

# Research on the Innovation of Information Technology in Dance Choreography and Directing

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## Abstract

The development and progress of modern information technology has improved the efficiency of people's work and study, and brought convenience to teaching, especially in dance arrangement. Modern information technology can help teachers innovate teaching forms and ideas and bring creative inspiration to choreographers.

## Keywords

Modern information technology; Dance arrangement; Positive impact.

## 1. Introduction

The choreographer creates the content and form of the dance. The choreographer needs to constantly adjust the modeling movements according to the actual situation. With the help of music, costumes and props, the dance movements are connected into an emotional dance work, so that the audience can understand the thoughts and feelings of the choreographer and cultivate their own aesthetic sentiments. The application of modern information technology to dance choreography can provide creative inspiration for choreographers, and then innovate dance expressions and show the charm of dance art.

## 2. The Influence of New Media Technology on Dance Composition Teaching and New Ideas

Using situational teaching method in today's new media environment can first construct the situation better. In the past, in the process of situational teaching method, the main teaching place was confined to the classroom. In the new media environment, there are more ways to construct this situation for students, whether teaching in the classroom or spreading in the network environment.

First of all, we have more materials, such as using video production technology to build more realistic effects and more realistic scenes. The advantage of situational teaching method lies in that it can effectively arouse students' interest in learning dance and make teaching closer to students' lives. Interest is the most important learning motivation. Only when students have interest can they quickly enter the constructed situation. When students can be in a characteristic atmosphere and feel the fun of dance, they will naturally stimulate their emotions in the situation and effectively mobilize the students' motivation for dance creation.

## 3. "Cloud Classroom" Teaching Method

With the continuous development of modern information technology, the application of cloud classroom in dance teaching provides new ideas and methods for teaching and greatly improves the learning efficiency of dance. Cloud classroom is a new teaching tool found under

the condition of the continuous development of information technology. According to the teaching ideas and teaching objectives, the teaching content is systematically and pertinently summarized and presented to students in the form of video and audio. This teaching tool is characterized by short time, concentrated content and richer content.

## **4. Innovating the Teaching Methods of Dance Creation**

### **4.1. Situational Teaching Method**

At present, many professional educators have opened new media accounts. In these accounts, we can see that they are very familiar with their own majors, and at the same time they can find the main points of using new media tools to spread within their majors, and they can find a balance between professionalism and mass communication, so that they can better use new media tools to spread their professional content. Therefore, if we want to combine new media with dance creation teaching, we must also find the point of convergence between dance creation teaching and new media communication, so as to form a good new media teaching literacy.

### **4.2. Change teaching ideas and give full play to the advantages of new media**

With the continuous progress of educational reform, teachers should keep up with the times, constantly update teaching methods, and effectively tap the educational advantages of new media to create a relaxed and interesting teaching atmosphere, so as to obtain high-quality teaching results. With the rapid development of new media and its increasing influence, the construction, application and management of new media have become an important part of the development of the current education industry. Correctly using and managing new media to teach dance composition and creation, continuously providing value for target users and actively creating new media to improve the effect of dance education can effectively highlight the students' dominant position, make the teaching effect of dance composition and creation better, and thus promote the education industry to achieve better development.

## **5. The Influence of New Media Technology on Dance Composition Teaching and New Ideas**

The ecology of the Internet is an open new media, and the information-based teaching environment has become an essential element of dance teaching. Teachers use the information-based environment to selectively create an environment for students, guide students to find problems in their studies and solve them under the guidance of teachers. In addition, students can fully collect all kinds of information knowledge through the Internet, and exchange learning among students, so that information technology becomes an indispensable tool for students' learning. In the two different stages of development brought by informatization, the role played by informatization is also changing. First of all, as an auxiliary and display tool, it can add rich forms to teaching and bring sensory experience; Secondly, with the popularization of network technology and information technology, it has become an information exchange and processing technology in teaching.

### **5.1. Establish the teaching concept of "new media+dance"**

In recent years, the development of Internet industry has gradually enabled traditional industries to change rapidly under the background of Internet technology. The so-called "new media+" is the carrier of information dissemination through new media, which carries a lot of content in the past work. The biggest advantage of new media lies in its wide spread, novel form of communication and accurate communication to the target population.

## 5.2. Build a new media dance creation platform such as "network choreography"

In addition to the new media platforms currently used in the public view, there are also special educational internal network platforms, which provide more educational resources, and at the same time, we can build our own new media dance creation platform for network choreography based on these network platforms.

## 6. Conclusion

To sum up, the positive effects of information technology on dance choreography include improving learning efficiency, stimulating the creative inspiration of dance choreographers, creating a good teaching atmosphere and facilitating timely communication and exchange. The application of modern information technology in the process of choreography can give full play to the professional knowledge and skills of choreographers, spread the artistic thinking of choreographers, make them integrate their feelings in the rehearsal process, stimulate their own creative inspiration, and then better show the charm of dance art and improve the creative level of choreographers.

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