



ABSTRACTS

Bokareva G, Bokarev M.

Teaching science in engineering the formation of the North-West region of Russia
Considers conceptual position teaching science in engineering education, explains the rationale applied orientation Engineering Education

Keywords: engineering education; university complex; methodological; integrity of the personal characteristics; of scientific research and scientific and practical activities

Beley V.

The results of the research and final qualifying works as the most important criteria for evaluating the effectiveness of training in high school

The assessment of the results of scientific research and graduate qualifying papers on electricity Kaliningrad region

Keywords: Graduate work; competition; efficiency; power; electricity; energy sources

Revin S.

Model quality assessment training educational institution

Consider the concept of quality evaluation system, its structure, the stages of formation of the system. Criteria and indicators for assessing the quality of education at the level of the educational institution

Key words: quality of education evaluation; system education

Nordin V., Belkina N.

The structure of educational and methodical support University disciplines and evaluation of its quality

The article presents the structure of the educational-methodical complex of University discipline and criteria of its assessment. It is proposed qualimetric the approach of using the method of expert assessments for the determination of the integrated quality level as in the whole of EMC and its components

Keywords: educational-methodical complex; the structure of the EMC; comprehensive quality level

Lurje I.

Mathematical model of quality control of the educational process on the basis of the analysis of the didactic potential of its properties

A model for quality control of the educational process, grounded method of analysis of the didactic potential characteristics

Keywords: management model; the quality of the educational process; the method of analysis of the didactic potential

Revin S.

Organization of teaching in the quality management system

Organization of educational activities covered by applying the principles of quality management approach to creating a system of quality management of educational institutions the process of providing educational services

Keywords: quality management; quality system; educational technology

Bakatin Ju., Sazonova Z., Fedjukina T.

Formation of ecological competence Bachelor of transport in the learning process Automobile and Highway University

Ecological competence of the young bachelors' graduating from the automobile and road-construction University is the object of authors' interest. The opportunities and some outcomes of the contextual approach are discussed

Keywords: context of professional activities; ecological competence; labs at the university; innovative means of professional-oriented training

Artistcheva E.

The pedagogical diagnostics of educational process of higher educational institutions: laws, principles and functions

The article shows the model of pedagogical diagnostics of educational process of higher educational institutions, its laws, principles and functions. Laws of the purpose, maintenance, and quality of pedagogical diagnostics, its methods, managements and stimulations are described. Principles of pedagogical diagnostics are formulated. Diagnostics functions are fixed. They are information, supervising, estimated, analyzing, correcting, training, developing, motivations-focusing, the managing director ordering, forming, a feedback, integrating, bringing up, predicting.

Keywords: pedagogical diagnostics; educational process of high school; laws; principles; functions

Martynenkov V.

Vocationally oriented training complexes: distance learning, remote administration

We consider the use of professionally-oriented training systems, as specialized didactic tools, remote administration of the educational process

Keywords: vocationally oriented training complexes; organization and operational management of the distance learning; subsystem career-oriented training systems

Gnatyuk V.

Computer training complex on discipline Theoretical Foundations of Electrical Engineering

We consider the computer training complex in the discipline, as well as its place in the professional educational environment of the university and the department.

Keywords: computer professional educational environment; training complex and the site, the theoretical fundamentals of

Chuksina I.

Educational technology business and scientific communications

Presented educational technology business and scientific communication in training on the award of the academic degree "Master" with a degree in "Management"

Keywords: educational technology; business and scientific communications; Magister

Bakhchieva O.

Pedagogical possibilities of local lore study as factor of spiritual and moral education of the future teacher

There are pedagogical possibilities of local lore study as a factor of spiritual and moral education of the future teacher. Also features of local lore study application in vocational training of teachers are defined

Keywords: spiritual and moral education; study of local lore; vocational training

Retivih Ju., Dirgelayte A.

Organizational and methodological features of classes with students of special medical group

Caused to the need to build an in-depth and comprehensive preventive health programs are the development and results of the implementation of new methods of strengthening and prevention of diseases of the body of students

Keywords: health status; future professionals; healthy society; strengthening and prevention; preventive health programs



Bokareva G., Gestovsky A.

The virtual laboratory as a didactic tool in the preparation of engineers for the protection of the information

In the preparation of marine engineers, including specialists in the field of information security, difficulties arise because of the hardness of existing requirements to material and technical provision of the educational process. For methodological support of exercises on a cycle of disciplines of specialization require special technical equipment, the acquisition of which for most higher educational institutions is difficult, due to their high cost. Research objective: to develop adequate virtual laboratory, allowing removing the listed problems at the expense of use of the software emulator's technical devices and special software for computer security

Keywords: marine engineer; information security; virtual laboratory; competence; didactic means

Korkin A.

