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APPLICATION OF THE SPECIAL COURSE
ON THE METHODOLOGY OF THE USE OF APPLICATION SOFTWARE
IN THE PROCESS OF STUDY OF MUSICAL ART IN THE SYSTEM
OF POSTGRADUATE PEDAGOGICAL EDUCATION
AS A WAY TO THE PROFESSIONAL ADVANCEMENT OF MODERN TEACHER

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However, up to this time, there were no developed training programs of special courses on the study of the methodology of the use of applied software in the process of studying musical art for students of advanced training courses, which are held on the basis of institutes of postgraduate pedagogical education. In the article methodology of work is offered in the standard programs of Windows and application musical programs Sound Recording, Windows Media Player, Finale, Audacity. The method of working with the site «x-minus-me» is described. It is worked out educational is the methodical providing of the special course from methodology of the use of application software in the process of study of musical art. It will be that introduction of the special courses to the system of then − diploma pedagogical education will increase efficiency of process of studies of modern teacher of musical art.
Keywords: the special course, application programs audio «Recording», «Windows Media Player», «Finale», «Audacity», web-site «x − minus.me», the melody of the song without vocal accompaniment, educational disks, set of notes in the program «Finale», vocal score.

Challenge problem. Raising of problem. Modern development of information technologies status envisages application in the educational-educator process of various innovations, that will do him more interesting, clear and accessible.

At passing of courses of in-plant training institute then − diploma pedagogical education must provide the increase of trade education of personality, solvent to activity in the conditions of rapid change of socio-economic relations, application of the modern informative systems. To our opinion, at the study of disciplines of musical cycle appropriate will be application of the application programs. It will help to do the lessons of musical art attractive and emotional.

Analysis of scientific research studies. The analysis of results of researches of modern scientists gives an opportunity to assert that a question of innovations is actual in present time. Scientists-researchers: P. Gorol, R. Gurevich, O. Ovcharuk, L. Danilenko, I. Dychkivska, O. V. Moiseiva in the publications and scientifically-methodical manuals describe experience of the use and introduction of innovative and informative technologies in an educational process. T. Zatkania, V. Romanchuk, O. Yuzyk recommend to inculcate in an educational process, in particular to lessons of music and at preparation to them application programs of musical direction. An executable code «the Musical informatics» is celled O. Bondarenko, Yu. Oliynik offers working program of course «Modern information technologies in music».

The programs are recommended for the students of pedagogical institutions of higher learning.

However to this time there were the worked out on-line tutorials of the special courses on the study of methodology of the use of application software in the process of study of musical art for the listeners of courses of in-plant training in the system then − diploma pedagogical education.

Raising of tasks. To describe the educational and methodological complex of the worked out special course for the system of then − diploma pedagogical education «Methodology of the use of application software is in the process of study of musical art» (author O.P. Yuzyk).

The research objective. Aim of the article. To expose the features of work with teachers − listeners of courses of in-plant training at the study of the special course.

The main body of the research with scientific − cally based results. On the base of the Rivne regional institute of postgraduate pedagogical education the special course was worked out «Methodology of the use of application software in the process of study of musical art: the special course. it is Rivne: of ROIPPO, 2015. − 25 pp.» by the author of this article, that is addressed to the teachers of musical art.

In the process of study of the special course an acquaintance is offered with the programs «Windows Media Player», «Тpiano», «Audacity» and technologies of work with them, acquisition of practical skills of work with the application program «Finale».

The special course envisages studies at general school of children with the special educational necessities. Having regard to it, presented recommendations in relation to work with the marked category of children.

With the aim of activation of thinking of schoolchildren in the process of study of the special course to the teachers the ground of bioadequate methodology of studies is offered. The special course is recommended to printing of the Rivne regional institute scientifically-methodical advice postgraduate pedagogical education (farther ROIPPO), protocol № 4 from November, 09 in 2015.

Development of the special course was given on participating in the Seventh Allukrainian compe-

tition for the best scientifically-methodical development in the system of postgraduate pedagogical education and got an approving review (sheet of the National academy of pedagogical sciences of Ukraine, University of management of Ukraine № 01−02/430 from 07.07.2015 «About marking of winners of the Seventh allukrainian competition for the best scientifically-methodical development in the system of the − diploma pedagogical education in 2015».

Aim of the special course: forming for the listeners of courses of in-plant training of practical skills of work with information musical technologies.

