

Через эти и другие подходы семья может активно формировать и укреплять правильные семейные ценности, создавая основу для здоровых и счастливых отношений внутри семьи.

Определенный опыт формирования семейных ценностей накоплен у студенческой молодежи ВГУ имени П.М. Машерова. Этому способствует грамотно организованная воспитательная работа, проводимая кураторами студенческих групп, отделами по воспитательной работе с молодежью и студенческого творчества и культурно-досуговой деятельности. В университете регулярно организовываются встречи, в ходе которых девушкам и юношам рассказывают про семейные традиции и ценности, про отцовство и материнство, про важность продолжения рода.

В качестве экспертов приглашаются врачи, священнослужители, а также люди, которые имеют большие успехи в карьере, а также являются семьянинами. Ко Дню матери студенты посетили центр «Матери и ребенка» в г. Минске. Совсем скоро состоится районный этап республиканского конкурса «Семья года», где самая сличённая, креативная и дружная семья обязательно одержит победу. В учреждениях высшего образования нашей страны стартовала акция «Белорусского союза женщин» «Быть мамой – круто!», в ходе которой учёные-эксперты рассказывают о материнстве и семье.

В ВГУ имени П.М. Машерова к родительской неделе, студенты записывают поздравительные видеоролики, участвуют в челленджах, где говорят важные слова своим близким, проводятся поздравительные акции, в ходе которых студентам предлагается поздравить своих близких, написав им теплые слова в открытках и отправить по почте [3].

**Заключение.** Формирование национальных семейных ценностей у молодежи начиная с раннего возраста, в том числе и в университетах является важной задачей, которая способствует сохранению и укреплению культурного наследия и идентичности нации.

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## USING MODERN MULTIMEDIA TECHNOLOGIES IN THE PROCESS OF LEARNING TO PLAY THE PIANO

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Art is one of the ways to express emotions and thoughts, which can enrich people's lives and increase their interest. Playing the piano is an effective art form. Learning to play the piano can greatly improve students' aesthetic taste and thinking processes. After all, studying theoretical principles and playing the piano during the learning process are effective artistic ways of expressing human emotions and thoughts. The study of human emotions in music and life, their concentrated embodiment in piano musical works requires the use of new forms and methods in the work of the teacher [1, p. 249]. The purpose of this article is to analyze the use of multimedia technologies in teaching piano.

**Material and methods.** The methodological basis of the study is the work of scientists on the issues of professional training of a teacher-musician (Yang Xiaokai, Xiao Chengying, Nie Beibei). Methods of analysis and systematization were used.

**Results and their discussion.** Let us briefly consider the role of aesthetic and emotional education in the process of learning to play the piano. For learning to play the piano, thanks to the effective emotional education of students, it is useful to fully reveal the heart's emotions, use their best life experiences in the process of learning to play the piano, namely, to motivate students' desire for beauty and self-expression. For piano teaching itself, the necessary aesthetic and emotional education is useful for improving the quality and level of piano lessons. This makes students happy, full of fun and thoughtful in their piano learning lessons. Acquiring piano skills (for students), enjoying the teaching process (for a teacher), and general emotional state ultimately make the role of teaching piano sublimated.

To achieve the goal, it is recommended to use appropriate methods of aesthetic and emotional education in the process of learning to play the piano. We need to strengthen the guidance of students in the teaching of the emotional and aesthetic penetration. In the piano teaching teachers teaching goal is not only to improve the students' theoretical knowledge and playing ability, benefit, more important is to need the application of good effectiveness makes the students find their own shortcomings in learning, especially the shortage of thoughts and emotion, improve their ideology and aesthetic level, eventually make them in the liberation of the piano mind and spiritual pleasure.

Effective emotional education and aesthetic education is fully reflected for this point. Specifically, first, teachers need to for piano teaching theory knowledge and playing skills of comprehensive research and analysis, make their level reached a high level, fully demonstrated in the teaching, makes the students to their own template for piano theory knowledge and piano playing skills imitation and learning, and in the specific learning for the understanding of the knowledge and skills, eventually form their own playing style. Second, the piano teacher needs to conscientiously, fully into the teaching work, with sincere emotion and flexibility of language expression for students' learning targeted guidance, fully make the theoretical knowledge and practice play, improve the students for the piano teaching content understanding level and application ability, improve their thoughts and emotions.

