

Research on the Teaching Problems of Network Courses in Colleges and Its Solutions

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Abstract: Since the implementation of the “University Teaching Quality and Teaching Reform Project”, the construction of network courses in colleges has developed rapidly, accelerating the progress of education informatization. Aiming at the main problems of college online courses, such as low frequency of course update, single expression of course learning content, insufficient course learning resources, lack of learning activity design, and lack of effective interaction between teachers and students, corresponding solutions are proposed.

1. Introduction

When colleges develop online teaching, they will actively use network technology to improve teaching quality. The advantage of online teaching in colleges is that students will not be restricted by time and space when learning, they can learn anytime and anywhere, and they can also check for deficiencies and make up for omissions. At the same time, online teaching enhances the relationship between teachers and students. Teachers can know the progress and problems of students at any time, and take effective countermeasures to improve them. Despite this, many problems have been exposed in online teaching in colleges, such as insufficient resources, imperfect teaching facilities, and the quality of teachers to be further improved, which will affect the effect of online teaching. Teachers must constantly change their thinking and concepts, and colleges must also optimize online teaching in order to improve the current situation of online teaching so that it can better serve students.

2. Basic Theories of College Online Courses

Online courses mainly refer to a form of courses conducted in a network environment. Online courses can ensure that students actively participate in learning, form a good sense of autonomous learning, continue to explore knowledge, and master knowledge in a subtle way. There is a clear definition of network courses in the “Technical Specifications for the Construction of Modern Distance Education Resources”. Network courses refer to the sum of the teaching content and teaching activities of a certain subject expressed through the network. It is determined by certain teaching goals and teaching strategies. The organized teaching content and the network teaching support environment are composed of two parts. The network teaching support environment includes software tools that support network teaching, learning resources, and various teaching activities implemented under the network teaching support platform. Because online courses have their own characteristics, online courses can be divided into online education online courses and college online courses. College online courses are one of the main contents of college courses. The difference between this course and traditional courses is that online courses are online courses, and teachers need to interact and communicate with students through online course teaching. Students can learn through online courses at any time, and they can also supplement their knowledge for further mastery of knowledge. Online courses have good interactivity and openness, which can stimulate students' subjective initiative and enable students to better participate in learning. Multimedia technology in online courses can provide students with various teaching contents and resources, and stimulate students' interest. Colleges should make full use of online courses to improve teaching efficiency and quality, and make the relationship between teachers and students

closer. Whether it is a teacher or a student, it is necessary to clarify the teaching theme, and then discuss it based on this theme. Teachers can ask questions, students can also ask doubts. In the process of mutual communication, a spark of wisdom can be generated, so that students can smoothly master knowledge and achieve ideal teaching results.

3. The Status Quo of Online Courses in Colleges

After years of planning and investment, the construction of online courses in colleges has developed rapidly. The system has gradually improved from school-level qualified courses, school-level quality courses, provincial-level quality courses to national-level quality courses. With the popularization and application of online courses in colleges, it has greatly promoted the construction and cultivation of college curriculum teaching teams, effectively promoted the modernization of teaching methods and the networking of high-quality teaching resources, and effectively improved the teaching of Chinese colleges based on information technology. The awareness and ability of activities. However, in the construction and application of online courses in colleges, there are phenomena such as “emphasis on construction and neglect maintenance”, and “emphasis on application and application”, and the situation is not optimistic. Take a university’s 1101 online courses as a sample, including 32 provincial-level quality courses (including 7 provincial-level quality courses), 86 school-level quality courses (including 64 school-level quality courses), and school-level qualified courses 983 courses are analyzed and researched on the status quo of their construction and teaching application. The results show that: Most online courses are one-time construction. Once they pass the review and acceptance, they will not be effectively maintained and updated. Judging from the analyzed samples, almost all online courses have never been maintained or updated for a long period of time. They are only updated for the purpose of applying for higher-level online courses. The content and structure of the vast majority of online courses are simple, especially school-level online courses, which are mere formalities. The main learning content of the course is filled with the design and production of rough PPT courseware, and there are big defects in teaching design, color matching, layout design and so on. After the completion of most online courses, they have not been effectively used in teaching. They are only used as an electronic “furnishing” for statistical data of relevant departments.

