

ABSTRACT REVIEWS OF JOURNAL ARTICLES
EDUCATION OF GRAIN-GROWER - AN IMPORTANT ACTIVITY OF
O.V. HITALOV

Kalinichenko N.A.

TILLING PEDAGOGICS OF OLEKSANDR GITALOV

Annotation. The article is sanctified to the analysis of tilling pedagogics of the known statesman, author of "Thought about bread", Twice Hero of socialistic labour, brigadier of tractor brigade in the village of Komyshuvate Novoukrainskyj to the district, founder of motion of tutors in preparation of young tilling change of Oleksandr Gitalov. In the decision of the responsible tasks, related to education of young people, bringing in of her to labour, important role together with school, family, tutors played. They presented the most front-rank and conscious part of a collective farm peasantry; had high-class workmanship, rich vital experience and moral internalss. From good will, after the appeal of the soul they taught the young people of industriousness, to perfection of professional abilities, bringing up her on the best labour tilling traditions.

Keywords: *Oleksandr Gitalov, tilling pedagogics, tutorship, the young tilling.*

Sadovoy N. I.

EMPLOYMENT TRAINING AND EDUCATION STUDENTS AS THE BASIS VOCATIONAL WORK IN
THE NEW PARADIGM OF EDUCATION

The problems of labor training and education are considered in the article. Their actuality is justified by preparing students to choose careers. Young people should be prepared for life on competitive labor market conditions. In Ukraine, some attempts are made to solve the problem. Such process has not completed yet. The analysis of the labour training curriculum confirms it. We offer to submit for consideration the accumulated experience of schools in Novgorodka, Novoukrainka, Alexandria, Vilshanka regions. It is necessary to go back to the process of labour aducation organization in inter-school industrial training centres. Thus, it is important to produce the viable paradigm of such teaching. The main tasks of such paradigm are: psychological readiness formation of personality for labour; executive discipline training, conscious submission to the requirements of professional activity; a labour prestige uprise; practical training for labour; training for the conscious choice of profession.

Keywords: *labor education, employment training, technology, career choices, O. Hitalov paradigm of education.*

INNOVATIVE APPROACHES TO THE PROGNOSIS OF TECHNOLOGICAL
EDUCATION CONTENTS

Voytovich O.

DEVELOPMENT OF TECHNICAL COMPETENCE OF FUTURE ENVIRONMENTALISTS BY STUDING
DISCIPLINES OF TECHNICAL AND TECHNOLOGICAL TRAINING CYCLE

The article is devoted to the problem of training future environmentalists to the understanding of production processes and the analysis of their impact on the environment through the development of professional competencies of students in ecology, particularly technical. Proposed to solve the problem by creating an integrated system of methodical study subjects technical and technological content (Technical Ecology, Urban ecology, Fundamentals of industrial and agricultural production).

Keywords: *professional competence, future environmentalists, methodical system, technical and technological disciplines*

Yezhova O. V.

PROGNOSTICATION OF CONTENT IN EDUCATION OF INFORMATION TECHNOLOGIES IN
PROFESSIONAL TECHNICAL EDUCATION INSTITUTIONS OF SEWING PROFILE.

The article is devoted to the substantiation the purpose, structure and content of the manual for professional technical education institutions in information technologies in sewing industry. Theoretical information take account the forecast of automation design and the production of clothing. The main types of support CAD of clothing are described. System of tasks for creating models of clothes in CAD Grazia is developed. Students are asked to enter input data and formulas; create drawings detail; add technological allowances; form model and tasks for layout; perform layout in manual and automatic modes. Tasks correspond to different levels of professional activity: stereotypical, operational, exploitational.

Keywords: *information technologies, sewing industry, professional technical education, CAD/CAM/CAE of clothing, levels of professional activity.*

Zubar N.**FORMATION OF PROFESSIONAL COMPETENCE OF TEACHERS OF VOCATIONAL TRAINING IN HOTEL AND RESTAURANT BUSINESS**

The article is devoted to the analysis of professional competence of the teacher of vocational training and a specialist in the hospitality industry, the proposed model of professional competence of the teacher of vocational training in hotel and restaurant business and its structural components.

Keywords: competence, professional competence, teacher, specialist, hotel and catering business.

Sergei Kononenko, Lesya Kononenko

In the article the technique of learning by students majoring in technical education» basic concepts of digital television. This makes it possible to understand the methods of modern scientific research and helps students to develop curiosity, inquisitiveness and engineering ability.

