

ABSTRACTS

UDC 378.22:004 Smyrnova-Trybulska E., Cubo Delgado S., Pinto P., Malach J. THE GENERAL CONCEPT OF ANALYSES AND IMPLEMENTATION OF THE LEGAL, ETHICAL, HUMAN, TECHNICAL AND SOCIAL FACTORS OF ICT AND E-LEARNING DEVELOPMENT IN SEVERAL EUROPEAN COUNTRIES – INTERNATIONAL RESEARCH NETWORK. In this paper the authors presented the objectives of the international project IRNet - International Research Network for study and development of new tools and methods for advanced pedagogical science in the field of ICT instruments, e-learning and intercultural competences as well as work package 2: Analyses of legal, ethical, human, technical and social factors of ICT and e-learning development and the state of intercultural competences in partner countries: Objectives, Tasks, Deliverables. The second part of the paper includes data from preliminary research. The study and analysis of global and local documents as well as university documents let compare legal, ethical, human, technical and social factors of ICT and e-learning development and the state of intercultural competences in Poland, Spain, Portugal and Czech Republic

Keywords: ICT, e-learning, IT competence, MOOC, MOODLE, antiplagiarism.

UDC 378.22:004 Morze N. CONDITIONS FOR CREATION AND IMPLEMENTATION OF CORPORATE STANDARD OF MASTERS' ICT COMPETENCE. The paper highlights the need to develop a corporate standard of ICT competence of masters based on UNESCO scientific approaches. It describes model, the level of ICT competence and tools for monitoring its formation in the future for today's professionals. For each of the selected three levels of ICT competence (basic, advanced and professional) determined necessary knowledge and skills, talents and ideas to master. The necessary and sufficient conditions are determined for the formation of the ICT competence of masters in modern university, proffered examples of tasks and competency requirements for the personal educational electronic space for student and educational electronic space of university. Developed and approved corporate standard provides appropriate expertise contemporary specialist who meets the requirements of the labor market and will allow the graduate to be successful in today's information society.

Keywords: ICT competence, ICT competence model, personal educational electronic space for master, e-portfolio.

UDC 378.4 Nakaznyi M. PSYCHOLOGICAL SUPPORT OF E-LEARNING AND DISTANCE LEARNING IN A TECHNICAL UNIVERSITY. The article outlines possible directions of psychological support for students during electronic distance learning; characterizes major components of educational mode "student to student", namely orientational, meaningful, organizational and activity component, estimation and adjustment, the output component, their implementation and operating conditions in a higher educational institution.

Keywords: psychological support, educational program, adaptation to e-learning, motivation, goals and objectives of educational process.

UDC 004.9 Zavgorodnii V., Yalova K., Romaniukha M., Drlik M., Capay M. COMPARATIVE ANALYSIS OF E-LEARNING ENVIRONMENTS AT UKF AND DSTU. The idea of e-learning revolves around the key competences of the 21st century. Efficient university e-courses have a strong impact on potential students and raise the institution's prestige. The article summarizes the essence of e-learning, gives a brief overview of e-learning system in Constantine the Philosopher University (Slovak Republic) and its elements in Dniprodzerzhynsk State Technical University (Ukraine), outlines their strong and weak points, and the ways DSTU may benefit from the Slovak experience of creating e-learning systems.

Keywords: e-learning, remote teacher, virtual learning activities, e-courses, MOODLE.

UDC 378.018.43 Sorokina L., Bogomaz K., Shelomovs'ka O. REGULATORY AND LEGAL ASPECTS OF DISTANCE LEARNING IN HIGHER EDUCATION OF UKRAINE. The article examines the historical path, current state and prospects of development of Ukrainian legislation on distance learning. The paper analyzes main provisions of legal acts. The social importance of distance education is underlined, which lies in its potentially positive impact on raising awareness of society and quality of education. Presented and analyzed are the results of sociological survey, which revealed considerable interest among contemporary Ukrainian students to distance education.

Keywords: legal framework, distance learning, the quality of higher education, the poll, independent work of students

UDC 37.091.313:004.5 Grybyuk O. THE DEPLOYMENT OF CLOUD ENVIRONMENTS OF EDUCATIONAL INSTITUTIONS: SUPPORTING NETWORK SECURITY. The ways of a support network security in the process of deploying the cloud environment of the institution, the deployment of such a system specification, added additional cloud provider Balancer loads, mounting block storage devices and ephemeral devices using an encrypted file system, server virtualization, experimenting with configurations and restructuring comp image ' these files. We give factors of effectiveness of network security in cloud environments.

