

Construction of Piano Accompaniment Teaching Platform in Colleges and Universities under Big Data

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Abstract. At present, with the high development of computer music technology, more and more computer music technology into the field of music education, teaching concepts. Computer music technology has exerted a profound influence on the further development of music in the new era, no matter from the means of creation, sound carrier or music aesthetics. Especially in the process of impromptu accompaniment training has played an incomparable role.

Keywords: -piano teaching; Improvisational accompaniment; Colleges and universities

1 Present situation and problems of impromptu piano accompaniment teaching in colleges and universities

1.1 Theory is divorced from practice

The traditional university piano improvisation teaching mainly adopts theory and large class teaching mode. Music teachers only teach accompaniment and piano demonstrations based on textbook theories. Therefore, under the guidance of teachers, students can master the theory of accompaniment skillfully, but in the actual keyboard, they lack of practice [1]. After all, there is still a gap between the theoretical things and the actual things. Over a long period of time, it will make people overachiever, resulting in a disconnect between theory and practice.

1.2 The incompleteness and coordination of our education and teaching system

At present, the curriculum of impromptu piano accompaniment course in Chinese universities is not perfect and not coordinated enough, and only one course is single, which is not well connected with other subjects [2]. In addition to these, most teachers focus on their own professional knowledge and skills, while ignoring the combination of other courses and majors. As a result, the disjointed phenomenon exists in the teaching of piano improvisation, which cannot be integrated with the whole music course [3].

1.3 Lack of infrastructure and teachers

A.599 B.740 C. Chopnliszt

Red: 704 Green: ChopinLiszt Blue: 599

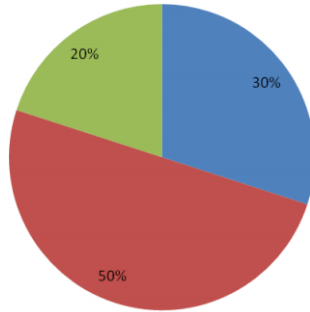


Fig.1 Questionnaire results

Question 2: As a student majoring in music education, are you interested in the course of piano improvisation accompaniment?

A. interested B. Not interested

Red: Not interested Blue: interested

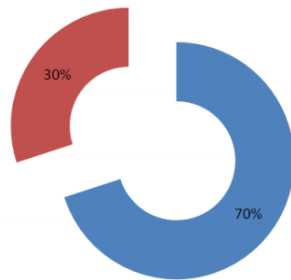


Fig.2 Questionnaire results

Question 3: As a student majoring in music education, what is the level of improvisational piano accompaniment?

A. difficult to learn B. basic accompaniment C. competent in most songs

Blue: Too difficult to learn red: can basic accompaniment Green: capable of most songs accompaniment

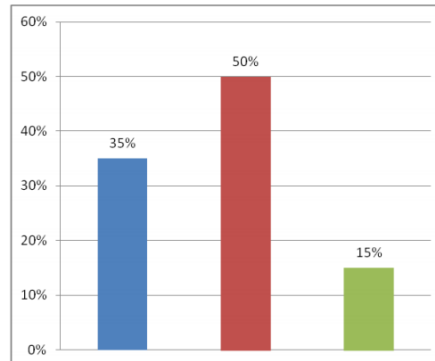


Fig.3 Questionnaire results

2 Advantages and characteristics of piano impromptu accompaniment teaching mode

2.1 Help to provide students with a good classroom atmosphere and timely resource sharing

In the traditional teaching of piano accompaniment, it is an urgent problem to be solved how to convert the knowledge and knowledge into practical operation after students have mastered certain theoretical knowledge [4]. The "cramming" teaching method could not interact with the "individual performance", resulting in a lack of classroom atmosphere and students' enthusiasm for learning. This kind of creative piano accompaniment teaching method can make teachers, students and students in different environments, with different ways of playing and singing to activate the classroom atmosphere, stimulate students' interest in learning, enhance their practical ability and comprehensive artistic level. Music played at once with 88 or 85 black and white keys is called improvisation. It is a kind of improvisation. It is usually played without musical notation, or only with melody and no musical notation, or even without other instruments.

2.2 Improve students' piano playing skills, visual and reaction abilities

Piano improvisational accompaniment is an important factor to determine the level of students' basic piano skills, but also has a certain impact on the quality and effect of improvisational accompaniment. In the live performance, students will encounter different styles of music, can improvise on the spot, so as to improve their visual skills [7].

2.3 Provides an accurate and efficient internship platform for the diversification of teaching forms

University piano improvisation is an innovative teaching method, which breaks the traditional classroom teaching mode and combines classroom teaching with group teaching. Teachers can say goodbye to the past one person on the platform a set of teaching methods, the use of timely live performance to guide and correct students, and according to different characteristics, individualized teaching, so that each student can achieve development. The rich teaching forms

enable teachers and students to observe and communicate with each other. Improve teaching quality.

On this basis, group teaching and individual teaching are combined.

3 Practice research on three creative teaching modes of piano accompaniment

3.1 Teaching methods: Strengthen students' playing practice and practical operation

In college piano improvisation, teachers should not blindly instill what they have learned into students' ears, but should combine what they have taught with the specific methods they have learned, and practice within a certain period of time. Because only in the classroom to listen to the teacher to teach the theory, and the students themselves lack of practical operation, high vision, low hand, difficult to ensure the overall level of improvement. Therefore, it is necessary to ensure not only the accuracy of the students' performance, but also their training time to cultivate the coordination and response of their hands, feet, eyes and ears [8].