Keywords: digital TV, TV systems, analog-to-digital converter, digital-to-analog converter

Kohanko O.**PORTFOLIO AS AN EFFECTIVE WAY OF TRAINING OF FUTURE TEACHERS IN AN EXTENDED-DAY GROUP.**

The article discusses different approaches to the interpretation of the concept "portfolio", the functions, types and principles of its implementation are defined. The structure of portfolio as an important means of future teachers' preparation to work in an extended-day group is introduced.

Keywords: primary school, extended-day group (EDG), preparedness of teacher, training of students, portfolio.

Litvinova S.**DESIGNING METHOD CLOUD ORIENTED LEARNING ENVIRONMENTS GENERAL EDUCATIONAL INSTITUTIONS AT THE LEVEL SUBJECT TEACHERS.**

Abstract. The article analyzes the key competence of the modern subject and subject teachers, summarizes the content and nature of its operations for the components (gnostic, design, structural, communicative, expert, controlling), described procedural approach in developing a method of designing a cloud oriented learning environment of an educational institution (COLE CEI) at the level of subject teachers, identified five stages of design, a program of training to prepare subject teachers to use COLE.

Established that procedural approach allows to detail the design process, actively carry out testing and make relevant suggestions for improving the work of COLE CEI. The design procedure at subject teachers demonstrates the abilities, workload, details and nuances of designing COLE CEI.

Keywords: cloud services, cloud oriented, design, learning environment, procedural approach, subject teachers, COLE.

Stohnii Alina**TRAINING FUTURE TEACHERS OF VOCATIONAL TRAINING ON FOOD TECHNOLOGY ON THE BASIS OUTSTRIPPING OF EDUCATION**

The article describes possible ways of the implementation of outrunning education for example preparation of future pedagogues of professional training in food technology. Effective study of technical disciplines require innovative approaches in education and one of these approaches is outrunning Education. Implementation of anticipating education will provide formation of readiness graduate to full functioning in society, which requires competitive professionals.

Key words: outrunning education, fundamentalization education, scientific and research work, multimedia technology, training of future pedagogues, technical discipline, technological practice, professional education, food technology.

Sharov S., Zemlyana I.**DESIGN OF THE TRAINING COMPLEX ON THE SUBJECT "THE ARCHITECTURE OF COMPUTERS".**

One of the means of practical realization of educational informatization and improving the educational process is the use of electronic media for educational purposes, including software and teaching aids. The article focuses on the main advantages of using information and communication technologies in the educational process informing about the development of e-learning training complex on the subject «Architecture of computers». Also is given a description of the main types of designed educational training and some algorithms of their software implementation. Attention is focused on the use of this software system during self-dependent work.

Key words: higher education, electronic educational purposes, educational training program.

METHODOLOGICAL ASPECTS OF PROFESSIONAL COMPETENCE FORMATION IN THE PROCESS OF TEACHING TECHNOLOGIES

Borisenko N.

INTERDISCIPLINARY COMMUNICATIONS IN THE ARTISTIC AND TECHNICAL TRAINING FUTURE TEACHERS OF TECHNOLOGY

The article is devoted to the study of a interdisciplinary communications in the artistic and technical training future teachers of technology. The articles containing information on interdisciplinary communications selected from the journal in question serve as research material. The scientific methods of description, analysis and comparison have been used in research work. The analysis of approaches to the definition of "interdisciplinary communication" is devoted in the article. The essence of interdisciplinary connections in the educational process of higher school explains by author. The importance of implementation interdisciplinary connections in the process of artistic and technical training of future teachers of technology have been substantiated.

Keywords: interdisciplinary communication, artistic and technical training, future teachers of technology.

VASENOK T.M.

FORMING THE PROFESSIONAL COMPETENCE OF INTENDING TEACHERS OF SPECIAL SUBJECTS IN SEWING VOCATIONAL SCHOOLS

The article deals with the problem of qualified personnel professional training considering contemporary requirements, forming the professional competence of intending teachers of special subjects in sewing vocational schools in the process of the design activity training. One of the teacher's work components in sewing vocational schools – clothes engineering designing – is analyzed. The possibilities of modern technologies influence to the level of competitive clothing specialists training in the field of engineering are shown. The content of educational theoretical basis in women's shoulder light clothes designing is suggested for the educational and manufacturing process of professional and practical intending specialists' training on paper and electronic aids.