Keywords: cloud environment, school, server virtualization, network security, ephemeral device.

UDC 673.004.18 Sadovoy O., Yashina K., Il'chenko L., Iskandarova N. SYSTEM OF VIZUALIZATION FOR METHODS OF SPLITTING BODIES OF CUBIC, CYLINDRIC AND SPHERICAL SHAPE. In this article the authors present their software product for the visualization methods of splitting bodies of cubic, cylindrical, and spherical shape into elementary volumes, designed on the principles of object-oriented software development methodology, using the language C #. The core of this software is object decomposition, based on the criteria of the program's element's belonging to different abstractions of the problem segment.

Keywords: visualization, mathematical model, object-oriented software development, programming language C #, object-oriented software development, teaching module.

UDC 811.111 Voronova Z., Belyakov V. REALIAS IN UKRAINIAN POETRY AND WAYS OF THEIR TRANSLATION TO ENGLISH. The article analyzes main means of reproduction of semantic and stylistic features of realias in the English translations of Ukrainian poetry in particular Y.Fedkovych, P.Tychina, G.Kvitka-Osnovyanenko, T. Shevchenko and I. Franko. The main methods of reproduction are transcription (transliteration) hiperonimic translation, descriptive translation, combined renomination, tracing, interlingual transposition on the connotative level, the method of assimilation, contextual clarification of realias, invention of situational match.

Keywords: Ukrainian poetry, realia, translation, transliteration, transcription.

UDC 811.111 Voronova Z., Belyakov V. REPRODUCTION IN TRANSLATION OF ENGLISH INTENSIFYING TROPES. The article is devoted to the study of peculiarities of using and ways of translating the intensifying figurative means, such as periphrases and euphemisms in the language of English mass media and belletristic literature. Their functions, types, versions of classifications made by foreign and native scientists are considered.

Keywords: figurative means, euphemisms, periphrases, expressiveness, semantics, stylistic colouring.

UDC 811.133.1 Reznik N. SENTENCES WITH EXTENDED SYNTACTIC STRUCTURE IN MODERN FRENCH. In modern French syntax is the subject of more active learning. Sentences extended syntactic structure is one aspect of the problem. The paper analyzes three types of complex sentences: asyndetic, coordinative and subordinate ones. The classification of subordinate complex sentences is presented.

Keywords: the French language, syntax, complex sentences, asyndetic, coordinative and subordinate complex sentences.

UDC 800/82.3 Belyakov V. PECULIARITIES OF FUNCTIONING OF PHRASEOLOGICAL UNITS IN THE ENGLISH-SPEAKING MASS MEDIA. The article deals with using the phraseological units and their influence on the style of mass media for giving them expressiveness and emotional colouring. Such characteristic features of phraseological units as their metaphoric meaning and using, regular dependence of components and stability on phraseological level are studied. The origin of occasional changes as well as standardization of phraseological units are analyzed.

Keywords: phraseology, expressiveness, metaphoric meaning, phraseological variants, set units, occasional changes.

UDC 811 Sliusarenko D., Belyakov V. THE CATEGORY OF TEMPORALITY AND LEXICAL AND GRAMMATICAL MEANS OF ITS CONVEYING. The article deals with a notion of “temporality” as a special functional and semantic category based on various morphological, lexical and syntactic means of denoting tense aspects. Certain grammatical forms are analyzed on the morphological level. As for the lexical level the attention is focused on the units with temporal meaning and syntactical constructions are considered on the sentence level.

Keywords: category of tense, tense aspect, temporality, tense forms, functional and semantic category.

UDC 004.912:004.056.52:517.5 Shumeiko A., Tymoshenko D. USING ALD-FORMAT FOR LIMITING UNAUTHORIZED DISTRIBUTION OF DOCUMENTS. The papers is dedicated to the methods of complex electronic raster document processing that improve quality of the data compression and make information distribution more controllable. The main idea is to divide electronic raster document into the information layers: symbols layer, “business graphics” layer, images layer and background. The independent method of the processing and compression is used for each layer.

Keywords: electronic document, protection from unauthorized distribution, copyright protection.