

Research on the teaching optimization path of piano performance major in Colleges and Universities under the background of Internet

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Abstract: With the vigorous development of social economy, piano performance teachers in colleges and universities should actively explore the appropriate opportunity and practice path of introducing Internet technology into classroom teaching, aiming to provide high-quality teaching services for students. Therefore, teachers need to face the east wind of the development of the Internet to promote education reform, use Internet technology to optimize the curriculum, build efficient classroom, and integrate Internet resources to enrich teaching content and innovate teaching methods, so as to play the replication value of Internet technology and ensure the smooth development of piano performance teaching. How to optimize the teaching of piano performance major in Colleges and Universities Based on the internet background is an important issue for teachers to solve urgently. This paper will carry out in-depth exploration around this issue, in order to provide reference for teachers to carry out teaching research.

Key words: Internet; Colleges and universities; Piano performance major; Teaching optimization

Introduction

Internet technology has gradually penetrated into all aspects of people's production and life. Therefore, teachers can use Internet technology to promote professional teaching reform, and put theoretical knowledge explanation and practical skills training in the same teaching position. That is to say, we should not only highlight the humanistic nature of classroom teaching, but also emphasize its practicality, to provide comprehensive and high-quality talents for social development and national construction. According to the author's practical teaching experience, there are many restrictive factors in the teaching of piano performance major, which virtually bring all kinds of adverse effects to the teaching of piano performance major. In order to improve this teaching situation, this paper analyzes the practical significance of teaching optimization of piano performance major based on the internet background, analyzes the problems existing in teaching, and finally puts forward specific optimization paths, aiming to promote professional teaching reform and promote the long-term development of colleges and universities.

1 The practical significance of piano performance teaching in Colleges and Universities under the background of Internet

Based on the traditional teaching mode of piano performance major, teachers have many problems in the actual teaching process, which limits the teaching reform and development of piano performance major to a certain extent. In the traditional classroom, teachers are deeply trapped in fixed thinking, and generally pay attention to theoretical explanation and ignore practical training, and do not put them in the same position, it further limits the improvement of students' practical skills and the development of innovative thinking, and is ultimately not conducive to the overall development of students.

First, from the perspective of quality education reform, various requirements and guidelines are put forward for the teaching of piano performance major in colleges and universities. Based on this, colleges and universities should promote the reform of piano teaching in combination with the development trend of the times and the school running strategy, that is, in addition to completing the basic teaching tasks, they should also exercise their appreciation ability, psychological quality and playing skills. Therefore, colleges and universities need to improve the cultivation of music appreciation ability. They can integrate online teaching resources to create dynamic classes for students, play piano performance videos for them, so as to show them all kinds of playing skills, and improve their music appreciation ability imperceptibly.

Second, teachers can use Internet technology to build a new teaching mode, so as to mobilize students' subjective initiative and effectively improve their piano learning efficiency. The most important point is that under the background of the Internet, teachers can create teaching situations for students according to their development rules according to their actual needs and learning progress, so that they can immerse in specific situations to obtain rich classroom experience and perception, so as to acquire knowledge and perform training in a proactive manner. Finally, it can stimulate students' interest in piano learning and desire to play, and make them concentrate on piano professional learning. At the same time, from the perspective of the development of the new era, teachers can also integrate various teaching resources on the Internet platform to enrich professional teaching content, so as to expand students' cognitive vision and enrich students' knowledge system.

2 Problems in the teaching of piano performance major in Colleges and Universities

1. The teaching content is relatively simple

Many colleges and universities have opened professional courses of piano performance, but many teachers are deeply affected by the traditional view and are used to using single and old teaching content, so it is difficult to mobilize students' subjective initiative, and even kill their enthusiasm for learning, ultimately unable to achieve the expected teaching effect. In addition, the old teaching content of piano performance major is difficult to create suitable teaching situations for students, and it is difficult to meet the students' emotional experience, which eventually leads to students' gradual loss of interest in learning piano performance major, resulting in poor overall teaching quality .

2. Teaching objectives are not clear enough

Based on the background of the new era, piano performance teachers in Colleges and universities are still self-centered to carry out teaching activities. They are used to setting teaching goals according to their own teaching experience and course characteristics, and do not clarify the teaching direction and refine the teaching goals according to the students' real learning situation and practical needs, which affects the teaching level of the whole professional course. If teachers set practical teaching goals, they can provide targeted guidance and help for students in a clear direction, so as to ensure the quality of learning and stabilize teaching efficiency. Otherwise, the quality of teaching will be greatly reduced and the practical needs of students will not be met .

3. Students have individual differences

Due to the different growth environment of students in university classes, their initial levels, personality characteristics, interests and reception abilities are different. Based on this, teachers need to pay attention to the differences between students, provide effective guidance and help for them, and choose piano works that meet their interests and hobbies to carry out appreciation teaching. So as to achieve good teaching results. However, according to the author's teaching experience, most teachers only copy the contents of textbooks to carry out teaching activities, and do not adjust the teaching plan according to the needs of students. Ultimately, they can't help students effectively master knowledge and skills, let alone enrich their emotional cognition .