Task:

− to acquaint the listeners of courses from:

· by the technical equipments of studies, that is used in educational activity and preparation to employments of music masters;

· by classification of software application from a musical art;

· by the main menu of the program «Finale» and bar of tools;

− to teach to enter a musical score in Program-notator of «Finale»;

− to teach to save a file musical in the folder created in good time on the disk of D;

− to explain the process of printing of musical score from a musical file. mus;

− to teach teachers to look over and edit the musical score of song, using the program «Finale»;

− to acquaint listeners with the methods of installation and uninstallation of software application from a musical art.

Expected educational result:

− are practical skills of work with the program «Finale».

Knowledge:

− information and Communication Technology in the process of study of musical disciplines;

Table 1

Educational-thematic plan of the special course

№	Conteins	All	Lectures	Seminarium	Practical
1.	Entry. Information technologies and musical art. Program audio «Recording» as standard program Windows. Program «Windows Media Player». Musical editors. Acquaintance with application software from music, his installation and uninstallation	2	2		
2.	Interface of the program «Finale». A computer setof notes is in the musical editor of «Finale». Set of vocal score according to sample. There are operations with musical saved a file.mus.	2			2
3.	An independent set of vocal score is after a choice in the program «Finale». Special possibilities of Windows for persons with the special educational necessities on the lessons of music. From experience of the use applied programmatic providing on the lessons of music	2		2	
	All	6	2	2	2

Table 2

Contents of the program of the special course

Thematic maintenance	Procedural content and methodical comment
Entry. Information technologies and musical art. Program audio «Recording» as standard program Windows. Program «Windows Media Player». Musical editors. An acquaintance with application software from music, his installation and uninstallation	Information and Communication Technology (ICT) on the educational − process. The use of ICT is on the lessons of music. The use of the program audio «Recording» is for creation of simple musical files. A record of sound is in audio «Recording». «Windows Player» is application in process. Program-notator, her the practical use. Musical editors and application programs on the lessons of music: «Тріано», «Audacity», «Encyclopaedia of musical instruments». The program «Melody» is from the program «Steps to the informatics» (three lessons are studied in a 4th class in a year − month April). Program «Finale». Installation and uninstallation.
Interface of the program «Finale». A computer set of notes is in the musical editor of «Finale». Set of vocal score according to sample. There are operations with musical seved a filet	The included is in the program «Finale». Passing of four steps is with the aim of creation of musical environment. Set of notes in a musical editor according to sample. Listening of the collected piece of music, using the program «Finale». Maintenance of musical file on the disk of D in a folder «Standards of musical scores of teacher». Listening of pieces of music.
An independent set of vocal score is after a choice in the program «Finale». Special possibilities of Windows for persons with the special educational necessities on the lessons of music. From experience of the use of application software on the lessons of music	Independent set of vocal score after the choice of listener of courses in the program «Finale»: («Stove stove bread», «Song about school» T. Masenco, «Good evening, Saint Nikolay», «Shower»). Demonstration of the executed and stored musical scores. Taking into account of the special possibilities of Windows at the use of information technologies for persons with the special educational necessities on the lessons of music. Bio adequate methodology of studies. Work is with children that have the special educational necessities. An acquaintance is with experience of the use of software application on the lessons of musical art. An acquaintance is with educational disks with the aim of study.

ПЕДАГОГІЧНІ НАУКИ

– technical equipments of studies, that can be used in the educational process of school;

– application program «Finale» and standard programs audio «Recording», «Windows Media Player»;

– standard programs of Windows is audio «Recording» and «Special possibilities of the operating system».

Ability:

– consistently to create a vocal score in the program «Finale»;

– to keep and create scores in an own folder (on the disk of D);

– to install and uninstall the programs, using the program audio «Recording».

Possibility:

– to collect a vocal score in the program «Finale»;

– to create vocal developments in the program «Finale»;

– to write down a sound in the program audio «Recording».

A study of the first and second themes is «Entry. Information technologies and musical art. Program audio «Recording» as standard program Windows. Program «Windows Media Player». Musical editors. Acquaintance from software application from music, his installation and uninstallation» recommend to conduct as a lecture. The educational aim of this employment provides for: to acquaint the listeners of courses of increase qualifications with information technologies, that can be used on lessons musical arts; with musical editors that it is possible to use for creation of musical files and study of works of musical art; to ground the role of the program audio «Recording» on the lesson of music; practically to show technology of record of voice file in audio «Recording», her maintenance and recreation through the programs audio «Recording» and «Windows Media Player». To teach to carry out the record of sound in audio «Recording», installation and uninstallation of software application from a musical art. On employment it follows to use chart-support «application software at the study of musical art». The plan of employment is given in maintenance of the program of the special course.

