08.04.2026; approved after reviewing 08.05.2026; accepted for publication 15.05.2026.

For citation: B. S. Guralnik, V. K. Timofeev, P. E. Buracovskiy A. K. Sirota. The necessity of considering changes in the International Marine Organization's standards for training and developing navigator competencies. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):155-160. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-155-160>

Tutorial techniques, methods and systems: hierarchical interrelation of basic categories in linguodidactics

T. I. Guseva – Senior lecturer at Federal State Educational Institution of Higher Professional Education "Perm Institute of the Federal Penal Service"

Annotation. The article examines the system of basic categories in foreign language teaching methodology – technique, method, and teaching system – in their hierarchical interrelation. The author elucidates the essence of each concept, demonstrates their functional distinctions, and highlights the dynamic nature of the boundaries between them (notably, the potential transformation of a technique into a method through systematic application).

The paper analyses key teaching methods (demonstration, explanation, exercise), their typology, and operational content via specific techniques. Particular emphasis is placed on criteria for selecting methods and techniques: creating a supportive learning environment, adopting a learner-centered approach, activating learner agency, implementing differentiation and individualization, and ensuring sociocultural relevance.

Additionally, the functional roles of the teacher (organizational, instructional, monitoring) and the learner (familiarization, practice, application) are outlined. The conclusion underscores that teaching effectiveness is achieved through a balance between theoretical foundations and practical objectives, flexibility in combining methods, a focus on developing communicative competence, and ongoing reflection on teaching practice.

Keywords: linguodidactics, method, technique, teaching system, communicative competence, learner-centered approach

The article was submitted 07.04.2026; approved after reviewing 07.05.2026; accepted for publication 14.05.2026.

For citation: T. I. Guseva. Tutorial techniques, methods and systems: hierarchical interrelation of basic categories in linguodidactics. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):161-163. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-161-163>

Modern methods of teaching coloristics to future product designers

A. G. Kopyi¹, K. A. Dolinina²

^{1,2}Minin Nizhny Novgorod State Pedagogical University, Nizhny Novgorod, Russia

Annotation. The article examines the evolution and modern approaches to teaching coloristics in the context of training product designers. The relevance of the study is due to the increasing role of color as a key factor in emotional perception, ergonomics, and commercial success of a product in a saturated market. Traditional methods of color study, based on classic color wheels and two-dimensional exercises, require integration with digital tools, project-based, and interdisciplinary approaches. The article analyzes such methods as digital color design (including VR/AR technologies), project-based learning based on real-life cases, integration of knowledge from sensorics, psychophysiology, and materials science, as well as the development of critical thinking through the analysis of trends and cultural codes. The article concludes that it is necessary to form a comprehensive "color literacy" in students, which combines a deep theoretical understanding and practical skills in working with modern software.

Keywords: coloristics, product design, teaching methods, color design, digital tools, color literacy, interdisciplinary approach, virtual reality, color in a product

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: A. G. Kopyi, K. A. Dolinina. Modern methods of teaching coloristics to future product designers. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):164-167. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-164-167>

Developing students' foreign language lexical skills through neuropsychological teaching techniques

Yu. Z. Mirkina – Associate Professor, Immanuel Kant Baltic Federal University, Russia

A. S. Semenova – Student, Immanuel Kant Baltic Federal University, Russia

Annotation. The article is devoted to teaching vocabulary in foreign language lessons in secondary schools. It defines a lexical skill, describes the stages of its development, and systematizes neuropsychological techniques (spaced repetition, dual coding, etc.), the use of which helps optimize memory processes and reduce the cognitive load of students. Special attention is paid to the difficulties faced by a foreign language teacher in the process of forming lexical skills in schoolchildren and ways to overcome them using neuropsychological teaching methods.