3.2 Teaching methods: Multimedia technology, such as digital piano, is adopted

The selection of teaching methods has a great influence on the classroom teaching effect. At present, many universities are using multimedia teaching of digital piano. Abandoning the traditional piano accompaniment lessons, the teacher taught, students memorized theory lessons [9]. Through the study of digital piano, students can greatly enhance their practical ability, reduce the number of paper-based strategies, and let students communicate and practice in class, which can not only exercise students' comprehensive cooperation ability, but also enhance students' creativity.

3.3 Teaching evaluation model: the objectivity and justice of the assessment and evaluation system

In the teaching of piano improvisation in college, objective and fair examination and evaluation methods are essential. This will not only affect students' learning enthusiasm, but also have a certain impact on students' accompaniment skills and playing skills. The form of the examination is not limited to the unified examination after class, nor should it be just one course, but a kind of intermingled examination in the classroom, including questions, roll call, spot check, mid-term exam and so on. The investigation methods are diverse, rich in content and consistent. Only in this way can we improve the initiative of students and improve their learning efficiency [10].

4 The influence of "Internet +" piano teaching on traditional piano teaching

Under the guidance of the new model and concept, the network piano teaching must be expanded on the basis of the original piano teaching, the two complement each other, so as to meet the requirements of modern teaching purpose. In terms of teaching subject, in traditional

piano teaching, the teacher is the subject, and the teacher plays an important role in the classroom with piano and music as the medium. Online education is a student-centered learning mode with students' autonomy as the main one. However, because the piano is a course of music skills, it is often difficult to achieve good results by only relying on the network to teach. Therefore, in the teaching to use the network to supplement and expand teaching, network teaching is a supplement in teaching, network teaching is an effective auxiliary means, can broaden the teaching content, make the teaching more rich, vivid, flexible, effective.

4.1 Improvisation in digital piano teaching

Piano foundation and impromptu accompaniment are two independent and interrelated subjects. Accompaniment course is a practical teaching based on students' proficiency in harmony, accompaniment texture, music theory and performance techniques. Most of the students have some piano skills, but their improvisation performance level is generally low. The purpose of music teaching is to train primary and secondary school music teachers, and the purpose of music teaching is to train students' creativity, and the purpose of music teaching is to train students' creative thinking. Combined with the music characteristics of digital piano, the simple written textbook is transformed into a comprehensive audio-visual textbook. Students majoring in audio-teaching can learn, experience, experience the content of music, feel the content of music, feel the artistic conception, music mood, music mood and music style in class, get familiar with and deepen their understanding of the music courses in primary and secondary schools, and learn to analyze music from a variety of perspectives. Master the content, mood, artistic conception, mood and style of music, deepen the understanding of primary and secondary school courses, learn to analyze music from a variety of perspectives, develop rich improvisational accompaniment arrangement, so as to lay a solid foundation for cultivating students' "artistic creativity".

4.2 Expansion of network-based traditional classroom teaching

Based on the advantages of network and traditional teaching, the two can be organically combined to promote the in-depth reform of piano teaching. For traditional teaching, the most direct and effective method is the teacher's oral instruction, through the teacher's personal demonstration and guidance, so that students can get more knowledge. At the same time, teachers can also teach different students according to their aptitude and carry out targeted, targeted and targeted exercises, which fully reflects the characteristics of piano technology courses. At the same time, make full use of the advantages of network technology, integrate it into the traditional teaching, expand and extend to the traditional teaching, so as to further improve the students' knowledge and understanding of music works.

4.3 Application of network technology in education and management

At present, the network technology has been widely used in teaching and management, but the application in piano teaching is not common. I believe that in some of the most practical places, some reforms can be made. The first point is the application in the piano room practice. Today's piano rooms, most of which are timed with cards, limit the amount of time students spend in the room, but do not give a fuller picture of how students play. Third, use in tests. In order to improve the effectiveness of performance, some colleges, especially students from the department of music education, often use scale arpeggios and improvisational accompaniments

in the test. Because the scale is varied, it is usually randomly selected in the test, and the simple lottery system can be used to solve the problem in the test room at one time, which greatly improves the fairness of the test. At the same time, all the scores can be scored by the judges in the corresponding software, and can be uploaded directly, ensuring the fairness of the test.

5 Conclusion

With the development of social economy and the continuous improvement of people's living standards, the requirements for culture, music and fine arts are also increasing day by day, and the quality education of music education has also received great attention. Therefore, in the teaching of piano accompaniment course in college, we should adapt to the development of The Times, constantly reform the teaching concept, teach students according to their aptitude and keep pace with The Times. Only in this way can we effectively improve the piano performance level in universities, cultivate a group of outstanding musical talents and make greater contributions to our music education. In a word, the most eye-catching and artistic value of piano improvisation is its "improvisation". As a diversified teaching method, micro-class can improve students' music literacy, music creation ability, creative ability and teamwork consciousness. However, how to effectively use this method needs constant practice and exploration, which is worth our further efforts.

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