Key words: professional competence, design activities, clothes designing, the content of educational material.

Zuzyak T.

The article analyzes the history and the evolution of the teaching education on the West Podolia territories. The time interval is second part XVIII till XIX century. Austria realized the reforms in those times. The article describes educational processes which were implemented by empress Mary-Teresa and her son Joseph II. Reforms were a very liberal. The educational processes in the Podolia large cultural center Ternopol are defined. The training of the teaching staffs in Ternopol region is described. Teaching education of the West Podolia was the presentation essence of the Austrian policy.

Keywords: West Podolia, teacher education, Austrian government, Ternopol, Barvinskiy.

S.V.Ignatenko, Ye.I. Yermolenko

USING STRUCTURAL LOGICAL SCHEMES IN THE INDEPENDENT WORK OF FUTURE ENGINEERS- TEACHERS

The application of structural logical scheme in the organization of independent work of students was discusses in this article. The main types of tasks with using structural logical scheme, and their advantages relative to traditional tasks for independent work. was established.

The author described basic rules to be followed in the preparation of structural logic schemes.

Keywords: structural and logical scheme, presentation, visualization, independent work of students.

Kyrychenko O.

INDIVIDUAL EDUCATIONAL TASKS FOR CLOTHES DESIGNING AS A MEANS OF FORMING CREATIVE SKILLS OF FUTURE SEWING PROFILE ENGINEERS-TEACHERS.

The problem of improving the training quality of future sewing profile engineers-teachers by forming their creative skills was examined in the article. There are the methodological approaches to the development of the system of individual creative tasks. Assignments were designed to "Clothes designing" discipline, and have a different themes, embodiments, complexity (level of creativity) and allow to take into consideration the individual characteristics and the initial level of development of creative abilities of each student.

Four levels of difficulty for creative tasks on clothes designing for students independent work were suggested. Implementation of such training and creative tasks allows students to form professionally significant skills for the engineer-teacher.

Keywords: creative skills, sewing profile engineer-teacher, individual creative task, creativity level.

Kosiak I.**THE INTERACTION MECHANISM OF CREATIVITY AND MODERN DESIGN IN CLOTHING DESIGN**

The article reveals the content, purpose, objectives, and the process of creating the garment in the context of a comparison of existing design techniques in the design of clothing. Since the process of art designing of new design objects is very difficult and multi element, it involves not only the mind, knowledge and skills of the artist, but also its inner feelings, observation, perception, imagination, thinking. Therefore, the article describes the components of the mechanism of creativity related to the philosophy of creativity in the arts, science, engineering, which purposefully or spontaneously used in the creation of objects and objects of intellectual work.

Key words: presentation, thought, design-planning of clothes, modern methods of planning of clothes, feelings, mechanism of creation.

Lozenko A.**ACTUAL PROBLEMS OF FORMATION OF FUTURE ELEMENTARY SCHOOL TEACHERS SKILLS TO ANALYZE A LESSON AS AN INTEGRATED DIDACTIC SYSTEM.**

The article determines the actual problems of formation of future elementary school teachers skills to analyze a lesson as an integrated didactic system.

Keywords: didactic training; the ability to analyze a lesson as an integrated didactic system; analysis technology of lesson as a system.

Manoylenko N.**FEATURES OF A TECHNIQUE OF FORMATION OF CREATIVE ABILITIES AT THE FUTURE TEACHERS OF TECHNOLOGY.**

Article is devoted to the definition of common approaches to the development of methods of formation of creative abilities at the future teachers of technology. The results obtained are transformed in the process of preparing teachers to conduct classes of technologies for the production of garments.

Keywords: creative skills, heuristics, independent work, transfer of knowledge, composite solutions, garments.

Marushchak O., Korol V., Lupyak D.**FORMATION OF PROFESSIONAL COMPETENCE OF THE FUTURE TEACHERS OF TECHNOLOGY**

The article describes the basic tasks that are specific to the educational field «Technology». Based on the analysis of knowledge and skills that must be mastered future teachers of technology for their activities, and specific tasks allocated components of its professional competence, characteristic for training and production activities, including: research, design, production and technology, organizational and management, psycho-educational and informational competence; delineated range of professional challenges inherent in each of them; defined principles (scientific, systematic, consistency, humanism, activity, communication theory and practice, individualization, the context, the availability of training, development of reflection) and articulated pedagogical conditions of the formation of professional competence of future teachers of technology.