Keywords: neuropsychology, neuropsychological technique, lexical skill, vocabulary learning, spaced repetition, retrieval practice, dual coding, elaboration, cognitive load, secondary school, foreign language

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: Yu. Z. Mirkina A. S. Semenova. Developing students' foreign language lexical skills through neuropsychological teaching techniques. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):168-172. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-168-172>

Ethical and methodological aspects of using artificial intelligence in writing final qualification works by future art teachers

O. A. Ovsyannikova¹, O. A. Bakieva²

^{1,2}Tyumen State University, Tyumen, Russia

Annotation. The article analyzes the opportunities and limitations of using artificial intelligence (AI) technologies in the process of preparing final qualification works (FQWs) by students enrolled in the 44.03.01 Pedagogical Education program, specialization "Fine Arts". It examines the potential of AI as a tool to support students' research and creative activities when working with theoretical sources, methodological analysis, visual materials, and academic writing. Particular attention is paid to issues



of academic integrity, authorship, and the methodological validity of using AI in the system of art and pedagogical education.

Keywords: artificial intelligence (AI), final qualification work (FQW), art education, authorship, ethical aspects of ai application, academic integrity

The article was submitted 02.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: O. A. Ovsyannikova, O. A. Bakieva. Ethical and methodological aspects of using artificial intelligence in writing final qualification works by future art teachers. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):173-179. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-173-179>

Teaching humanities in technical universities: current challenges and prospects

I. R. Salakhov – Candidate of Pedagogical Sciences, Associate Professor, Academician of the International Academy of Sciences, Honored Teacher of the Republic of Tatarstan, Institute of Maritime and River Fleet named after Hero of the Soviet Union M. P. Devyatayev – Kazan branch of the Volga State University of Water Transport, Kazan, Russia

L. B. Gabbasova – Candidate of Economic Sciences, Associate Professor, Institute of Maritime and River Fleet named after Hero of the Soviet Union M. P. Devyatayev – Kazan branch of the Volga State University of Water Transport, Kazan, Russia

Annotation. This article explores the role of humanities in shaping graduates' personal qualities and professional culture. It also outlines the challenges, goals, and objectives of teaching humanities at a technical university. It also highlights several methodological approaches and techniques for studying humanities disciplines. Studying humanities expands the scope of technical students' specialized knowledge. Understanding socioeconomic and sociocultural trends will enable graduates to determine their place and contribution to the development of an innovative economy.

Keywords: globalization and informatization, post-industrial society, technical universities, holistic personality, humanities, quality of applicants and problems of their socialization, professional culture of technical university graduates, humanitarization of education, transformation of principles and methods of teaching, permanent updating of the content of taught disciplines, critical thinking, self-determination of graduates in the socio-economic and socio-cultural environment and implementation of existing competencies

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: I. R. Salakhov, L. B. Gabbasova. Teaching humanities in technical universities: current challenges and prospects. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):180-185. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-180-185>

Human capital development of students in the era of digitalization: challenges and opportunities

R. S. Chistov – candidate of philosophical sciences, associate professor

A. A. Narinyan – candidate of philosophical sciences, associate professor

N. G. Chistova – doctor of technical sciences, professor

Annotation. In today's competitive environment of educational projects and programs, developing students' human capital with the support of modern higher education institutions is becoming a key to the professional success of not only young people but also faculty and universities as a whole. Today, especially with the development of digital educational technologies, the search for effective strategies and mechanisms for developing students' educational and professional potential has become increasingly important. This article provides an overview of the opportunities and barriers associated with the use of educational innovations by the younger generation and university faculty, as well as a description of the corresponding organizational and pedagogical conditions for developing students' human capital.

Keywords: online learning, algorithm, socialization, subjectivity, communication, professional community, interdisciplinarity, human capital

The article was submitted 12.04.2026; approved after reviewing 13.05.2026; accepted for publication 20.05.2026.