3 Teaching optimization path of piano performance major in Colleges and Universities under the background of Internet

1. Update teaching ideas with the help of Internet technology

Based on the background of the Internet, teachers need to update their teaching ideas with the times to adapt to the new environment and new trends. They can use the network platform to collect and integrate high-quality teaching resources, provide high-quality literature and audio-visual materials for students, and then help teachers carry out diversified piano performance activities. Attract students to immerse themselves in interesting and novel classroom teaching, and internalize knowledge and form opinions in listening. In addition, when guiding students' learning online, teachers should focus on stimulating their awareness of autonomous learning, encouraging them to express themselves and ask questions freely, so as to enable them to gain profound understanding and cognition in exploration and discussion, and ultimately create a harmonious teaching atmosphere . Teachers should also focus on reflecting the dominant position of students in the classroom. Students can be grouped scientifically and reasonably so that they can carry out network teaching cooperation in groups. After that, teachers should objectively evaluate the results of their group cooperation. In addition, teachers should also implement the concept of teaching students according to their aptitude, fully consider the differences between students, so as to carry out hierarchical teaching on this basis, and finally fully meet the various learning needs of students.

2. Stimulate self-awareness with the help of Internet technology

Teachers of piano performance major in Colleges and universities should be aware of the importance of carrying out teaching reform, and regard stimulating students' autonomy and enthusiasm as the core content of the teaching reform work, that is, teachers need to clarify the dominant position of students in the classroom, so that they can obtain more learning autonomy, and complete learning and exploration tasks driven by interest . In order to achieve this teaching goal, teachers can rely on the network platform to stimulate students' awareness of autonomous learning, including editing video animation, making ppt courseware, collecting audio for students, and integrating various forms of resources to create interesting and infectious Piano Performance classes for students, So as to attract them to immerse in a specific situation to perceive the charm and value of piano performance, and ultimately improve their piano performance ability. With the support of the network platform, teachers can obtain a large number of high-quality teaching resources, and be familiar with the resource interaction and information sharing of love you, so that students can use various mobile electronic devices to preview online and consolidate after class, and help students break the time and space constraints to appreciate excellent steel piano works anytime and anywhere, so that they can acquire professional knowledge and skills . Based on the open and interactive classroom mode, teachers can provide students with a variety of autonomous learning opportunities, effectively enhance their initiative, stimulate their curiosity, enable them to participate in the piano professional courses with full enthusiasm and positive attitude, and ultimately help students build a perfect professional knowledge system of piano performance.

3. Remote tutoring with the help of Internet technology

Teachers need to build a distance tutoring platform for students from the perspective of the vigorous development of science and technology, integrate Internet technology with traditional piano classes, and build a hybrid teaching mode for students . Among them,

distance tutoring can be roughly divided into network classroom, piano theoretical knowledge, piano playing skills and other teaching modules, which can carry out targeted teaching activities to help students break through the learning bottleneck. Teachers can also give full play to the interactivity, openness and other characteristics of the Internet to communicate with students. They cannot communicate with students through online comment area, wechat area, nail group, QQ group and other software. For example, when the teacher organizes to explain the skip playing skills, he can ask the students to establish a wechat group in the form of groups, and encourage them to query the skip playing concepts, types and methods with the help of mobile devices . Teachers should also encourage students to perform effective verification by playing the piano, record it as a video and upload it to wechat group and QQ group for observation and evaluation by students and teachers, so as to greatly improve students' internal demand and motivation to participate in classroom learning and continuously improve their knowledge application ability .

4. Strengthen the teaching staff with the help of Internet technology

In the Internet era, colleges and universities should further strengthen teacher training under the guidance of modern and information education ideas, and put teacher training on the agenda . In order to meet the needs of the development of modern education, teachers should not only master solid basic knowledge, skilled playing skills and rich performance experience, but also have certain information literacy, so that they can collect data and carry out teaching with the help of network technology, and ultimately enhance the advantages of the characteristics of the times in the teaching of piano performance . In the new era, it is important for piano performance teachers to skillfully use computers and teaching equipment. Only in this way can they integrate information technology with curriculum teaching. Therefore, colleges and universities can take effective measures to improve the information technology level of teachers, so as to effectively play the application value of the Internet in piano teaching . Colleges and universities need to take effective measures to improve teachers' Internet and computer application ability. First, organize them to carry out professional training to teach them the necessary network teaching skills; Second, cultivate their awareness of lifelong learning, be able to independently acquire the latest Internet teaching knowledge and skills, and apply them to pre class preparation, classroom primary school and after-school guidance, and ultimately achieve the expected teaching effect .