Keywords: teacher technology, professional competence, components of professional competence, pedagogical conditions.

Tkachuk S.**THEORETICAL BASES OF FORMATION OF PROFESSIONAL COMPETENCE OF FUTURE ENGINEERS-TEACHERS IN THE STUDY OF SPECIAL DISCIPLINES**

The article describes the theoretical basis for the formation of professional competence in the preparation of future engineers, teachers and discussed ways to improve the effectiveness of competence-based approach in the process of fundamental scientific competence of engineering specialists.

Keywords: professional education, engineer-teacher, competence, professional competence, engineering and teacher education, industrial and technological activities.

Fedorchuk A. L.**STRUCTURAL MODEL OF TRAINING OF THE FUTURE TEACHER TO WORK IN THE CLASSROOM PHYSICS-MATHEMATICS.**

Modern social, socio-economic and information technology transformation put forward new requirements for the preparation of teachers of modern profile school. Analysis of the state of the investigated problem in scientific and pedagogical literature and the study of practical experience in the use of computer technology in the conditions of profile training of senior pupils in the classes of physical and mathematical structure, make it necessary for problem solving analysis of teacher training to classroom this profile. The article of the function and structural components of the preparation, definition of criteria and indicators of readiness of graduates to work in the classroom physical and mathematical structure.

Keywords: preparation of future informatics teachers, the system model, system approach, the structural model,

the function of training teachers of computer science, structural components of teacher training, levels and criteria for readiness for specialized education.

Chelysheva S.

THE USE OF STUDENT-CENTERED LEARNING TECHNOLOGIES IN THE FORMATION OF CREATIVE ABILITIES OF FUTURE ENGINEERS-TEACHERS SEWING PROFILE

The article is devoted to the process of formation of creative abilities of future engineers-teachers sewing profile, in the process of technological preparation of the example of discipline "Materials Science and Technology of garments," through the use of student-centered learning technologies, in particular the use of tiered method of learning.

Keywords: engineer-teacher, creative skills, technological training, multilevel training.

Shchirbul O.

USE FUNDAMENTAL KNOWLEDGE INTEGRAL PART OF PREPARATION OF FUTURE TEACHERS TECHNOLOGY WITH DESIGN WORKS

In the article the problems of fundamentalization of education. Analyzed the content of the discipline "Technical creativity", which is the discipline of professional preparation of future teachers of technology. Based on the analysis determined the fundamental discipline and knowledge necessary for quality training of future teachers in the aspect of technical creativity.

Keywords: refinement of training, fundamental discipline, technical creativity.

Yarovenko A.G.

TO THE QUESTION OF FORMATION OF PROFESSIONAL COMPETENCE IN THE PROCESS OF PREPARATION OF BACHELORS OF TECHNOLOGY EDUCATION

The article is devoted to consideration of issues of the formation of competence information modeling as part of the professional competence Bachelors of technological education.

Keywords: competence approach, competence, task, the object of study, information modeling, information model, parameters of the model.

METHODOLOGICAL ASPECTS OF TEACHING GENERAL TECHNICAL AND SPECIAL DISCIPLINES IN MODERN TECHNOLOGICAL SOCIETY

Androchtyk Igor Petrovych

MAIN METHODS OF PROFESSIONAL TRAINING OF FUTURE TECHNOLOGY TEACHERS FOR ORGANIZATION OF PUPIL'S EXTRACURRICULAR ARTISTIC AND TECHNICAL ACTIVITY.

The article deals with defining and grounding main methods of professional training of future Technology teachers for organization of pupil's extracurricular artistic and technical activity. Their significance and impact on efficiency of professional training of Technology teachers are developed. The unity and mutual impact of grounded methods to professional training of specialists are focused on.

Keywords: professional training of future Technology teachers, extracurricular artistic and technical activity, humanistic, anthropological, systems, synergetic, active, cultural, axiological and subjective methods.

Androchtyk Irina Vasylivna

PRINCIPLES OF TRAINING OF TECHNOLOGY TEACHERS FOR PEDAGOGICAL INTERACTION

The article focuses on necessity of grounding principles of training of Technology teachers for pedagogical interaction. The essence of the notion of "principle" is analyzed. The definition of "principles of training of future Technology teachers for pedagogical interaction" is specified. The essence of principles of training of future Technology teachers for pedagogical interaction is defined and developed.