For citation: R. S. Chistov, A. A. Narinyan, N. G. Chistova. Human capital development of students in the era of digitalization: challenges and opportunities. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):186-193. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-186-193>

Author blogs as a resource for developing emotional intelligence in teaching english: a comparative genre analysis

L. A. Yakovleva – Lecturer, Department of Foreign Languages,
Kaliningrad State Technical University, Kaliningrad, Russia

Annotation. The article examines the pedagogical potential of authentic English-language author blogs for developing students' emotional intelligence (EI). Based on a comparative analysis of three blogs of different genres – a personal video diary ("Diary of Phoneticist Zhenya"), a reflective podcast ("A Little Happier" by Gretchen Rubin) and a motivational blog about a healthy lifestyle ("No Meat Athlete" by Matt Frazier) – their linguistic and discursive features are identified that deliberately evoke an emotional response from the audience. It is proved that the incorporation of such materials into the educational process contributes not only to the development of communicative and intercultural competencies but also to the formation of key EI components: emotional self-awareness, empathy and self-regulation (Mayer & Salovey, 1990; Goleman, 1995). The article contains practical recommendations for selecting and using blogs in English language classes.

Keywords: emotional intelligence, author blogs, English language teaching, authentic materials, comparative analysis, video diary, reflective podcast, healthy lifestyle blog, media linguistics

The article was submitted 03.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: L. A. Yakovleva Author blogs as a resource for developing emotional intelligence in teaching english: a comparative genre analysis. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):194-198. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-194-198>

Adaptation in Learning and Artificial Intelligence

D. V. Vlasov¹✉, **E. Z. Vlasova**², **S. V. Goncharova**³

^{1,2,3}The Herzen State Pedagogical University of Russia

Annotation. The article presents an analysis of the role of adaptation in modern education, which is developing under conditions of high variability in technological and digital processes. Adaptation is examined from an interdisciplinary perspective and as a mechanism that enables the alignment of individual learner characteristics with the educational environment. Particular attention is given to unlocking the potential of artificial intelligence for developing adaptive learning models and methodologies. The results of an expert survey are described, confirming the significance and effectiveness of adaptive learning. The experience of developing adaptive teaching methods for natural science disciplines using AI assistants and open electronic platforms is also presented. It is emphasized that artificial intelligence is becoming not only a tool for adapting learners but also a factor that requires educational institutions to adapt to new professional and technological challenges. The article substantiates the feasibility of customizing additional professional education in the field of digitalization and, as a consequence, personifying the educational product at the request of a specific consumer. The requirements for customized corporate advanced training programs for teaching staff are listed. Examples of such programs are given.

Keywords: adaptation, adaptive learning method, artificial intelligence, AI assistant, expert survey



Acknowledgments: the research was conducted using an internal grant from Herzen University (Project № 105-VG).

The article was submitted 14.04.2026; approved after reviewing 14.05.2026; accepted for publication 21.05.2026.

For citation: D. V. Vlasov, E. Z. Vlasova, S. V. Goncharova. Adaptation in Learning and Artificial Intelligence. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):199-203. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-199-203>

Digital applications in foreign language learning

A. V. Angel – Candidate of Pedagogical Sciences, Associate Professor, Lobachevsky State University of Nizhny Novgorod, Russia

S. N. Sharova – Senior Lecturer, Nizhny Novgorod State University of Engineering and Economics, Russia

L. Y. Chagaeva – Candidate of Pedagogical Sciences, Associate Professor, K. Minin Nizhny Novgorod State Pedagogical University, Russia.

Annotation. This article examines the use of digital applications in foreign language learning. Foreign language learning has always been a pressing issue in professional education. In today's world, the need to speak two or three languages is becoming the norm. The study provides examples of how digital applications can be used for various language learning purposes, from conversational learning to passing international exams. Digital applications are an excellent tool for achieving desired results in learning various foreign languages.