At the study of this theme to the listeners of courses it follows to give the next glossary of terms: of informatively-communication technologies of studies (ІКТ); information technologies; of communication technologies; program audio «Recording»; application software; Windows Media Player; musical editor (Program-notator); installation (setting); uninstallation.

A study of the third and fourth themes is «Interface of the program Finale. A computer set of notes is in a musical editor Finale. Set of vocal score according to sample. There are operations above musical saved a file «.mus». it follows to conduct as practical employment. Employment provides for to acquaint the listeners of courses of in-plant training with the interface of the program Finale: status bar, menu bar, bar of tools, panel for listening of writtenin and created music, panel for the record of notes and them duration; to show a sequence: opening of the program Finale; sequence of registration lean in the program are 4 steps; to the set of vocal score according to

sample and by maintenance of writtenin songs in a musical file; recreation musical saved a file; to expose the features of editing of musical files; to develop observation attention, musical rumor, musical, musical and computer literacy; to bring up a desire to work with a computer technique and create own musical compositions. The plan of employment is given in maintenance of the program of the special course. At the study of this theme to the listeners of courses it follows to give the next glossary of terms: Finale; musical editor; MIDI and MIDI- keyboard.

In order that music master did not squander time on the record of notes from a hand, there are the special programs for creation and musical text revision, in particular, Finale – 2010.

By means of this program it is possible:

1. To create the musical scores of any complication.

2. To listen musical material during the set of notes.

3. To save the collected musical material in comfortable formats.

4. To unseal the created musical material.

5. To prepare notes for their further publication in different editions.

6. To export the created musical document in an audiofile.

During realization of this practical work actually all the time it was sanctified to the study of the program Finale. A teacher acquaints with the interface of this program, steps that it follows to do, before to «begin to write notes on the musical state». The listeners of courses master practical skills of work in program – notator.

Materials are for an obligatory study:

– Russian book on Finale [Internet resource]. it is Mode of access: http://muztime.net/index.php/stati/muz – redaktor/item/finale.

Fifth and sixth theme the «Independent set of vocal score after a choice in the program Finale. Special possibilities of Windows for persons with the special educational necessities on the lessons of music. From experience of the use of application software on the lessons of music» it follows to conduct in form seminar employment. Aim: to acquaint the listeners of courses with bioadequate methodology of studies; to fasten the purchased sequence of set of musical score in the program Finale; to perfect work in a musical editor Finale; set of songs after the choice of listener of courses of in-plant training: «Stove, stove bread», «Song about school». T. Masenko, «Good evening, You», «Saint Nikolay», «Shower»; to develop observation attention, musical rumor, musical literacy, musical computer literacy; ability to analyse; to bring up a desire to work with a computer technique and create own musical compositions; desire to help and support children flawy on the lessons of musical art.

The recommended plan of employment is presented in maintenance of the program of the special course. t the study of this theme to the listeners of courses it follows to give the next glossary of terms: bio adequate methodology of studies; child-invalid; to put with the special educational necessities; to put with features (by violations) psyho-physical development; invalid. For the effective fixing of skills of work in the program «Finale»

to the teacher it is possible to use the worked out individual cards for the independent set of vocal score in the program «Finale», in that contained: the name of song, vocal score of song, text of song.

Also recommend a question for verification of knowledge after the studied special course.

1. Enumerate possibilities of the use of Information and Communication Technology on the lessons of music. 2. Features of the use of the searching systems are for being of the melody of the song without vocal accompaniment of song. 3. Technology of work with the program X − MINUS.ME. 4. Setting of the program «Audacity». 5. Specify a way to the program audio «Recording». 6. Setting of the program audio «Recording». 7. A way is to the program «Windows Player». 8. Setting of «Windows Player». 9. Application of the program «Encyclopedia of musical instruments» is on the lessons of musical art. 10. Installation of on-line tutorials. 11. Uninstallation of on-line tutorial. 12. Setting of the program «Fi-nale». 13. Name the steps of registration in the program «Finale». 14. Features of interface of musical editor of «Finale». 15. Maintenance of the musical file created in the program «Finale». 16. Special possibilities of OS Windows at the use of information technologies for persons with the special educational necessities on the lessons of music. 17. There is setting of educational disks in-process.

