The Organic Combination of Traditional Teaching and Multimedia Teaching in Colleges and Universities

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Abstract: This paper introduces the current teaching and learning in the university, and analyzes the advantages and disadvantages of multimedia teaching and traditional teaching. It focuses on how to improve the teaching effect of multimedia teaching and traditional teaching in colleges and universities Teaching in the organic combination.

Keywords: college multimedia teaching traditional teaching organic combination

With the continuous progress of society and the rapid development of science and technology, multimedia teaching has been widely used in colleges and universities, and even some courses have been replaced by multimedia traditional teaching, and some are still completely traditional model. Multimedia teaching, although the traditional way of teaching to add a lot of vitality, but the traditional teaching after thousands of years of long accumulation, but also has a very rich and valuable experience. Multimedia teaching and traditional teaching have their own advantages and disadvantages, how to make the traditional teaching methods and multimedia teaching methods organically combined with each other to avoid weaknesses, play a greater role, is worthy of our study.

Multimedia teaching refers to the teachers with computer and multimedia technology and equipment to carry out teaching activities, compared to the traditional teaching multimedia teaching to save a lot of time on the blackboard, which makes it in the unit hours of teaching capacity greatly improved. Can effectively expand the students’ knowledge. Whether it is in the open student intelligence, to stimulate students thinking, growth students
knowledge, or in the organization of teaching, make full use of teaching resources, optimize teaching methods, improve teaching efficiency, etc., have shown its advantages.

The use of multimedia teaching can make teachers convenient, fast and full use of modern teaching methods (such as slides, videotapes, CDs, multimedia computers and multimedia CAI courseware) to teach, not only can abstract concepts and theories be boring learning content to show through the graphics, animation and other forms of expression to the students intuitively. So that the teaching content more intuitive, but also in turn can be abstract and general, even without time and space constraints to introduce some new content. It can be seen that the use of multimedia teaching can not only save valuable time, increase the amount of information within the classroom, but also active classroom teaching atmosphere, fully mobilize the enthusiasm of students.

There is also one of the biggest advantages of multimedia teaching is to be able to carry out dynamic simulation, for example, students can get in the lesson often difficult to see close to the real intuitive experience and experience, so the knowledge and skills have a more profound understanding. In addition, the use of multimedia simulation experiments can effectively solve the lack of college teaching funding, lack of experimental conditions and other related issues. In addition, a lot of abstract concepts and important knowledge can also be used to simulate the computer, so that students get rich and intuitive information to help students understand and get the best teaching results. At the same time can also use remote teaching to achieve excellent teaching resources sharing.

Multimedia teaching has a great advantage in terms of access to information, transmission, preservation and sharing. But in the actual teaching process, multimedia teaching still has some problems:

The first. For the teacher, the level of multimedia courseware production, some multimedia courseware too much focus on technology. Ignore the way the display matches the content. And some are to copy the contents of the textbook to the courseware, the class according to the screen direct reading. There are a lot of teachers opportunistic directly on the network to download the relevant courseware used to lead to teaching content and teaching materials and teaching plan is not close enough. What is more some teachers rely entirely on courseware, the basic do not prepare lessons, there is a time to leave the courseware or power failure, they can not carry out teaching activities. These are due to the quality of multimedia courseware production is not high, leading to the advantages of multimedia teaching is difficult to fully reflect.
Second. For students, the multimedia teaching each class to accommodate the amount of information is too large, if the teacher speak fast, it is easy for students to keep up with the teacher's ideas, it is difficult to write a complete note. In this case, although the capacity than the traditional teaching class, but let the students really have little knowledge of the point of view, the effect of teaching effect is not helpful.

Third. In the teaching process, the teacher is more concerned about the courseware itself, pay more attention to the courseware demonstration effect, thus ignoring the communication between teachers and students; teachers rarely pay attention to the students grasp the situation of knowledge, very little feedback on the students to respond accordingly.

Although in the university multimedia teaching has been quite popular, but we are not able to abandon the blackboard chalk it? the answer is negative! Because the traditional teaching or have its obvious advantages. First of all, it has a strong flexibility, teachers in lectures, the face of students, through the body language, facial expressions and students and human communication, not only can be easy to understand the language of a complex problem analysis clear, But also with a strong emotional and logical forces, it is any modern technology can not be replaced.