Keywords: digital applications, professional education, foreign language learning

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: A. V. Angel, S. N. Sharova L. Y. Chagaeva. Digital applications in foreign language learning. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):204-210. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-204-210>

To the problem of choosing anti-virus cybersecurity solutions in educational institutions

A. V. Gushchin – Candidate of Pedagogical Sciences, Associate Professor, Nizhny Novgorod State Conservatory named after M. I. Glinka, Minin Nizhny Novgorod State Pedagogical University, Russia

M. V. Firsov – Doctor of Economics, Professor, Minin Nizhny Novgorod State Pedagogical University, Volga State University of Water Transport, Russia

O. N. Filatova – Candidate of Pedagogical Sciences, Associate Professor, Minin Nizhny Novgorod State Pedagogical University, Russia

Annotation. This article provides a comparative analysis of popular antivirus solutions for educational institutions. Key criteria for comparing antivirus programs are identified, namely, the control center, licensing, and adaptation to various device types. Based on the comparative analysis, recommendations are provided for the best choice of protection strategy. An economic evaluation of antivirus solutions is provided, which improves the effectiveness of the educational process.

Keywords: antivirus, educational institution, performance, cybersecurity, software, educational environment

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: A. V. Gushchin, M. V. Firsov, O. N. Filatova. To the problem of choosing anti-virus cybersecurity solutions in educational institutions. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):211-216. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-211-216>

Application of the unified "Solvo.TOS.Cargo" platform in the educational process: the example of the Department of Transportation Organization

O. G. Faustova, Baltic State Fishing Fleet Academy "Kaliningrad State Technical University",
Kaliningrad, Russia

Annotation. This article examines the training of students and cadets using the unified platform "Solvo.TOS.Cargo", designed for managing any type of port and cargo terminal, covering the processes of receiving, storing, processing, and shipping all types of cargo at the terminal in real time. Training on the Solvo.TOS platform develops a set of professional competencies in students and cadets focused on managing warehouse resources, vehicles, and container terminals.

Keywords: educational process, unified educational platform, Solvo.TOS, future specialists, professional environment, practical experience, training modules of the system

The article was submitted 03.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: O. G. Faustova. Using the unified platform "Solvo.TOS.Cargo" in the educational process for cadets and students of the department of transportation organization. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):217-220. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-217-220>

Research on the effect of high-frequency vibrations on the functional state of athletes using the "AMADEUS" device

A. M. Bily – Doctor of Medical Sciences, Professor

I. V. Islamov – Doctor of Pedagogical Sciences, Professor

V. P. Sorokin – Doctor of Pedagogical Sciences, Professor

Annjitation. Vibration-based interventions are used as adjunct tools for warm-up and recovery, with effects dependent on frequency, dosage and baseline state. In this pilot study on the "AMADEUS" device (~100 Hz), self-reported outcomes were analysed. Most pronounced positive responses concerned musculoskeletal readiness (reduced stiffness, improved readiness for intensive exercise) and sleep quality. Cardiorespiratory effects were moderate and changes in body weight/edema were minimal. Mild adverse sensations occurred in a quarter of participants but did not lead to discontinuation.

Keywords: vibration therapy, high-frequency vibration, athletes, recovery, sleep, musculoskeletal system

The article was submitted 03.04.2026; approved after reviewing 04.04.2026; accepted for publication 12.05.2026.

For citation: A. M. Bily, I. V. Islamov, V. P. Sorokin. Research on the effect of high-frequency vibrations on the functional state of athletes using the "AMADEUS" device. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):221-228. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-221-228>

The doll as a means of forming self-concept in older preschoolers with intellectual disabilities

E. I. Mychko – Doctor of Pedagogical Sciences, Professor, I. Kant Baltic Federal University,
Russia, Kaliningrad

A. T. Babajanova-Pavlova – Master's student, Special Defectological Education (Oligophrenopedagogy),
Immanuel Kant Baltic Federal University, Russia, Kaliningrad

Annotation. Currently, in modern educational conditions, there is a need to study the peculiarities of mental and speech development in children with intellectual disabilities. This article provides a detailed analysis of the problem of studying the formation of self-concepts in preschool children with intellectual disabilities in Russian and foreign pedagogy. The focus is on the study of the doll as a means of developing self-concepts in this specific group of children. The article also explores the challenges associated with improving methods and techniques for fostering proper self-concepts. An empirical study of the development



of self-perception and self-awareness through the image of a doll was conducted at the State Budgetary Institution of the Kaliningrad Region «Boarding School», Reacenter-Kaliningrad Limited Liability Company.

