

Research on the Reform Path of University Teaching Model under the Background of MOOCs

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Abstract: With the development of the times, various learning platforms based on new media have emerged one after another. Network courses are diverse and colorful, and the development of network courses shows an irresistible trend. And the rapid development of MOOCs, which is a product of network course, will inevitably have an impact on the traditional university teaching mode. Compared with the traditional offline courses, the advantages of online courses are obvious. The traditional teaching mode must be changed, and only with innovation can it effectively avoid the impact of online courses and continue to exist.

Keywords: University education; MOOCs; Reform; Tradition and modern

1. Introduction

Under the impact of the development of modern society, the traditional education mode is gradually showing its disadvantages. With the progress of the times, various new teaching modes adapting to universities are emerging out endlessly. The emergence of MOOCs is another historic turning point in modern university and college education. However, there is no clear conclusion on how to use MOOCs to maximize its effectiveness in current research.

2. Traditional Teaching Mode in University

2.1. Basic teaching method in of traditional teaching mode in university

The basic way of teaching in traditional universities is that teachers teach while students listen. Teachers occupy absolute dominance in the classroom. In the classroom, only the teacher speaks and they seldom interact with the students. Links, like teachers ask questions, students discuss, teachers praise students, teachers assign and explain homework, and teachers guide students to participate in experimental activities, are very few and the proportion of using new media courseware is also very low. During this period, textbooks are used very frequently. Teachers usually teach according to the content of textbooks. Students also learn according to textbooks and teachers' teaching without extra-curricular content. Most of what students know about is the rigid theoretical knowledge in textbooks and they have no practical ability. Generally speaking, the traditional university teaching mode classroom is the stage of the teacher himself. Stu-

dents only passively accept the knowledge input by the teacher, but seldom actively explore.

2.2. Advantages and disadvantages of traditional university teaching mode

The traditional university teaching mode can make the students firmly grasp the theoretical knowledge and have good theoretical basis and scientific literacy through the teacher's teaching. Moreover, in the traditional teaching mode, teachers have a greater role in restraining students. Students may efficiently complete the absorption and understanding of classroom content because of teachers' restrictions. Besides, teachers are indispensable in university education. Only when teachers have the source of knowledge, can the classroom be more orderly. However, as far as the development of society is concerned, the disadvantages of traditional teaching mode obviously outweigh the advantages. First of all, for teachers and students, the classroom is an interactive place where ideas are and emotions are communicated. Teachers should interact with students through questions, discussions and other links in the classroom. Through interaction, students can understand the knowledge taught by teachers rather than simply through lecturing the knowledge [1]. Secondly, the university classroom should be a place where knowledge collides, thinking exchanges and passions overflow. It should not be bound by teachers' lectures and become a dull place. Finally, there are essential differences between the university classroom and the primary and secondary school classroom. The primary and secondary school classroom is designed to teach theoretical knowledge, but the university classroom where the students transfer from students to social personages.

Therefore, in addition to teaching knowledge, the more important thing in university classroom is to cultivate students' ability to think independently and solve problems independently. When confronted with problems, students can divert their thoughts instead of confining themselves to the knowledge they have learned to solve problems. Moreover, the traditional university education mode is prone to waste resources, which not only refers to the waste of teaching resources, but also includes the waste of students' personal ability caused by the fact that traditional teaching mode cannot fully develop students' thoughts.

3. Modern Teaching Mode in University

3.1. Basic teaching method in of mode teaching mode in university

Modern university teaching mode abandons the traditional idea of teacher-led classroom and advocates that teachers and students should communicate, discuss and learn together in class, instead of that teachers lecture only while students listen only. In addition, modern university teaching has introduced a large number of scientific and technological products, and a variety of teaching modes such as courseware teaching, experiential teaching, simulation teaching, and online teaching, emerge in endlessly [2]. And unlike the traditional teaching mode, the modern university teaching mode, although continuing the basic teaching mode of the traditional university teaching mode, has changed on this basis. It changes the classroom teaching mode and increases the interaction between teachers and students. Teachers in the classroom now guide, supervise and restrain more rather than simply lead the classroom. At the same time, with the progress of science and technology, more and more new media technology has been applied to modern university education. New media courseware teaching is rapidly popularized in university teaching. Teachers do not only teach the knowledge in textbooks. They also put the history knowledge related to this course or the collected information related to this course into the new media courseware to show to the students in class, which expands the students' horizons and tightens the students with the times and society. Thus it can avoid students being away from the society, and is also conducive to the transformation of students' social identity. In addition to offline teaching, online teaching has been developing rapidly in recent years. This paper mainly discusses "MOOCs - Online University". The emergence of MOOCs can be said to be the inevitable development of the times. With the progress of the times, the traditional teaching mode has been changed again. But no matter how it changes, it will not change its characteristic that once the class is over, the teaching is over. And students have to go back to the classroom to get knowledge, to