In addition, teaching and learning is a very complex process, the traditional teaching of another major advantage is to pay attention to the emotional exchange between teachers and students. Teachers in the podium on every move, a look or gestures, and even a smile, not only for students to inspire the induction play a positive role in improving the teaching effect also plays a very important role. Teachers in the lectures will often deliberately put their own views on a problem, to solve the ideas to explain, so imperceptibly affect the students. This not only conveys ideas, knowledge and emotions between teachers and students, but also has a direct impact on the concentration of students' attention, the degree of activity, the degree of preference of the course, and the process will not and cannot be multimedia Computer replaced. Traditional teaching methods can also give teachers and students a larger activity space, teachers can be based on the student's class, the number of students and the level of different use of different teaching methods. Teaching process is a re-processing of teaching content, and then understand, and then play, and then create the process, the environment, the object is different, even if the same content talked many times, but each time there will be different feelings. In the traditional teaching, our goal is more focused on the students from slowly to experience and learn, so as to achieve a variety of students to solve the problem of problem-solving ability. Especially in the course of the experiment in all aspects of the ability of
exercise, as well as emotional control, willpower and other aspects of the formation of the quality we can not ignore.

From the above analysis, traditional teaching has its obvious advantages. However, there is no doubt that the limitations and shortcomings of traditional teaching are also obvious. Traditional education "to the teacher as the center, the classroom as the center, the book as the center", the time and other shortcomings of the book is also under the tide of social innovation is becoming more apparent. For example, the traditional teaching of the image processing function is relatively weak, because the image contains a large amount of information, through oral and blackboard difficult to fully express, it is difficult for teachers to thoroughly analyze and explain some of the image-related changes in the process and fine structure. And some courses only by means of models and wall charts to teach, only by the "blackboard + chalk", students feel difficult to really understand and digest.

Multimedia teaching and traditional teaching have their own advantages and disadvantages. In the multimedia computer into the art design course teaching, the multimedia teaching and traditional teaching complement each other is very important. According to the progress of teaching and information to convey the requirements of teaching in the effective use of a variety of teaching tools and means, combined with the teaching content distribution teaching activities in the proportion of multimedia teaching and traditional teaching methods, so that students can effectively access information is very important. Therefore, a good teaching should be the advantages of the two teaching methods at the same time fully play out, that is to multimedia teaching and traditional teaching in the classroom perfect combination. As for how to combine multimedia teaching with traditional teaching, I think it should be two ways of "complementary advantages". For example, when I teach "digital circuit" circuit design, the use of multimedia and traditional teaching methods, first with the teaching materials about the design method, for some of the requirements of the combination of graphics and text on the use of multimedia to demonstrate and explain, so It makes the students on the design of the content and methods have a very intuitive impression and understanding, and then use the traditional teaching methods, some important characteristics of the circuit to focus on analysis and summary, to develop students a certain logical thinking ability. Wait until the end of this process, there will be a stage summary, the main way is through the detailed design of multimedia courseware for graphic presentation. From these a few points of view, found that students master the knowledge point and the students are very good response. Through this method, from the true sense of the multimedia teaching and traditional teaching complement the advantages of classroom effect has also been greatly improved. Therefore, teachers should
pay attention to the effectiveness of lectures, excellent teachers coupled with the use of just to the teaching means, is the best teaching methods. Of course, we have to deal with the relationship between traditional teaching and modern teaching, the teacher can not only for a trend and only the pursuit of modern teaching methods but completely abandon the traditional teaching methods, but should be teaching students, rational use of various teaching methods The traditional teaching methods and teaching media are summarized by our teachers in the long-term teaching practice, and have their own advantages and values. The role of traditional teaching and multimedia teaching in teaching activities has a different focus and characteristics, but the two complement each other. Therefore, we use the conditions of multimedia, but also interspersed with the use of blackboard chalk and other traditional teaching media, both can not be neglected.

In summary, the traditional teaching methods and teaching media is the majority of teachers in the long-term teaching practice summed up, has its own strengths and values. Therefore, in order to improve the teaching effect and ensure the quality of teaching, in the course of teaching in different courses, teachers can combine the characteristics of the course itself and the different contents of each class, and make use of two kinds of teaching methods, Teaching methods and effective combination, give full play to multimedia teaching and traditional teaching their respective advantages, the two combine to organize teaching activities, individualized. This can not only play the multimedia teaching intuitive and convenient features, but also better for the emotional communication between teachers and students and communication. Finally, I would like to emphasize that the two are not antagonistic. We should focus on how to multimedia teaching and traditional teaching perfect combination, so that they better serve the teaching.

REFERENCES


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