The study implemented a personality-oriented approach in the correctional and pedagogical process. This article is intended as a recommendation.

Keywords: the field of self-concepts, primary social representations, the core of representations, "Idea-I", "Image-I", "I-concept", the concept of "I", limited health opportunities, self-identification, claims to recognition, sexual identification, psychological time of personality, social space of personality, intellectual disability, χ^2 – Pearson's criterion

The article was submitted 06.04.2026; approved after reviewing 06.05.2026; accepted for publication 13.05.2026.

For citation: E. I. Mychko, A. T. Babajanova-Pavlova. The doll as a means of forming self-concept in older preschoolers with intellectual disabilities. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):229-239. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-229-239>

Developing coorgination skills in cheerleading

M. N. Bulaeva¹ – Candidate of Pedagogical Sciences, Associate Professor

S. S. Sizova² – Student

A. I. Filatov³ – Master's student

^{1,2,3}Nizhny Novgorod State Pedagogical University named after Kozma Minin, Russia

Annotation. This article examines the development of coordination skills in girls aged 7–8 years at the initial stage of cheerleading training. The study explores game-based methods as the most appropriate means for the psychophysiological characteristics of this age group. The article examines the impact of cheer coordination exercises on primary school-aged girls, delivered through game-based methods. The study concluded that cheer has a direct impact on the development of coordination in children, even at the initial stage of training. This instills a sense of stability, prevents injuries, and develops the brain-body connection.

Keywords: game methods, coordination abilities, coordination, cheerleading, sensitive period, development of abilities

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: M. N. Bulaeva, S. S. Sizova, A. I. Filatov. Developing coorgination skills in cheerleading. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):240-245. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-240-245>

Psychological and pedagogical conditions for the formation of traditional Russian spiritual and moral values among cadets of law enforcement agencies

S. V. Butov, Military Order of Zhukov Academy of National Guard Troops, St. Petersburg, Russia

Annotation. The article explores the problem of the formation of traditional Russian spiritual and moral values among cadets of law enforcement agencies. The author substantiates the strategic importance of this task for national security, emphasizing the need to educate future defenders of the Fatherland as bearers of the values of service, patriotism and loyalty to duty. Systematic, cultural-historical, and personal-activity approaches are used. The psychological structure of values and the specifics of cadets are analyzed. Pedagogical conditions are proposed: the value-semantic saturation of education, the integration of academic and extracurricular activities, an educational environment, and a differentiated approach. The mechanisms of identification, interiorization and reflection are considered.

Keywords: spiritual and moral values, psychological and pedagogical conditions, military education, cadets, professional identity, patriotism

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: S. V. Butov. Psychological and pedagogical conditions for the formation of traditional Russian spiritual and moral values among cadets of law enforcement agencies. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):246-249. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-246-249>

**Conflict as an obstacle to performing professional tasks onboard a ship:
using the example of cadets of a maritime school**

I. R. Ragulina – Candidate of Geographical Sciences, Associate Professor

I. S. Karas – Candidate of Psychological Sciences, Associate Professor

O. M. Bondareva – Candidate of Psychological Sciences, Associate Professor

A. V. Ragulin – Master's student

E. V. Vashkyavichene – Master's student

Annotation. This study examines the socio-psychological factors that contribute to the emergence of conflicts within ship crews during professional activities and exposure to extreme marine environments. The main types of conflict intrapersonal, interpersonal, and intergroup are analyzed. Particular attention is paid to socio-psychological conflicts as significant obstacles to the effective performance of professional tasks within a ship crew. Key factors in the marine environment that provoke socio-psychological stress are identified. These include objective macro-factors (isolation, monotony), micro-factors (sea motion, watchkeeping), and personal factors that enhance their impact. The phases of crew adaptation are studied using the model of Yu. M. Stenko. It has been established that during certain periods of a voyage, socio-psychological stress can persist in a latent form for an extended period, subsequently escalating into open conflict situations. An analysis of the main types of conflicts (intrapersonal, interpersonal, and intergroup) was conducted among 1st-5th-year cadets majoring in «Navigation» (26.05.05). The study's results confirm the role of psychological factors as a key component significantly influencing the performance of professional tasks on board a ship.

