

Research on the Application of Information Technology in Contemporary Radio, Film and Television Music Creation

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Abstract: Music creation is a new comprehensive course combining theory and practice. With the rapid development of music education in our country, the importance of music creation in the music professional curriculum system of art colleges becomes more and more prominent. Radio, film and television music creation as an indispensable teaching content of music creation courses, its teaching situation directly affects the development of contemporary radio, film and television music creation. In the background of the information society, the contemporary radio, film and television music creation teaching is facing the test of how to apply the advantages of information technology scientifically. In view of this, this paper analyzes the necessity of applying information technology in the teaching of acting radio, film and television music creation, and discusses the application way of information technology in the contemporary radio, film and television music creation.

1. Introduction

Since the rise of the internet era, china's education reform has paid more and more attention to the deep integration of curriculum and information technology, relying on the information technology to construct a new class, which has brought great impact to the traditional teaching idea, teaching content, teaching mode and teaching goal. The effective application of information technology in contemporary radio, film and television music creation teaching can enrich teaching resources, transform teaching methods, stimulate students'interest in learning and enthusiasm for music creation, fully tap students'music appreciation ability and aesthetic potential, and promote students'continuous creation and re-creation in their study. It is the main way to improve students'ability of radio, film and television music creation and comprehensive accomplishment. It can be seen that it is of great significance to study the application of information technology in contemporary radio, film and television music creation, which deserves the attention and enthusiastic participation of relevant people.

2. An Analysis of the Necessity of Applying Information Technology in Contemporary Radio, Film and Television Music Creation

First of all, all aspects of the contemporary society have become more and more closely integrated with information technology. The new teaching mode based on information technology, such as micro-class, interactive electronic whiteboard and flipping classroom, has become an indispensable part of the contemporary education system.[1]. In this trend, the teaching of contemporary radio, film and television music creation courses, only to meet the needs of the times progress, the introduction of information technology teaching means to meet the real needs of students, comply with the requirements of the new curriculum standards to achieve innovative breakthroughs in teaching, therefore, it is necessary to apply information technology in the contemporary radio, film and television music creation teaching.

Secondly, in the development of radio film and television music, the traditional creative technology organizes the music material in the form of lines, and through the traditional method to

gather or combine different music forms, this kind of creation has lagged behind the pace of social development and cannot reflect the aesthetic value of music elements very well. The introduction of information technology-based digital technology for radio, film and television music creation can achieve technological innovation, break the boundary between music and noise, adopt nonlinear music material organization form, subvert single and traditional music aesthetic, better meet people's aesthetic needs, help people to deepen their understanding of radio, film and television music, play a role of virtual band in radio, film and television music creation. From this point of view, in order to cultivate the talents of radio, film and television music creation who are skilled in using information technology such as digital technology, we should pay attention to the teaching and application practice of information technology in radio, film and television music creation technology.



Figure 1 Digital technology music creation

3. The Application Approach of Information Technology in Contemporary Radio, Film and Television Music Creation

3.1. Application of Information Technology to Foster Interest in Learning

In the process of teaching radio film and television music creation, teachers should pay attention to the scientific cultivation of students' interest in learning, and urge students to produce a great impetus for independent research and learning of radio film and television music creation knowledge driven by interest. The author's brief introduction, circulating process, creating stories and so on are displayed by means of MIDI and multimedia teaching, so as to create music situation, make up for the deficiency of wall chart, blackboard, teaching material, musical instrument and traditional teaching aids in the past, stimulate students' interest in music creation fully, guide students to understand the basic ideological connotation of music creation in the music situation, can get the inspiration of music creation through the visual feeling brought by multimedia teaching, expand the learning ideas and improve the learning efficiency.[2].