Keywords: training of Technology teachers, pedagogical interaction, principle, principles of modeling, role-playing perspective, humanism, subject-to-subject interaction, dialogization, creating a favorable environment.

Anisimov N. V.

THE SYSTEM ANALYSIS OF THE LITERATURE ON PLOTTING FOR AVERAGE PROFESSIONAL EDUCATIONAL INSTITUTIONS

In article the system analysis of textbooks, educational and methodical grants in a subject of technical plotting which are applied today by teachers and masters of inservice training by preparation difficult electro-and radio engineering trades in professional technical educational institutions is carried out. There were also investigated different textbooks, manuals, directories, books of problems and other methodical materials which have been prepared in other subjects. It was necessary for making for the reason to reveal those intersubject

communications which are necessary for subject studying technical plotting. The system analysis of the educational literature was spent with application of special criteria which have been developed by the author.

Key words: the textbook, the manual, technical plotting, professional technical educational institution, intersubject communications.

Vasylenko Olena

EXPERIENCE OF APPLICATION OF MODERN METHODS OF STUDIES AT PREPARATION OF SPECIALISTS OF RESTAURANT BUSINESS IN HIGHER EDUCATIONAL ESTABLISHMENTS

The article is sanctified to research of modern methods of studies and introduction of the special methods that it is expedient to use for preparation of specialists of restaurant business. Application of the special methodology of educating will allow to understand, what instruments exist for a management the business processes of restaurant economy, and also on the basis of analysis of financial results to accept effective decisions.

Keywords: modern methods of educating, application of modern methods of educating, modern preparation of specialists of restaurant business, restaurant business, methods of educating, management by the business processes of restaurant economy, public food consumption, specialists of establishments of restaurant economy.

Voloshyna O.I.

FORMATION OF PROFESSIONAL ABILITIES IN THE STUDENTS' INDEPENDENT WORK.

The article is devoted to the optimization students' independent work in order to create their professional skills in the process of technological training of engineers and educators sewing profile. Analyzed the content, forms, educational software and organizational-pedagogical conditions of efficiency of independent work of students.

Keywords: professional skills, independent work of students, organizational and pedagogical conditions, activation of independent work.

Deviatiarova T.

THE REMOTE EDUCATION IN PROGRESS OF THE PROFESSIONAL PREPARATION OF SPECIALISTS OF SEWING PROFILE

The article is devoted to the research of the technology of the remote education under preparation of future specialists of sewing profile. This technology includes the formation of professional skills of future engineers of sewing profile in progress of their professional preparation.

keywords: educational process, information technologies, remote education, professional skills, technological preparation.

Emelyanova Tatyana

ABOUT THE TECHNOLOGY OF THE ORGANIZATION OF THE MATHEMATICAL EDUCATION OF FOREIGN STUDENTS AT THE TECHNICAL UNIVERSITY.

Training of foreign students is one of the strategic factors of development of society in the field of educational services. Learning difficulties experienced by students in foreign countries, require a detailed study of technologies of teaching foreign students. The article is dedicated to the question of improvement of quality of mathematical education of foreign students in the technical University. The proposed technology of the practical lessons of discipline "Probability theory and random processes", when the students are organized into mini groups. Among the principles of didactic highlighted the principle principles of visibility, accessibility and professional orientation. Special attention is paid to practical tasks of the practical lessons. The author defines the "typical" and "professionally- oriented" task.

Key words: competence approach to education, the language barrier, didactic principles, principle visualization, principle accessibility, mini groups, typical task, professionally- oriented task.

Kuzmenko O.

STUDY OF SYMMETRY OF ELEMENTARY PARTICLES

The article is devoted the study of symmetry of elementary particles. Classification of elementary particles is shortly exposed and them basic properties. In the article the concept of symmetry and its intercommunication is marked with properties of elementary particles. Two types of symmetry are exposed – mirror and charge connection, that lie in basic elementary particles. It is marked gauge invariantnost', as the special type of symmetry, which is owned by the electromagnetic field and proper him parts are photons. Essence of gauge invariance consists in that as a result of co-operation (electromagnetic, gravity but other) of particle carry this co-operation by some field. This feature of co-operation appeared general and universal. Will stimulate the study of symmetry of elementary particles the students of higher educational establishments them to independent cognitive searching to activity and will develop a scientific world view.

