Research on the Integration of New Media and Academic Dance Teaching

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Abstract: With the development of science technology, new media has brought new development opportunities to dance teaching in colleges and universities, and promoted the development of dance teaching. This article, by focusing on the impact of new media on dance teaching in colleges and universities, based on the existing problems in dance teaching in colleges and universities, discussed in detail the integrated application strategy of new media and dance teaching in colleges and universities. It will be in order truly improves the effectiveness of college dance teaching.

1. Introduction

In modern society, new media has become an important part of people's life, and it has been popularized and applied in many fields of social production and life. For dance art, the integration of new media in its evolution process will produce distinctive artistic effects. Under the new media technology, laser dance, holographic theater dance, fluorescent dance and so on have emerged one after another, attracting the attention of the public. New media dance is the product of the rapid development of science and technology. Compared with traditional dance, new media dance has unique advantages and characteristics, and is significantly different from traditional dance in terms of creation, performance and effect. New media technology has played an important role in promoting the development of dance art. For dance teaching, new media technology is also an important content in promoting its progress and development. [1]

New media dance is the crystallization of the mutual integration of dance and new media technology since the 20th century. It is the way of dance art using new media technology to express, and the result of artistic innovation of dance art through new media technology such as network, film and television.

2. Clarify the development of new media dance.

The art of new media dance had already appeared in the 1960s. In 2002, the American postmodern dancer Lucinda, The New Media Dance Evening party launched by Childs became the representative of new media dance, forming a universal model of the integration of theater dance and new media technology. After the dance fully returned to human nature, people began to constantly seek to use various technologies to explore human nature and express their ideas and needs, which laid the foundation for the formation of new media dance. Artists have found that the

use of new media can better express the art of dance, and extend the connotation and meaning of dance art in a more rich and diversified way. The integration of new media technology and dance art breaks through the expression form of traditional dance in essence. Advanced new media technology can form various illusory Spaces and visual effects on the stage, and subtly show humanity and life on the stage, so that various diversified elements can be reflected in the dance works. [2]

3. Analyze the techniques of new media dance.

At present, the application of new media technology in dance art mainly has the following two forms:

First, image technology, the traditional dance art is the stage art, and what conveys the emotion is the dance movement performed by the dancer. The video technology under the new media technology makes the dance art become more diversified from a single form of expression, and the video technology has gradually changed from an auxiliary tool to one of the indispensable aspects. Dance creators can use video technology to replace the specific scenes involved in dance, broaden the original space of the stage, make it more atmosphere, interesting and appealing than the real scene, and then cooperate with the movements of dance performers to fully show the ideas that the dance art wants to convey and express.

The second is virtual reality technology. The application of virtual reality technology in dance art has a more shocking visual effect. The formation of virtual reality is the use of computer to simulate human feelings, sensory nerve stimulation, constitute a visual, auditory, tactile three-dimensional sensory world, the audience in the image of the illusory space, and strive to use virtual reality technology to attract the audience's eyes, for the audience to establish a very close to the real feeling. In dance creation, we need to establish a real three-dimensional scene to use of virtual reality technology, and the use of projectors on the stage, with the dancer's dance movements cooperate with each other, so as to create a fresh and real experience environment. In the space constituted by this virtual reality technology, the emotion conveyed by the dance is sublimated.

4. Explain the role of new media in dance teaching.

The essence and core of art under new media technology is still art, and the application of new media technology is only to strengthen the expression of dance art, and should not be used at will. New media dance is a kind of crossover art, but also a kind of dance art. In the process of new media dance creation, we must still pay attention to the artistic characteristics of dance movements. Dance art creators need to be good at using new media technology to enhance the artistic quality of their works. In the process of creating new media dance, they should choose new media technology that matches the characteristics and language of dance, and improve the choreography ability of dance language under the support of new media technology. As the product of dance art and new media technology, new media dance has unique aesthetic characteristics and brand new artistic expression forms. Since ancient times, every reform of dance art has relied on the power of science and technology, and the audio-visual characteristics of dance have been continued, and the dance art has a new continuation in time and space. The traditional dance art has always maintained its original charm, but under the new media technology, a brand new artistic experience is constantly created, which is the charm of the new media dance art. There is no doubt that the maturity and development of new media dance art will promote the birth of new media dance professionals. In 2011, Beijing Dance Academy set up the major of New Media Dance Choreographer, the main goal is to cultivate comprehensive high-quality talents with both art and technology, to make up for the current shortage of new media art professionals in China. Whether it is a large party or in the enterprise, the new media dance art will bring the audience a brand new artistic feeling, the audience will know and accept the new media dance art, and more and more universities and

enterprises will also begin to train new media art talents, contributing to the development of new media dance. [3]

