

Research and Analysis of Mixed Course Teaching Mode Based on Mooc

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Abstract: Since the quiet rise of MOOC in previous years, China has also introduced MOOC, and many famous schools have joined the MOOC platform, which has set off a wave of MOOC in China. Especially in the context of educational reform, MOOC has become a new form of education combining the Internet and education, creating a larger platform for the sharing of quality education resources around the world. The advancement of MOOC has had a significant impact on our traditional teaching methods. Some scholars even think that MOOC is likely to completely replace the traditional teaching mode in the future. MOOC does have many advantages over traditional teaching models, but it cannot completely replace the status of traditional teaching models. On the contrary, combining the direct advantages of the two is a better choice of teaching mode. This article is based on MOOC's mixed classroom teaching model for research and analysis.

1. Introduction

At present, some schools at home and abroad have made innovations in the mode of mixed teaching and learning method. Through the combination of computer technology, a gradually blended teaching mode has been explored, which is based on the three aspects of cognition, distribution, and balance. The mixed course based on MOOC is to use the characteristics of a seamless connection between online and offline to innovate the teaching mode, thus the cost of teaching is reduced, and the learning efficiency of students is greatly improved. Therefore, this paper begins to expound the purpose of the significance of the research, summarizes and sorts out some domestic and international research status related to MOOC and blended teaching, through the depth of MOOC and traditional classroom teaching model. To integrate the innovative teaching mode, the advantages of MOOC with traditional teaching mode can improve students' enthusiasm for learning while their learning efficiency.

2. MOOC and mixed classroom

MOOC generally refers to a large-scale online course, is designed concerning the model of the university classroom, aiming at the vast online classroom with the needs of the masses. This online course for the general public needs to be open and content scalable. The new model is currently more mature in foreign countries. These online courses are from famous college classrooms and some related teaching institutions. Before the recording, the teacher will take the best classroom design, with the higher teaching level and the high-level teaching team. MOOC is to enable the teacher to participate in the class interactively. Using this method, the student can learn new knowledge in the course. Through exercises to review and summarize after class, participate in relevant knowledge tests at the end of the period. Under this circumstance, the teaching interaction and mutual evaluation between teachers and students can be realized. This new teaching model has a huge drag effect on enhancing students' interest in learning.

Compared to face-to-face teaching, the mixed course generally refers to online learning combined with computer technology. This learning model began to slowly form after the popularization of the Internet. The famous educators in China once said: "Mixed course is a kind of reflection after the network teaching, and the teaching under this new model is a popular term in the education technology industry. This teaching idea is mainly divided into two learning methods:

combined face-to-face and online teaching mode to achieve a higher teaching quality with the lowest teaching cost. Thus, it becomes a popular teaching mode [1].

The birth of MOOC brings new developments to the blended teaching course. Based on the mixed classroom of MOOC, the main purpose is to use the powerful convenience and efficiency of the Internet as an auxiliary teaching tool in the teaching process, integrating learning in the classroom, student self-directed learning, and cooperation between student-teacher-student and students will be adopted. The advantage of this learning model is that it not only makes good use of the interactive participation of classroom teaching but also the convenience of internet teaching, which greatly improves the efficiency of students' learning.

3. Carry out the teaching strategy of MOOC mixed course

The purpose of teaching is to provide students with practical knowledge and useful knowledge. Therefore, in the mixed classroom teaching mode, it is necessary to take advantage of the traditional classroom, and to inherit the MOOC's Internet teaching convenience. Only learn from each other can this method will make a breakthrough in learn efficiency. During the teaching process, for practical operation and practical environment provision, some practical courses can be adapted to the needs of teaching content, not only for conducting experiments and practical courses. Therefore, in course teaching, we should take the task and collaboration to guide students into consideration, so that students can improve their independent learning ability. At present, most MOOC mixed courses have a good learning environment and corresponding hardware technical support [2]. Teachers and students have a high self-comprehensive ability in Internet technology and have the ability to use information technology independently. Therefore, this is a congenital advantage in the MOOC model. The original intention of the MOOC model is openness, autonomy, and exploration. These characteristics are suitable for students to match their learning characteristics in the learning stage. Thus, the online learning method has fundamentally improved the students' independent learning and exploration. The future development direction of the hybrid course will also develop in a faster and more efficient direction, and students will pay more attention to the development of individual autonomy.