Keywords: *symmetry, fundamental'ni co-operations, elementary particles, physics, educational process.*

Myronenko N.

ORGANIZATION OF INDEPENDENT FUTURE TEACHERS OF TECHNOLOGY DURING THE STUDY
COURSE "FUNDAMENTALS OF FARM WORK"

The article considers the peculiarities of organization of independent work of future teachers of technology while studying the discipline "fundamentals of agricultural labor." Defines the essence of the concept of independent work and its types in the system of higher education. Variant of organization of independent work of students in the study of the discipline "fundamentals of agricultural labor."

Keywords: *independent work, future teachers of technologies, basis of agricultural labor, research task.*

Pulyak O.

TRAINING THE CULTURE OF SAFETY IN THE STUDENTS OF THE HIGHER EDUCATIONAL
INSTITUTIONS

The author highlights the issue of education of safety culture the students of higher educational establishments in modern conditions the development of the country. Analyzed security culture as a component of culture of personality. The main options for listing the contents of safety culture in higher education. Outlines the most important specific features of safety education of students.

Keywords: *safety culture, risk, safety, life, responsibility, harmful and hazardous factors of life.*

Elena Samborska

AUTHOR'S COURSE «MONITORING ACADEMIC ACHIEVEMENTS» AS A FORM FORMATION OF
READINESS TO MASTER OF EDUCATION TECHNOLOGY FOR MONITORING LEARNING
ACHIEVEMENTS OF STUDENTS

The article highlights some scientific problems associated with the need to develop effective means of formation of future technological Masters of Education to monitor students' educational achievements. Grounded training course author «Monitoring academic achievements» as a source of technological readiness Masters of Education to monitor students' educational achievements. Developed thematic plan of the author's course topics and practical exercises.

Keywords: *monitoring academic achievements, commitment to monitoring, masters technological education, principles and criteria for the selection and structuring of educational material.*

Tkachuk A.

CURRENT REALITIES AND ISSUES IN THE STUDY OF THE QUESTION OF "SOCIO-POLITICAL
CONFLICTS WITH THE USE OF CONVENTIONAL WEAPONS AND WEAPONS OF MASS DESTRUCTION"
DURING THE TEACHING OF DISCIPLINE "SAFETY".

The article deals with the study of the features of the socio-political dangers that are associated with different forms of socio-political conflicts. The analysis of ministerial curriculum normative discipline "Safety" and the legal basis of life safety in Ukraine demonstrates the need for more high-grade and high-quality processing of this material by students of higher educational establishments. A system for effective presentations, presentation of lectures on the topic.

Keywords: *the socio-political dangers and conflicts, safety, presentations system*

Tsarenko I.

PROJECTING OF LABORATORIAL PRACTICAL WORKS IN THE COURSE OF «TECHNOLOGY OF DISH
PREPARATION»

The article is devoted to the substantiation of didactic importance of laboratorial practical studies in the scientific discipline «Technology of dish preparation» and the algorithm of its projecting was proposed.

Keywords: *The system of training of students, professional competences, technology of dish preparation, pedagogical projecting, laboratorial practical training session.*

Chubar V. V.

TEACHING TECHNOLOGIES PROCESS OPTIMIZATION OF SENIOR STUDENTS

The paper focuses on finding out the ways of teaching technologies process optimization in senior school. The author suggested optimizing elementary professional competence in senior students in accord with working-market demands, as well as with student's educational and professional interests and intentions. Such optimization is to be provided through the improvement of profile training content of 8th – and 9th – grade students in order to implement succession principle in the educational process.

The usage of educational environment resources of comprehensive schools and other educational enterprises is viewed as necessary for optimizing process. Systematic preparedness of teachers of technologies is also significant.

Keywords: optimization education; profile training; competence-based approach; interests and intentions; educational environment.

NATIONAL AND INTERNATIONAL EXPERIENCE OF TECHNOLOGICAL AND PROFESSIONAL EDUCATION DEVELOPMENT

Honchar M.

THE QUESTION OF REFORMATION OF LOWER TRADE EDUCATION IS IN ODESA'S CONVENTION MATERIALS OF HANDICRAFT AND VOCATIONAL EDUCATION (AUGUST, 3-10 IN 1915)

In the article the ways of perfection the training of skilled workers are examined in a lower vocational schools in the South of Ukraine through the prism of the first work circuitous convention of directors of public schools, chiefs of professional educational establishments of the Odesa educational district on questions handicraft and professional education, that passed on August, 3-10 in 1915 in Odesa.