For example, in this part of the knowledge teaching of "the relationship between film and television music and picture ", in order for students to establish the consciousness of film and television music creation with music matching animation and music service animation, teachers can effectively enhance the artistic expression and appeal of film and television animation picture through affectionate singing, rich and varied melody in the future film and television music creation, further highlight the theme thought of film and television works, play a very popular animation film and television works with multimedia teaching equipment, let students enjoy the theme song " Nezha ", " I am wandering with myself ", whether it's MV, the lyrics or the music, highlight the theme of "Nezha behind the lonely story growth and music ", and play a perfect role in the film, students are very interested in the film, gradually transfer of music to the relationship between thinking and inquiry into the teaching content, and provide a good basis for learning.



Figure 2 The end of Nezha's magic child: me and me

3.2. Application of Information Technology to Promote Understanding of Music Theory

Most of the students mentioned the music theory knowledge teaching, the first thought is boring, inflexible music theory knowledge classroom, immediately no enthusiasm for learning. Teachers applying information technology can change students' inherent views on music theory knowledge teaching, enliven classroom teaching atmosphere, promote students to understand music theory knowledge deeply with novel, interesting and three-dimensional teaching form, and solve the difficult situation of music theory knowledge teaching in radio, film and television music creation course.

For example, in the teaching of the concept of "objective sound and subjective sound", teachers find it difficult for students to understand what is objective sound and what is subjective sound through the description of words, and the learning atmosphere is very dull under the rigid teaching method of words and deeds. At this time, teachers apply information technology to innovate teaching methods, display the objective sound of dialogue, simultaneous sound, background human voice and environmental sound through microvideo collection, so that students can hear and think through it, combine director and screenwriter with film and television program environment, atmosphere, characters, subject added subjective music and commentary on the same microvideo to make students think clearly. With the help of information technology teaching, the students quickly understood the basic music theory of objective sound and subjective sound, and their enthusiasm for learning was greatly enhanced.

3.3. Application of Information Technology to Assist Music Creation

The process of music creation based on information technology is more easy to operate, flexible and low cost. Therefore, in the teaching of radio, film and television music creation, teachers can make full use of information technology to carry out creative practice activities, let students combine their own creative ideas and design outline, collect all kinds of sound material from the network resources, use digital music creation software to combine all kinds of material melody flexibly, and create their own satisfactory works after repeated modification[3]. It should be noted that teachers should maximize the application value of information technology, encourage students to upload their works to the network platform or class WeChat people after students use information technology to complete music creation, so that more people have the opportunity to see and hear the students' radio, film and television music creation works, give praise, affirmation, encouragement or advice, this teaching mode helps to enhance students' self-confidence and sense of success in music creation, and also facilitates students to find out the problems in the process of music creation or the work itself through comments and suggestions from all walks of life, and to make the work more perfect and more in line with the aesthetic needs of the public.

来，来投票！



Figure 3 Online voting

For example, teachers can organize a "radio film and television music creation contest" once a month, let students choose their own subject matter, use digital technology, network music material and other creative practice, and set up the corresponding material reward of the competition, link the competition results and students' participation directly with the students' evaluation, increase the students' serious participation and attention, upload the students' completed radio film and television music creation works to the school's official Weibo account, launch a vote, be more popular than anyone's work, students are inspired by the competition with competitive creation, take the initiative to use the time of public transport, fragmentation and other time to use smart phone to collect relevant music creation materials, learn from other film and television broadcast music creation experience and master more ways to use digital music technology to optimize music creation skills, to be able to play the best role in the competition, and to know the new achievements in the process.

4. Conclusion

To sum up, the development of contemporary radio film and television music cannot be separated from information technology as an important support. As a base for the society to cultivate excellent music creative talents, the teachers should make clear the necessity of applying information technology in the contemporary teaching of radio, film and television music creation, applying information technology in their work, cultivating interest in learning, promoting understanding of music theory, assisting music creation, adopting effective teaching methods, presenting teaching contents of interest to students, providing teaching methods that accord with students' cognitive development law and learning needs, organizing and mobilizing students' active music creative practice activities, thus combining theory teaching and practice perfectly with teaching, integrating teaching curriculum and information technology organically, promoting the progress of film and television music creation in our country.

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