3.1 Clarifying the goals of MOOC learning

Clear goals, carry out MOOC education is a semi-open teaching mode, students choose to learn about their own interests, and the content of the class is not limited to textbooks [3]. Therefore, for related professional knowledge, it may be difficult to achieve a certain depth of learning if only using traditional face-to-face teaching. The advantages of MOOC are reflected. The purpose of MOOC is to extend the interest of students and the extension of relevant professional courses, starting with the students' interest in learning and to find their own needs.

3.2 Scientific choice of MOOC courses

For the choice of courses, there are many different types of courses in the MOOC. These courses are designed by different educational institutions. It is an important task for students to choose the appropriate course for themselves during their studies. You need to consult with the teachers and the experienced person when you choosing a course. Because of its numerous characteristics, listening to the experience may be able to have more references for it. Combined with your own actual situation with these pieces of advice, you will have a good decision. Some experts will publish some suggestions on related information channels, and these can be used for reference.

3.3 Develop a reasonable MOOC learning plan

After selecting the course of MOOC, it is necessary to make some detailed arrangements for the start time and schedule of the course to help students make some study plans and how to carry out MOOC courses in the plan. Learning time allocation, what needs to be considered when formulating the curriculum plan is that the arrangement between each knowledge point needs to be

closely related, which can help the learning to achieve the effect of bypassing the learning when learning knowledge [4].

3.4 Strengthen interaction and communication in MOOC learning

The MOOC course is a process that requires students to learn independently and requires them to build knowledge into the course. What is needed in this process is to learn how to communicate with other learning partners, analyze and discuss problems with the teachers so that they can share teaching, complete daily learning tasks, and improve their learning efficiency on the MOOC platform. In the course study of MOOC, it is necessary to encourage students to be good at using different learning resources. Learning is not just about the transformation of content. Encouraging students to find the knowledge and content they need is more important than learning [5]. MOOC's course learning can also encourage students to explore and communicate with each other and learn together. For example, divided students into a group of two students, one is responsible for asking questions, and the other is responsible for answering questions, and then exchange roles. With such a question-and-answer approach, let the students cooperate with each other to re-understand the scattered knowledge.

3.5 Reflection on MOOC learning

After the study, it is necessary to summarize the reflection in practice. There are many different tests and exercises in the MOOC learning process to help students test their learning and learning goals. The MOOC course evaluation method is diversified and can be divided into three parts: evaluation, self-evaluation, and mutual evaluation. In this way, students can find the inadequacies in the learning process and carry out learning reflection. After rethinking, combining the results to design and adjust learning activities can effectively help students advance the MOOC course.

4. Conclusion

MOOC is the product of a new era, a combination of advanced educational ideas and educational techniques. The birth of MOOC has indeed brought a huge blow to the traditional classroom teaching model, but MOOC cannot completely replace our traditional education model. On the contrary, we can use it as an innovative complement to the traditional classroom teaching model. The effective combination will get rid of the shortcomings of the traditional education model and renew its vitality and vitality. The student's learning process is not only the transfer of knowledge but also the process of development at that time. "Learning" and "teaching" are inextricably linked. The mixed course teaching model based on MOOC is the development of reform and the promotion of education. A successful attempt by the students to accept and improve the quality of the study. "Internet +" has penetrated into every walks of life and has become an irreversible trend of the times. Our education must rely on the tremendous power of science and technology, and actively welcome the arrival of the "Internet +" era, breaking the limitations of the educational resources space, and achieving high-quality educational resources sharing.

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References

- [1] Wang Qian. Research on mixed teaching mode based on the MOOC concept. Modern Trade and Industry, 2019, 40(04): 164-165.
- [2] Wang Jing, Xu Dong, Lu Yuanyuan. Research on online and offline mixed teaching mode based on MOOC. Electronic Production, 2018, (08): 56-57.

- [3] Zhang Xiaoli, Tao Qiao, Luo Shengwei, Lei Lu. Research on hybrid teaching mode based on MOOC platform. Talent, 2018, (23): 94-96.
- [4] Wu Daqing, Chen Wei, Zhang Weihua. Research on the mixed teaching mode of Supply Chain Management based on MOOC and flipping classroom. Education Modernization, 2018, V5(19): 45-48.
- [5] Xiong Zutao. Design and implementation of mixed teaching mode of software engineering course based on MOOC. Journal of Science and Technology, 2016, (03): 62-65.