Keywords: conflict, personal aggressiveness and conflict, situational and personal anxiety, intrapersonal conflict, general conflict coefficient

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: I. R. Ragulina, I. S. Karas, O. M. Bondareva, A. V. Ragulin, E. V. Vashkyavichene. Conflict as an obstacle to performing professional tasks onboard a ship: using the example of cadets of a maritime school. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):250-263. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-250-263>

Development of a methodology for developing endurance in adolescents

E. V. Lukina¹ – senior lecturer

N. E. Zhitnikova² – senior lecturer

^{1,2}Nizhny Novgorod State Pedagogical University named after Kozma Minin, Russia

Annotation. This article examines the development of endurance in adolescence. The development of physical qualities, including endurance, is a key issue in physical education. In the proposed endurance development method, the training process was divided into mesocycles, which in turn were divided into microcycles. The developed method was tested at School № 6 to develop endurance in 14- and 15-year-old girls and boys. The method demonstrated positive results and can be implemented in physical education classes at secondary and higher education institutions.

Keywords: endurance development, adolescence, track and field, endurance development methods

The article was submitted 02.04.2026; approved after reviewing 05.05.2026; accepted for publication 12.05.2026.

For citation: E. V. Lukina, N. E. Zhitnikova. Development of a methodology for developing endurance in adolescents. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):264-268. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-264-268>



Electronic reporting form for laboratory practical training in physics at a technical university

I. P. Korneva, Kaliningrad State Technical University, Kaliningrad, Russia, ipk05@mail.ru

Annotation. The article is devoted to the use of electronic reports on laboratory work in teaching physics in technical universities.

Keywords: physics training, laboratory practical training, shortage of hours, electronic form, digital competencies

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: I. P. Korneva Electronic reporting form for laboratory practical training in physics at a technical university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):269-272. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-269-272>

Application of test technologies for monitoring student's knowledge in the physics course of a technical university

S. S. Kutsenko – Senior lecturer of the department of Physics of the Kaliningrad State Technical University, Kaliningrad, Russia

Annotation. The article discusses the use of test tasks for monitoring the quality of knowledge in physics at a technical university.

Keywords: test technologies, physics, knowledge monitoring, tests for monitoring

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: S. S. Kutsenko. Application of test technologies for monitoring student's knowledge in the physics course of a technical university. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):273-275. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-273-275>

Mathematical disciplines in the structure of the self-development module of a technical university: implementation experience and pedagogical effects. Using the example of the discipline "applied statistics "

S. N. Mukhina – Associate Professor, Candidate of Pedagogical Sciences, Department of Applied Mathematics and Information Technology, Kaliningrad State Technical University, Kaliningrad

E. Yu. Skorobogatyh – Associate Professor, Candidate of Pedagogical Sciences, Department of Applied Mathematics and Information Technology, Kaliningrad State Technical University, Kaliningrad

Annotation. The article examines the pedagogical potential of mathematical disciplines included in the module of self-development of educational programs of technical university. The relevance of the research is determined by the need for students to develop not only professional, but also universal competencies that ensure adaptability in the context of digital transformation of engineering activities. The authors analyzed the structure of the self-development module as a tool for individualizing the educational trajectory, highlighted the key aspects of the influence of elective disciplines on the personal and professional development of students. Using the example of the discipline "Applied Statistics", the methodological features of teaching, the competencies formed and the expected educational effects are revealed. It is shown that the integration of applied mathematics into the self-development unit helps to bridge the gap between fundamental training and engineering practice, stimulates motivation for self-education and lays the foundations for digital literacy of the future specialist. The research materials can be used in the design of educational programs of higher technical schools focused on the development of students' personal potential.