For example, we take some works of Beethoven, Tchaikovsky and Chopin as examples for specific explanations. When teaching, piano teachers need to make students fully learn the characteristics and styles of three piano playing, especially to make full comparison, and then make students have a deep understanding in the specific works. For example, Beethoven's works are often heroic, with a chic melody and lively rhythm. Chopin's works have the characteristic of picturesque poetry, and pay great attention to the flexibility of the performance techniques, which makes the listener place in a dreamlike situation and makes full emotional sublimation and artistic aesthetics. Tchaikovsky's work is characterized by a sacred solemnity, as if the listener feel serious and grand scene in sight. Therefore, teachers through this specific work for students to teaching, and makes the students in learning and playing imitation add their understanding of works, emotion and aesthetic fusion, will make the value of these works are fully excavate, will eventually make the piano teaching has the characteristics of humanization, rich, life [2, p. 151].

We need to improve the teaching methods to cultivate students' emotion and aesthetics. Specifically speaking, piano teachers themselves need to have a clear positioning of piano teaching, and grasp the ultimate goal of piano teaching more accurately and flexibly. Through learning the piano theory, mastering the skills of piano performance and so on are the external things of piano teaching, fully express the author's emotions, thoughts in the piano works, and finally make people think, consciousness, the soul moved, emotional enrichment, soul baptism is its ultimate goal. Therefore, the piano teachers need to carry out the necessary emotional education and aesthetic education.

First, students should be guided to fully explore the central ideas of the authors in the works, and make their emotional communication with the authors across time and space through effective performance, so as to form resonance and fully obtain emotional experience.

Second, the piano teachers need to enable the students to fully learn and think about the theoretical knowledge in the piano. Such as: the change of the theme, syllables, the expression of music symbols, the ideas, and so on, eventually make their piano theory accomplishment, in the future can be better learning, improve playing skills, and to fully express ideas, eventually get emotional experience, give the listener full aesthetic feeling, get the soul.

Thirdly, the application of modern new teaching mode plays an important role in improving the quality and level of teaching. For example, network multimedia teaching, micro-class teaching can make students use these ways through pictures, sound, video and other ways of all-round piano knowledge learning and piano performance appreciation, fully aesthetic and emotional experience of works, for their future learning and development to lay a good foundation. For the piano teaching itself, the application of modern new teaching mode makes the past relatively boring, boring teaching methods replaced, effectiveness, intuitive, flexibility, diversity of teaching mode, the students can intuitive and visualization of knowledge learning, better piano works in piano teaching.

**Conclusion.** For piano teaching aesthetic education and emotional education problem research and analysis, is conducive to the piano teacher better application of aesthetic education and emotional education way to improve the teaching quality and level, also makes students through this way to better piano knowledge learning, piano playing skills to grasp the ideas, piano works, improve their ideology.

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## FEATURES OF STUDYING THE COURSE «GRAPH THEORY» AT THE UNIVERSITY

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Graph theory is one of the most rapidly developing branches of discrete mathematics, which is largely caused by the demands of a rapidly expanding field of applications. A large number of problems related to discrete objects are formulated in graph-theoretic terms. Every year the need for specialists capable of solving complex tasks related to the analysis and optimization of network structures increases. Studying graph theory at university allows students to develop the abstract thinking skills necessary to work with complex systems. Additionally, the course promotes the formation of skills in the field of algorithmic programming and process modeling.

The purpose of the work is to study the peculiarities of studying the course «Graph Theory» by students of the Faculty of Mathematics and Information Technologies of Vitebsk State University named after P.M. Masherov.

**Material and methods.** The material for the study is the curricula for the specialties 1-31 03 07-01 «Applied informatics (Computer systems software)», higher education (I stage) and the standard curriculum for the course «Graph Theory». Research methods: analysis of sources, study and generalization of information.

**Results and their discussion.** The academic discipline «Graph Theory» has significant applied potential, as algorithms based on graph theory are used in a wide variety of fields – from