4.1 The combination of new media technology and new thinking is the new media element.

Nowadays, we have already introduced new media elements in dance courses, such as related equipment in professional teaching. Projection, computer, audio-visual equipment, camera equipment and television and CD, etc., they play a big role in this. They not only replace the traditional teaching mode, but also move the new classroom environment of dance into the classroom. It increases the students' understanding and improves the progress and effect of the class. The new teaching form and the dissemination of new ideas can not only open students' horizon, but also be more conducive to the expansion of ideas. In the form of playing related videos to the teacher can't show the part of the perfect interpretation, because the media player has a slow play function, so that in the difficult movement of the presentation can be seen clearly, the teacher then interpret it, in order to more deeply understand the meaning. [4]

4.2 The application of new media technology in dance classroom teaching.

In dance teaching, the application of new media technology has brought a lot of convenience to classroom teaching. The computer technology and computer network under the new media technology can bring positive effects in the dance classroom teaching. The application of new media technology in dance teaching can stimulate students' enthusiasm in learning lessons and imagination of dance movements. The content of emotion, artistic conception and aesthetic orientation in dance teaching can be presented in another brand new way by using new media technology. At the same time, new media technology can also help teachers improve teaching efficiency, carry out movement explanation and demonstration, so that dance movements are more clearly presented and easier for students to understand and master. For example, in some dances, there are some difficult movements that need to be completed in a short time, and students have some difficulties in memorizing and mastering them. Therefore, teachers can use new media technology to break down dance movements, so that students can learn dance movements according to their own needs. At the same time, teachers can also communicate dance teaching videos and skills with students through We-chat, Weibo and other ways, so that students can have in-depth learning after class.

4.3 Practice of utilizing new media elements in dance art.

Dance teaching is not only to teach students how to learn dance movements, but also to focus on the creation and arrangement of various dances after learning, which would be difficult in the traditional teaching mode. However, with the use of new media elements, this is no longer a problem. Students watch dance videos at the same time. It plays a very good role in spreading the knowledge and spirit of dance and broadens everyone's horizon. The programming function of new media can arrange many new ideas and help students create excellent works. Teachers can also allow students to carry out extensive practice around dance projects, and upload the dance performance created by themselves to the class cloud space, or broadcast it live to communicate with other students. This interactive learning method is full of fun for students, increases the teaching practice module of dance course, and stimulates students' interest in dance learning. So that students can get more opportunities to practice.

Dance teaching is not only to teach students how to dance, but more importantly, to let students master how to design dances and carry out choreography work. It is difficult for traditional teaching methods to meet the needs of teaching. With the application of new media technology, dance classrooms can make use of new media to give students new dance forms, and use new media

technology to explain new dance knowledge and concepts to students. Dance creation and editing software in new media technology can be used by students to make dance arrangements. Students can arrange the dance moves according to their own personalized ideas. For example, they can choose an electronic curtain as the background for dancing, use lighting control to get a better dance effect, and use other new media technologies to create dance works that are more contemporary and trendy.

4.4 The stage under new media channels is a completely different form of performance.

The stage art of dance has been able to establish a new spiritual demand chain with the audience through zero-distance performance, and the form of stage performance should also pay attention to this major change. The teaching innovation under dance choreography is to enable the dance to finally spread the ideological connotation that it wants to convey through the new stage in the most acceptable way, so that the choreographer's thoughts can be expressed in a more diversified and broader stage. In the innovation stage, the full use of new media technology can not only through the emerging lights and props, but also through editing or transferring the camera position, so that the viewing of the dance can enter the transformation of time and space, so that a work has a different display perspective, and then express different spiritual aesthetics and artistic connotation. [5]

5. Conclusion

As the most ancient art form of mankind, dance needs the continuous innovation of the stage in order to thrive. In the teaching of choreography and creation, the teacher can understand the students' movement specialty through continuous careful observation, and further make strategic teaching adjustment based on feedback from the works. In the teaching process, teachers should pay more attention to students' personalized expression, guide students to properly use new media technology in the creation process, and give students space for creation and innovation. Different students have different understandings of different dances. Teachers should fully take into account this objective fact, based on the realistic conditions such as time and place, guide students to find their own world view and expression theory, and make students become the protagonists in the dance choreography and creation process, so as to achieve the best teaching effect.

In short, new media technology has greatly promoted the performance and creation of dance. It is believed that new media technology will also be popularized and applied in dance teaching in the future to promote the development of dance teaching.

Acknowledgment

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