Features of engineering education marine radio personnel

Is a series of challenges and problems in the state of engineering education in Russia. The need to develop and implement a national doctrine of engineering education is considered the basic requirements for that state regulatory instrument

Keywords: engineering education; integration; maritime industry; marine radio specialists; marine radio systems; innovative approaches; the federal government standard; curriculum subjects

Sazonova Z., Zakharyan M.

The formation and development of common cultural competency bachelors of engineering and technology

We consider pedagogical tools to build skills of students in today's technical university. Attention is focused on ways to increase the effectiveness of the cognitive activity of students, the experience of teachers in the Department of Engineering Pedagogy MADI in the formation of common cultural competence and self-organization of the future bachelors of engineering and technology

Keywords: general cultural competence; independent work of students; personally meaningful learning; activity approach; zone of actual development, active learning methods

Alekseeva E.

Goal-setting in formation of the creative competence of students

The purpose of this article is development of the system of the purposes of formation of creative competence of teaching and educational process in higher education institution. In article the reference, intermediate and private purposes of formation of business competences are considered.

Keywords: creative competence; purposes; seven spheres of identity

Marennikova L.

Teaching students English language with Podcasting Technology

This paper explores the essence of podcasting concept, the features of using Podcasting Technology while teaching students English language, examines the criteria of evaluation podcasting, advantages of using Podcasting Technology, it's didactic potential, and also describes the experience of using Podcasting Technology while teaching students English language in project activity.

Keywords: informational technology; modern means of communication; study interaction; Podcasting Technology; podcasting characteristics; podcasting types; podcasting classification; podcasting evaluation criteria; podcasting advantages; podcasting didactical potential

Mongina F.

The importance of common cultural competencies and Humanities

The article is devoted to a comparative analysis of the general cultural competencies estimates made by the learners of high school, the factors determining the significance of general cultural competencies.

Keywords: general cultural competence; different goals and results; voluntary and forced forms of competences decision by the subject

Mokshina V.

The use of new information technologies for solving management tasks

Article highlights the capabilities of advanced information technologies in solving control problems. The study of the specialized program complex "multi-level inventory," introduces students to the possibility of an integrated approach to auto-tizatsii of the company, leading the collection and processing of information for its further use and decision making

Keywords: information technologies; automation of activity of the enterprise; training technique

Pets A.

The theory of vocational education in expanding the functions of digital technology: poliontologicheskyy method

Identified the essential characteristics of the following concepts: the "digital space", "poliontologicheskyy method in teaching." We propose a method of diversification of educational activity in real and virtual environments.

Keywords: poliontizm (poliontologicheskyy method); virtual instruments; digital space; the principle of real time

Nikitin M., Kornev K., Korneva I., Nesterova G., Nesterov K., Fedotov A., Fedotov V

Computer imaging in the physical practicum

Article is written in view of carrying out of experiments on physics in high school at the initial stage of training. Authors consider an opportunity of creation mobile laboratory works on a physical practical work with use of the simple and cheap peripheral devices connected to a computer.

Keywords: imaging; experiment; physics; mechanics; virtual devices; technical education

Artistcheva E., Sinitsina T.

Correction of student's knowledge at the laboratory work with computer technologies

The article is devoted to the little-studied in pedagogy problem of correction of higher school students' knowledge. Correction capabilities of laboratory work are viewed as one of the main types of lessons based on the material of the discipline "Mathematics". Capabilities of computer technologies for knowledge correction during laboratory work are demonstrated.

Keywords: correction of knowledge

Appolonova A.

Psycho-pedagogical rehabilitation technology alcohol addicted women in socio-economic support

Some technological aspects of rehabilitation of alcohol addicted women, defines the features of an integrated approach to social and economic support of alcohol addicted women

Keywords: psychological-pedagogical rehabilitation, socio-economic support, educational technology

Horosh R.

Socio-psychological training as a way to develop students-medical's professional identity

This article describes the basic way to understanding, organization and conduct -psychological training for developing students-medical's professional identity. There are some methods to improve the efficiency of socio-psychological training

Keywords: professional identity; socio-psychological training; developing of professional identity; professional training



Alimpiev A.

Simulation of the organizatsiipodgotovki aviation professionals with the fleet of aircraft

We consider the scientific methodological approach to the determination of the content and organization of aviation professionals in the higher education institutions to meet the park aircraft on the basis of modeling requirements of their work and the process of preparation. The implementation of the above approach is to ensure implementation of the new educational concept, fundamentalization and computerization of higher education, its faster development, the formation of competence, learning and culture of the individual. Further development of the functional circuit model aviation training at the university will determine the relationship components of the process of preparation and a closer look at his organization.

Keywords: aviation specialists; intellectual potential; the level of civic consciousness; innovative education; competence model of the graduate; model aviation training

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