As a result of the convention there were produced proposals to change the structure of the lower craft schools by forming a three-tier system, trade schools, school crafts, rural trade schools; proposed to extend learning in vocational school from 3 to 5 years and update the curriculum; introduced in the lower professional schools of southern Ukraine teaching electrical engineering and art and furniture specialties etc.

Keywords: the Odesa educational district, convention, South of Ukraine, lower trade education, handicraft educational establishments, craft education, technical education.

O. Gurianova

AN INNOVATOR OF THE PROFESSIONAL EDUCATION OF UKRAINE SYNYAVSKIY'S INNOVATIVE PEDAGOGICAL ACTIVITY (LATE XIX - BEGINNING OF XX CENTURY).

The article is devoted to the studying of the innovation of the pedagogical experience of A. Synyavskiy, prominent figure in Ukrainian school.

Keywords: pedagogical innovations, professional system of the Ukrainian education (late XIX – beginning of XX century), commercial schools, A. Synyavskiy.

Serogina Iryna

THE PROBLEMS OF THE DEVELOPMENT OF MODERN TECHNOLOGY EDUCATION: INTERNATIONAL EXPERIENCE.

This article deals with the features of the development of technological education in the United States, Japan, Switzerland and France. Also the possibility of using this experience to improve the system of technological education in Ukraine is described.

Key words: vocational and technological education, philosophy of technology, technological knowledge.

Sikora Ya.

FEATURES OF MAINTENANCE OF PROFESSIONAL PREPARATION OF BACHELORS OF INFORMATICS

The analysis of various aspects of computer science bachelors. The problems of improving its quality, which requires the use of new approaches to training future IT professionals to enhance their professional skills. This article analyzes the content and generalization of educational training standards. Emphasized the importance of changing the system of standards according to the Law of Ukraine "On Higher Education" (2014). Directions to modernize and improve the quality of higher education in Ukraine and the prospects for further research on the practice of computer science bachelors.

Keywords: bachelor of informatics, educational standard, competency approach.

Tytova N.M.

INDEPENDENT WORK IN PREPARATION OF BACHELORS PROFESSIONAL EDUCATION IN CASE OF DISCIPLINE «CREATIVE LEARNING TECHNOLOGIES»

The article presents the results of work carried out at the National Pedagogical University M.P.Dragomanov, the organization of independent professional bachelor education while learning discipline «Creative learning technologies». The authors analyzed the latest innovative technology training and suggested methodological support, which is aimed at the development of pedagogical creativity of students. Describes the use of instrumental shell program Hot Potatoes 6, which allows teachers and students to create their own interactive tasks without knowledge of programming languages. The peculiarity of this program is that the first teachers using Hot Potatoes 6 assess educational progress of students, and students of the next level independently create rich interactive tasks.

Key words: vocational education, independent work of students, learning technologies

THE USE OF INFORMATION TECHNOLOGIES IN TECHNOLOGICAL EDUCATION

Bovtruk N.

The article is devoted to the analysis of methodological aspects of formation of informatics competences of future teachers of technologies, the relevancy of the problem of informatics competences system formation as a part of information culture which is considered in the context of professional preparation of the specialists of educational sphere "Technology" and some requirements for the formation of informatics competences are analyzed. Some problems which mostly occur during the formation of informatics competences of the future teachers of technological education are pointed out.

Key words: *methodological aspects, informatics competences, teacher of technologies, electronic educational resources, information technologies.*

Boyчук V.

The paper describes experience of application of ICT in teacher technology activities, including implementation of the variable module "Technology Interior Design", which is the result of experimental verification in the course of research. Outlines new approaches to professional training of future teachers of technology.

Keywords: *teacher of technology, design, modeling, art and graphic preparation, art, information and communication technologies.*

Glyanenko K.

INFORMATION AND COMMUNICATION TECHNOLOGIES AT LESSONS OF CONNECTED SPEECH

The features of the use of ICT at lessons of connected speech are considered in the article. The author offers guidelines for the effective use of ICT at lessons of connected speech.