communicate with the teachers. The class cannot be replayed, only having one opportunity to listen. And at present, not everyone can afford the cost of university education. Even if the students go to university, because of the limitation of the college entrance examination results, they may not choose the major they want to learn. Even if they have chosen the major they like, they may not choose the course they are interested because of the credit limit. The characteristics of traditional university teaching mode and university education restrict the scope of the students of university teaching to a certain extent. Many people who have work cannot participate in the study at all. At this time, "MOOCs - online university" came into being. The so-called MOOCs are that the teachers record teaching videos in advance and then put them on the platform for students to learn. The teaching mode of MOOCs breaks through the boundaries of time and space. As long as you register online, you can learn. The learning time is chosen independently within a specified period of time. As long as you complete the study before the end of the course, you can get the certification of achievement. And there are many kinds of courses, learners can choose different courses according to their own needs, or even choose different teachers. Basically, the corresponding teaching video of courses that cannot learn in school or some extra-curricular interest courses can be found in MOOCs and students can begin self-learning by MOOCs. In learning, if you encounter problems, you can also directly communicate with other students who are also learning this course, to solve the problems. If you cannot solve problems by communicating with your classmates, you can also directly communicate with the teachers who teach this course. And MOOCs are very cheap. Only with a mobile phone, or a computer connected to the Internet, one can start his learning at anytime and anywhere, which also provides a good learning platform for most of the learners without economic ability.

3.2. Advantages and disadvantages of modern university teaching mode

Modern university teaching mode makes full use of the achievements of science and technology, maximizing the value of teacher resources and students' creativity. Today, with the full development of the Internet, the online teaching mode, MOOCs, is basically adopted to realize the exchange of teacher resources. Students in a school can not only listen to their teachers' courses, but also choose other teachers' courses in MOOCs. For students, there are absolutely more advantages than disadvantages. Students can compare the courses they learn at their own school with that in MOOCs. They can learn the thinking methods of different teachers, and expand their horizons to achieve the integration of knowledge. For those courses which students cannot learn in school but be interested,

they can be learned in MOOCs to enrich students learning life. Moreover, many universities and enterprises also acknowledge the students achievements of MOOCs [3]. But as far as the current development situation is concerned, the shortcomings of the current education mode are clear. Modern university teaching mode requires high self-learning ability and self-control ability of students. For those who love learning, this kind of teaching mode can expand their knowledge and let them learn more practical knowledge. However, for those who do not like learning and have relatively weak self-control ability, they maybe cannot master the basic professional theoretical knowledge so well. For these students, they just stop learning after getting a little knowledge of some courses without in-depth research and understanding, which leads to their failure to play their role in future work. This is also the main reason for the polarization of the abilities of contemporary college students.

4. MOOCs in Modern University Teaching

Being unlimited by time and space and the freedom of learning are characteristics of MOOCs' that the traditional university teaching mode cannot match to, and are also important factors for MOOCs being loved and supported by the public. In addition, compared with the traditional university teaching mode, MOOCs also have the following advantages: Firstly, MOOCs support multi-person online learning at the same time, and everyone's learning progress does not affect each other. And for everyone, MOOCs just like their private, one-to-one tutor. Such a teaching model not only avoids the waste of teacher resources, but also solves the current situation of teacher shortage. And the one-to-one teaching method will give learners more motivation to learn; secondly, on the virtual network platform such as MOOCs, most of the students choose learning courses spontaneously according to their own interests or needs. The existence of teachers is mainly for answering questions and solving puzzles. This teaching mode enables students to have more choices and greater initiative; finally, the virtual network curriculum platform of MOOCs is full of randomness and contingency. People who study this course may have different age levels, different social identities, and different life experiences, which leads to their different knowledge mastery and different ways of thinking. The collision of thinking during communication in the course will enable them to have more and deeper understanding of the knowledge they have learned. But even if MOOCs have so many advantages, we still have to recognize that the traditional university education mode is irreplaceable. Firstly, the traditional university teaching mode forms a direct emotional response between teachers and students in the classroom. In the class, students' understanding of knowledge can be more accurate, and communication and feedback between teachers and students will be more

effective. The teaching mode of MOOCs is the direct communication between people and electronic products, which is prone to the deviation of knowledge understanding in the process of learning [4]. Secondly, the traditional university teaching mode can better promote the formation of good interpersonal relationship between students and teachers as well as students and students, and is more conducive to improving students' ability to deal with interpersonal relationships, helping students better adapt to society. Thirdly, because MOOCs are recorded by teachers in advance and then put on the platform, there may be a situation that knowledge is out-dated to be in line with the current facts. On the contrary, the traditional university teaching mode is the face-to-face communication between students and teachers, which can avoid the situation of knowledge being out disconnected from the hot spots of current social events and not being updated and replaced at time. Finally, because MOOCs provide more freedom for students' learning, students may lack a sense of urgency in the learning process, which is unlike the traditional classroom model where students can compare with each other and find out and correct the learning weaknesses in the learning process. In MOOCs, students learn a little by a little during a long. Therefore, after they finish all the courses, they may still don't remember anything, and they don't realize the problems by themselves. In the contemporary university teaching mode, traditional classroom teaching should still be taken as the main teaching mode to train professional talents. As the same time, MOOCs should be taken as a supplementary teaching method to provide the basis of learning a variety of knowledge for those who love learning [5].

5. Conclusion

With the development of the times, the teaching mode of universities will certainly change to adapt to the development of the times and social changes. However, no matter how the university teaching mode changes, whether it is the traditional teacher-led classroom, the modern teacher-student-led classroom, or the MOOCs, the original intention of university education is not only to teach knowledge, but also to cultivate a group of young people with independent thinking ability, divergent thinking ability, good mentality, good communicative ability and the ability to adapt to social development and make contribution to the progress of society.

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