Keywords: self-development, self-development module, elective subjects, applied mathematics, applied statistics, universal competencies, individual educational trajectory, technical education

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: S. N. Mukhina, E. Yu. Skorobogatyh. Mathematical disciplines in the structure of the self-development module of a technical university: implementation experience and pedagogical effects: using the example of the discipline «applied statistics». The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):276-281. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-276-281>

Methodological aspects of using digital educational resources in teaching higher mathematics to cadets

V. M. Usatova – Associate Professor, Department of Applied Mathematics and Information Technology, Candidate of Pedagogical Sciences, Kaliningrad State Technical Federal University, Kaliningrad, Russia

Annotation. This article addresses the key challenges of first-year students' adaptation to higher mathematics and presents optimal educational technologies.

Keywords: higher mathematics, teaching methods, students, professional competencies, educational technologies

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: V. M. Usatova. Methodological aspects of using digital educational resources in teaching higher mathematics to cadets. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):282-285. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-282-285>

Military-tactical sports as a way to improve the firearms training of future officers

A. V. Zhemchuzhnikov – Associate Professor

Annotation. This article examines the potential use of military tactical sports (airsoft, paintball, laser tag) in officer training for law enforcement agencies. A theoretical analysis of the use of gaming and simulation-based teaching methods in military specialist training is provided. Key characteristics of military tactical sports are highlighted. A rationale for each of these characteristics is provided, and the possibility of adapting and implementing them in the educational process to develop professionally significant qualities in military specialists is discussed. A pedagogical experiment was conducted to characterize the feasibility, feasibility, and specific features of using military tactical sports in officer training. The development of pseudo-professional skills through the use of military tactical sports is characterized. A set of special pedagogical conditions necessary for increasing the effectiveness of officer training using the proposed pedagogical tools is identified.

Keywords: military specialist training, military tactical games, gaming-based teaching methods, pseudo-professional skills, firearms training

The article was submitted 01.04.2026; approved after reviewing 04.05.2026; accepted for publication 12.05.2026.

For citation: A.V. Zhemchuzhnikov. Military-tactical sports as a way to improve the firearms training of future officers. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):286-289. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-286-289>



Fatalism and infantilism as common predictors of susceptibility to indoctrination

A. I. Sazonov – Postgraduate Student (1st year) Higher School of Education and Psychology, consultant Legal Clinic Higher School of Law, Immanuel Kant Baltic Federal University

Annotation. The paper analyses fatalism and infantilism as key psychological predictors of personality vulnerability to indoctrination. The article analyses the influence of overprotective and indulgent parenting style on the formation of infantile behaviour among young people, leading to a diffusion of identity, a decrease in the ability to make independent decisions and responsibility for their actions. The relationship between infantilism and delayed mental maturation during normal physiological maturation is substantiated. The influence of fatalistic thinking on the perception of events from the temporal perspective of a personality (past, present, future) is studied when analysing the degree of resistance to crisis events. The conclusion is made about the difference between a diffuse personality and a personality with a solid moral and volitional foundation. A diffuse personality is prone to reckless risk-taking for hedonistic reasons, but in face of danger, it abandons its previous goals and actions. Whereas a person with a solid moral and volitional base retains his beliefs, remaining irrationally devoted to his ideals even when life and health are at risk.

Keywords: indoctrination, fatalism, temporal perspective of personality, mental maturation, infantilism, diffuse identity, hyperprotection, locus of control, moral and volitional basis

The article was submitted 07.04.2026; approved after reviewing 07.05.2026; accepted for publication 15.05.2026.

For citation: A. I. Sazonov. Fatalism and infantilism as common predictors of susceptibility to indoctrination. The Tidings of the Baltic State Fishing Fleet Academy. 2026; 2(76):290-297. (In Russ.). <https://doi.org/10.46845/2071-5331-2026-2-76-290-297>