5. Practice teaching with the help of Internet

In order to organically integrate theoretical interpretation and practical teaching, teachers of piano performance major in colleges and universities should actively build a theory practice integration teaching mode, so that students can learn and master knowledge in practice, so as to effectively improve their piano playing skills and enrich their piano performance experience . Therefore, when carrying out piano practice teaching, teachers can appropriately adjust the proportion of theoretical and practical teaching, and adopt various novel and effective ways to attract students to participate in practical activities, so as to continuously improve students' piano skills. First, when explaining piano theory to students, teachers can introduce practical cases and lead students to analyze case materials in depth, which can stimulate their desire for practical exploration, help them solve problems encountered in practical playing, and ultimately enrich their practical performance experience. Second, teachers can create practical teaching situations with the help of advanced technology. For example, teachers can use VR technology to make up for the shortage of piano equipment and create practical simulation situations for students. In this way, students' practice space can be effectively expanded and their practical ability can be improved. Third, teachers can also lead students to participate in piano performance activities in schools or urban areas, and create a stage for them to perform piano, so that they can continuously improve their comprehensive piano quality in stage performance .

Conclusion:

To sum up, under the background of the Internet era, teachers of piano performance major in colleges and universities should try to integrate the course teaching with advanced technology, so as to provide students with high-quality piano teaching guidance and ensure the stable teaching efficiency of piano performance major.

References:

- [1] SunyanExplore the new path of piano teaching in Colleges and Universities under the background of Internet informatization [j]Artist, 2020, 000 (012): p.122-123
- [2] Tu Bei, Wang YantingResearch on the development of piano teaching in Colleges and Universities under the background of Internet + [j]China extracurricular education, 2017 (12): 2
- [3] NashaResearch on the reform direction of piano teaching in Colleges and Universities under the background of the network era [j]Art education, 2018 (19): 2
- [4] NiuyanminNew exploration on the teaching reform mode of piano major courses in Colleges and universities in the "Internet +" era [j]Journal of Beijing Institute of printing and technology, 2020,28 (S02): 3
- [5] ChenxiaotingApplication and teaching of "Piano Improvisation" online open course in Colleges and Universities under the background of "Internet +" [j] Chinese artist, 2020 (4): 2
- [6] ShenhongOn the cultivation strategy of students' innovative ability in Piano Teaching in Colleges and universities in the Internet era [j]Northern music, 2019,39 (10): 2
- [7] XutianweiOn the teaching research of piano professional courses in colleges and universities from the perspective of "Internet +" [j]Curriculum education

Exploration and practice of the mode of Integrating Ideological and political education into professional practice course under the background of new engineering -- Taking the comprehensive experimental course of product quality inspection as an example

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Abstract: according to the professional education requirements of the course, cultivate and practice the socialist core values. Taking the comprehensive experimental course of product quality inspection as an example, through the mode of organic integration of Ideological and political education content and professional knowledge and skills education content, cultivate students' craftsman spirit of being realistic and pragmatic, practical innovation and excellence, Guide students to deeply understand and consciously practice the professionalism and professional norms of the quality inspection industry.

Key words: curriculum ideological and political education; Experimental teaching; practice

1 Introduction

The guiding outline of Ideological and political construction in Colleges and universities points out that the fundamental issue of education is to cultivate who, how and for whom. The course of Ideological and political education must implement the fundamental task of moral education, and have the talent training goal of "Trinity" of value creation, ability training and knowledge teaching. We should fully reflect the elements of Ideological and political education, write the curriculum syllabus, teaching plans and other teaching documents that reflect the ideas of the ideological and political reform of the curriculum, clarify the curriculum objectives, classroom teaching objectives, reform teaching methods and evaluation methods, produce the evaluation evidence of the achievement degree of expected learning results, and form the teaching reform experience that can be popularized and replicated.

This paper takes the design of the ideological and political teaching mode of the comprehensive experiment of product quality inspection as an example, closely around the professional talent training program and educational objectives, deeply excavates the elements of Ideological and political education, and establishes the teaching mode of the organic integration of Ideological and political education and professional knowledge education.

2 Course introduction

Comprehensive experiment of product quality detection is one of the required professional practice courses for students majoring in

research, 2019 (24): 1

[8] Tu Bo, Yan David Research on the integrated teaching mode of piano "teaching, scientific research and artistic practice" in the education cloud under the internet background [j]Journal of Zhejiang Vocational College of art, 2019,17 (1): 7

[9] Mengyuan Exploration of piano intelligent teaching mode in Higher Vocational Colleges under the background of "Internet +" [j]Computer products and circulation, 2020(5): 21

[10] Panxiaofen, zhanshihua Innovative application of piano impromptu accompaniment teaching mode in normal universities from the perspective of "Internet +" [j]Journal of Honghe University, 2020018 (006): 138-140

[11] Chenmeiling Efficient construction of piano teaching classroom for preschool education major in secondary vocational schools under the background of "Internet +" [j]Modern vocational education, 2018 (35): 2

[12] Zhaixiaoxia On the penetration of multimedia and network technology into piano teaching and performance in colleges and universities [j]Northern music, 2018,38 (4): 2

[13] Chenxiaoting Application and teaching of "Piano Improvisation" online open course in Colleges and Universities under the background of "Internet +" [j] Chinese artist, 2020 (4): 2

[14] Wangjingqiao How piano education in colleges and universities to develop towards internationalization under the background of "Internet +" [j]Think tank era, 2019 (33): 2

[15] Li Rui Analysis of the development of micro piano teaching and flipped classroom in colleges and universities in the "Internet +" era [j]Popular literature and art, 2021 (06): 194-195