Research and Practice of Online and Offline Mixed Teaching Mode Based on MOOC

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Abstracts: Under the MOOC environment, the teaching mode of traditional classroom teaching has been changed, so that the offline teaching mode can integrate with modern online teaching and carry out more effective classroom teaching. Under the current teaching background, the traditional MOOC teaching method has become a problem that teachers must face. MOOC is a wisdom generation process, which is more inclined to learners' independent exploration, emphasizes the improvement of students' learning ideas, and uses various teaching methods to solve practical problems in professional knowledge, so as to effectively and fully mobilize students' learning interest and cultivate students' learning ability. This paper analyzes the key points of school professional knowledge education, and puts forward the measures of professional knowledge education in college professional curriculum teaching.

Keywords: MOOC; Online and Offline Mixing; Innovation of Teaching Mode

1. Introduction

Due to the continuous progress of the Internet, a large number of online teaching have been produced, which provides good support conditions for educational progress. Under the background of increasingly developed Internet information, MOOC has changed Chinese traditional teaching methods and brought good scientific and technological guarantee to educational reform. When teachers carry out teaching activities, they should make full use of MOOC and practical classroom teaching methods to cultivate students' practical ability and encourage students to study actively. The use of network information technology can more effectively change the evaluation methods of teachers, so as to drive teachers to change their teaching ideas and promote the quality of school teaching.

2. MOOC overview

MOOC is based on the theory of connectionism and the open higher education method of network education. This teaching method, like the traditional large classroom, gradually develops students from beginners to senior talents. The scope of the classroom includes not only a wide range of science courses, but also social and humanistic history courses. However, MOOC textbooks do not increase credits, nor are they in undergraduate or master's degrees. Because most of the textbooks are free. Some Coursera textbooks also provide a fee based consulting service, Signature Track ", students can choose how to order. You can also read all the teaching materials of these services for free and obtain certification. However, MOOC does not teach face-to-face; These classroom materials are published on the Internet. Students can get first-class teaching on the MOOC platform without restrictions. In the process of teaching, teachers can make some short and clear course videos for learning according to the course objectives and the overall situation of the school Students can observe and grasp knowledge at home before class. After acquiring knowledge in MOOC platform, students can carry out corresponding exercises in the platform to test their mastery of professional knowledge and consolidate what they have learned. In the platform, the correct rate of exercise questions will also be statistically analyzed and submitted to the teacher, so that the teacher can know each student's learning blind zone and clarify what kind of problem situations should be created in the classroom to help students further understand and flexibly use the basic knowledge points.

3. Significance of offline online and offline integration in MOOC context

3.1 Conducive to creating a good classroom atmosphere

In the process of online and offline dual classroom application, teachers need to take the platform as the basis and use the teaching resources in the platform as the guidance to effectively enhance the dialogue and communication between teachers and students in the classroom. The traditional teaching mode is mainly dominated by teachers. Teachers analyze the information related to professional knowledge without really considering the real learning needs of students. The rigid classroom teaching method leads to a relatively dull atmosphere and the students' learning enthusiasm is obviously insufficient.

3.2 Improving teaching effectiveness

Professional knowledge in colleges and universities is quite difficult for us. The current situation of living in polarization in the teaching process is very serious, but learners with good grasp of depth can often integrate and run through, while learners with poor grasp of depth are often ignorant. The reason is to grasp the knowledge points. While understanding the scientific knowledge, we must also contact other knowledge points in order to better grasp the scientific knowledge. The more concise content in MOOC not only determines the teaching objectives for the science curriculum, but also explains the knowledge points not involved in the professional curriculum, so as to enrich the knowledge of learners.

3.3 Enriching teaching resources

In the context of MOOC, its platform can be fully utilized. MOOC platform has a large number of curriculum resources to ensure that students can learn more about professional knowledge. Students can independently query learning resources and view resources according to their own needs, so as to enrich their own knowledge and realize personalized development at the same time. In addition, teachers can also get more teaching resources in the platform. They have rich resources for courseware resources, exercises, skill training and so on, so as to ensure comprehensive teaching for students. The platform also has the function of evaluation and feedback. Students can use the MOOC learning platform to give feedback on knowledge learning.