It was proved that application of ICT at lesson of connected speech facilitates the work of teachers, increases the amount of the offered to students educational information, improves the overall interest and motivation for learning, stimulates mental activity of students through the use of cognitive and rapidly changing forms of information presentation, creates favorable conditions for implementation within lesson significantly more amount of academic work. The use of ICT allows change the technology of educational services, to make lessons more vivid and engaging. The computer provides the revitalization of teachers and students at lessons, contributes to the differentiation and individualization of learning, knowledge formation, enhances interdisciplinary communication.

The examples of tasks fragments of connected speech lessons for 8th grade students are given.

Keywords: *interactive technology, multimedia teaching, information and communication technologies, connected speech.*

Ivanytska N.

ADVANTAGES AND LACKS OF STUDY ON-LINE

Abstract: *The article is devoted expedience of the use of the controlled from distance studies physics in educational establishment. We explain concepts «electronic», «mobile» and «virtual» studies, leaning on practical experience of studies there is «on-line» of the modern European educational platform LeOn (Tyrol, Austria). The article determine of structure and intercommunications of constituents of the controlled from distance studies. We consider expedience of application of the controlled from distance studies must be determined economic feasibilities of facilities of studies and software. In the article examine facilities and types of studies as a constituent of structure of the controlled from distance studies*

Keywords: *distance, electronic, mobile, virtual study, educational platform, physics, LeOn, Tyrol, Austria.*

Kravchenya E., Leshkevich M.

The article is devoted to the results of using of informative facilities of educating on the example of discipline "Technology of artistic treatment of materials (woods)". It is shown that introduction of modern technical equipments of educating allowed to promote the level of knowledge of students, assisted stimulation of everyday systematic work of students, provided the even partition of educational load of students and teachers during a semester.

Keywords: *information technologies, treatment of wood, test control, results of educating.*

Ryabets S., Ryabets T., Ryabets M.

CONSTRUCTION OF DYNAMIC OBJECTS OF DIFFERENT SOFTWARE

The article is devoted over possibilities of application software kompyuternoy graphics such as Blender 2.59, 3ds Max 2013 and its library Three.js when rendering the virtual models of the "water surface". It is concluded that a

number of advantages of technology WebGL, one of which is the introduction of 3D graphics directly into the content of Web-pages.

Keywords: Computer network graphics, software, visualization of the water surface, modeling, rendering.

Svyrydjuk V.P.

WEBLOGS AS A TEACHING TOOL FOR PHONETIC TRAINING OF STUDENTS WHO LEARN GERMAN AS A FOREIGN LANGUAGE.

The article discusses the teaching of practical phonetics of the German language students-philologists in the process of self-study using the weblog. The feasibility of using of information technologies for building skills and communication skills in the German language is presented. Examples of exercises for learning of phonetic competence in the use of educational weblog are presented. The expediency of application of weblogs in terms of students' independent work is substantiated.

Keywords: weblog, phonetic skills, listening verse, the German competence.

Sosnova M.

THE FEATURES OF USE OF GRAMMATICAL FORMS OF NOUNS, NUMERALS IN PROFESSIONAL SPEECH WITH THE HELP OF INTERACTIVE WHITEBOARD SMART

In the article the application features of syntaxes of complex sentence didactic materials made for SMART Board were reviewed. The author present informational-communication technologies, with are based en the use of telecommunications, computers, software, collecting and audiovisual systems that allow users to create, access, retain, transfer and edit information. The examples of multimedia didactic descriptive means were presented. Several fragments of interactive board application at the complex syntaxes lessons in the 9th form were offered. It was proved that the application of interactive board in the study process of Ukrainian syntaxes promotes the increase of volume of offered teaching information to pupils, heightens the interest in learning and general motivation, activates the pupils' mental activity due to application of attractive and quickly changing forms of information presentation.

Keywords: interactive board, interactive technologies, SMART Board, didactic multimedia means, dynamic table, dynamic descriptiveness, syntaxes of complex sentence.

Tregub O., Yashanov S.

THE REALIZATION OF PROBLEM SITUATIONS IN PROFESSIONAL TRAINING OF FUTURE TEACHERS OF TECHNOLOGY.

The peculiarities of informatively-technical means of education usage for realization of problem situations in professional preparation of the future teachers of technologies in the article are characterized. It's proved that application of informatively-technical means in education of the future teachers of technologies opens new opportunities of practical delegation of the problem situations management function to the students. It promotes the efficiency improvement of the skills and abilities formation process and the application of the above-noted during the activity.

Key words: problem education, problem situation, teachers of technologies, informatively-technical means of education.