Conclusions are from this research. Introduction of this special course in the system then − diploma pedagogical education will assist the creative increase of modern music master, and it in turn will assist activation of educational-cognitive activity of students on employments.

Prospects of further secret services are in this work assignment. Consider that introduction of this special course does not envisage the study of all application programs of musical direction. Therefore possible developments of the special courses in other.

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ЗАСТОСУВАННЯ СПЕЦКУРСУ З МЕТОДИКИ ВИКОРИСТАННЯ ПРИКЛАДНОГО ПРОГРАМНОГО ЗАБЕЗПЕЧЕННЯ В ПРОЦЕСІ ВИВЧЕННЯ МУЗИЧНОГО МИСТЕЦТВА В СИСТЕМІ ПІСЛЯДИПЛОМНОЇ ПЕДАГОГІЧНОЇ ОСВІТИ ЯК ШЛЯХ ДО ПРОФЕСІЙНОГО ЗРОСТАННЯ СУЧАСНОГО ВЧИТЕЛЯ

Анотація
У вищих навчальних закладах, які готують вчителів напряму «музичне мистецтво», використовують та впроваджують у навчальний процес підготовки фахівця інноваційнні та інформаційні технології. Студенти вивчають такі навчальні дисципліни «Музична інформатика», «Сучасні інформаційні технології в музиці» та інші. Проте до цього часу не було розроблених навчальних програм спецкурсів по вивченню методики використання прикладного програмного забезпечення у процесі вивчення музичного мистецтва для слухачів курсів підвищення кваліфікації, які проводяться на базі інститутів післядипломної педагогічної освіти. У статті пропонується методика роботи у стандартних програмах Windows та прикладних музичних програмах «Звукозапис», «Windows Media Player», «Finale», «Audacity». Описано методику роботи із сайтом «x-minus-me». Розроблено освітньо-методичне забезпечення спецкурсу з методики використання прикладного програмного забезпечення (ППЗ) у процесі вивчення музичного мистецтва. Доводиться, що введення спецкурсів у систему післядипломної педагогічної освіти збільшить ефективність процесу навчання сучасного вчителя музичного мистецтва.
Ключові слова: спецкурс, прикладні програми «Звукозапис», «Windows Media Player», «Finale», «Audacity», сайт «x-minus-me», «мінусовка» пісні, навчальні диски, набір нот у програмі «Finale», вокальна партитура.

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ПРИМЕНЕНИЕ СПЕЦКУРСА ПО МЕТОДИКЕ ИСПОЛЬЗОВАНИЯ ПРИКЛАДНОГО ПРОГРАММНОГО ОБЕСПЕЧЕНИЯ В ПРОЦЕССЕ ИЗУЧЕНИЯ МУЗЫКАЛЬНОГО ИСКУССТВА В СИСТЕМЕ ПОСЛЕДИПЛОМНОГО ПЕДАГОГИЧЕСКОГО ОБРАЗОВАНИЯ КАК ПУТЬ ПРОФЕССИОНАЛЬНОГО РОСТА СОВРЕМЕННОГО УЧИТЕЛЯ

Аннотация
У высших учебных заведениях, которые занимаются подготовкой учителей специальности «музыкальное искусство», используют и внедряют в образовательный процесс инновационные и информационные технологии. Студенты изучают следующие образовательные предметы «Музыкальная информатика», «Сучасные инфомационные технологии» и др. До этого времени не было разработано учебных пограмм, спецкурсов по изучению методики использования прикладного программного обеспечения в процессе изучения музыкального искусства для слушателей курсов повышения квалификации, которые проходят на базе институтов последипломного педагогического образования. В статье предлагается методика работы в стандартных программах Windows и прикладных музыкальных программах «Звукозапись», «Windows Media Player», «Finale», «Audacity». Предлагается методика работы из сайтом «x-minus-me». Разработано образовательно-методическое обеспечение спецкурса по методики использования прикладного программного обеспечения (ППЗ) в процессе изучения музыкального искусства. Высновок: введение спецкурсов в систему последипломного педагогического образования приведет к увеличению ефективности процесса обучения современного учителя музикального искусства.
Ключевые слова: спецкурс, прикладные программы «Звукозапись», «Windows Media Player», «Finale», «Audacity», сайт «x-minus-me», «минусовка» песни, учебные диски, набор нот в программе «Finale», вокальная партитура.

ПЕДАГОГІЧНІ НАУКИ