4. Implementation of MOOC's online and offline mixed teaching mode

4.1 Pre-class preview

In MOOC teaching, online and offline teaching can be realized. Online + offline mixed teaching requires teachers to conduct scientific and reasonable organization and practice in combination with the characteristics of the course, so as to connect online and offline. In this way, the organizational practice of teaching according to class is the most time-consuming and the most important link to assess teachers' intelligence, which is where the essence of this new model lies. After making full use of MOOC platform, teachers can conduct comprehensive teaching for students to ensure that students can not only understand the relevant professional knowledge, but also understand the development prospect of the major, in order to improve students' understanding of professional knowledge and improve the efficiency of professional teaching. The full use of MOOC platform solves the problems that students will encounter when they preview independently before class. Combined with the explained knowledge, the professional related knowledge is combined in the process of practice, so that the platform can only be used as a tool for students' professional learning, rather than the main course content. In the online and offline mixed teaching mode, students not only master professional theoretical knowledge, but also can skillfully use software to assist practice, and combine theory with practical operation to achieve teaching objectives.

4.2 Consolidation and improvement

Using the online and offline teaching mode in professional learning in colleges and universities, teachers give students a systematic practice theme according to the professor's practical knowledge, help students clarify their learning ideas, and connect all links of the learned practical knowledge, in order to find their own shortcomings and advantages, direction and goal of learning and practice. This not only helps students combine their learning knowledge and cultivate their practical ability, but also helps students quickly find their own deficiencies in learning and correct them in time. The wide application of online and offline teaching mixed mode in professional courses in colleges and universities makes it easier for students to master professional knowledge. The whole learning process will be easier by using the way students like. After class, teachers take videos by themselves, that is, the template when teachers teach is uploaded to the MOOC network platform to make it public to students in all classes. At the same time, teachers also upload course materials. In MOOC teaching, the deficiencies of students' drawing in class are explained for students' practice after class, make corresponding responses to students' questions on the discussion area of the network platform, and interact with teachers and students after class, to avoid repeated explanations of common problems. On the MOOC network platform, teachers can make the classroom process more vivid with the help of simple and easy-to-use teaching practice model; Students can also participate in teaching as needed at any time on each terminal equipment; Education managers can use the analysis method of big data to understand education trends and provide help for education reform.

4.3 Online and offline connection

MOOC includes two processes: online and offline. Long-term online MOOC learning will have a great impact on students' learning methods, learning habits and attention, which makes it difficult for students to smoothly transition to offline courses. Therefore, college professional teachers should take measures to effectively guide students back to offline courses. Teachers should first be aware of the differences and differences between online and offline teaching in the learning center line, summarize the difficulties faced by the connection between the two teaching levels, and find their own teaching rhythm in time, so as to quickly help students get rid of online MOOC learning. Moreover, teachers themselves should have correct teaching concepts. In order to catch up with class hours, they should not seriously ignore the students' knowledge mastery, and fundamentally put an end to the phenomenon of "one size fits all". In offline course learning, teachers should encourage students to self-assessment and diagnosis, find out their own loopholes in MOOC learning, and help them quickly keep up with the progress, which can not only reduce teachers' teaching tasks, but also enable students to study hierarchically, systematically and gradiently.

5. Conclusion

Under the background of the new era, teachers integrate modern teaching forms such as audio and image through MOOC to interpret and enrich the whole course, so that learners can fully understand the basic contents of professional knowledge in such a pleasant atmosphere. The course of professional knowledge is quite targeted, and due to the wide scope of the course, the relevant MOOC is applied to practical teaching, and the advantages of resources are integrated to carry out more specific teaching work, which can enrich classroom teaching while broadening teachers' horizons.

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