4. Problems in Online Courses in Colleges

The biggest problem in college online courses is that the purpose of use is not clear, and the role of traditional teaching is ignored when using it. Although online teaching has certain advantages, many people look at this problem blindly, thinking that online teaching can completely replace traditional teaching. In teaching, it is necessary to attach great importance to the student's dominant position. In order to improve the quality of teaching, teachers must constantly communicate with students and understand their ideas. At present, the teaching in colleges still needs to be based on traditional teaching mode. When teachers face-to-face with students, it is easier to understand students' questions and deficiencies in learning. If the use of online teaching is unreasonable, or over-reliance on this teaching mode, it will have a counterproductive effect. Therefore, we must make reasonable use of online teaching, attach importance to traditional teaching, and ensure the organic combination of the two.

Respect excellent courses. The main reason why online teaching is sought after by students and teachers is that it makes teaching separate from the traditional classroom and makes students and teachers more free. At present, online courses have become a major learning method faced by many students. There are many excellent courses in the online courses, and students can study in accordance with the actual situation. However, some teachers and students trust high-quality courses or believe that this course can completely replace traditional teaching. This will lead to more and more students pursuing high-quality courses, but more and more ignore the role of traditional education. At the same time, the teaching conditions of some colleges cannot meet the demand for production and promotion of high-quality courses. Therefore, it is necessary to treat the

problem of high-quality courses rationally.

Traditional teaching is out of touch with online teaching. Due to the increasing popularity of online teaching, many schools and teachers focus on the production of online courses, using a variety of technologies to strive for more exquisite courseware and more beautiful videos, but they ignore the actual teaching effect. In terms of teaching, the gap between traditional teaching and online teaching in colleges is getting wider, and they are out of touch with each other. They cannot fully absorb the advantages of the two, making the teaching mode relatively simple. When colleges develop online teaching, they need to actively absorb the essence of traditional teaching, realize the full integration of the two, and effectively improve teaching efficiency.

5. Improving Countermeasures for the Problems of Network Courses in Colleges

As the scope of online teaching expands, colleges and teachers should actively change their thinking and update their concepts. While fully cognizing the role of online teaching, they should rationally treat this teaching model, continuously improve teaching ideas, and teach in the correct way. Teachers should be fully aware of the students' dominant position, give students the initiative to learn in teaching, and create an open, harmonious and relaxed teaching atmosphere. Students should realize the importance of online teaching and be able to follow the pace of the course to learn. It is necessary to create a perfect learning environment for students, so that students can smoothly learn through online courses and master knowledge. Teachers should be good at combining offline teaching with online teaching. For example, in classroom teaching, teachers can use multimedia technology to assist teaching and present knowledge to students. Multimedia technology can create a variety of teaching content forms, leaving a deep impression on students. Teachers can choose the corresponding case, then make it into a video, guide students to watch, and then analyze the case, so that students can master the knowledge proficiently.

Improve the quality of teachers. In order to improve the level of online teaching in colleges, it is necessary to select highly qualified teachers to undertake the work of online teaching. Colleges should set up a special network teaching management organization, through this organization to carry out training for the majority of teachers, improve the comprehensive quality of teachers. In training, in addition to ensuring that teachers have solid professional knowledge, they must also improve their network application technology so that teachers can understand the advantages of multimedia teaching and use them flexibly. Cultivate teachers to have the awareness of combining online teaching and offline teaching, so that the training effect can be further improved. After professional training, teachers should make full use of social software to communicate with students and understand students' ideas, so that online teaching can be carried out to ensure that teaching is more targeted.

Actively improve network resources. In online teaching, it is necessary to have complete teaching resources as a guarantee, so as to meet the learning needs of students. Because there are so many resources on the Internet, it is easy for students to find the focus of learning, which will affect the improvement of learning efficiency. Colleges should take this into consideration and optimize online teaching resources to ensure the overall quality of online teaching. Dynamic design can be used to ensure the organic combination of network resources and teaching, improve the pertinence of network resources, and stimulate students' autonomous learning consciousness.

6. Conclusion

Colleges must be aware of the necessity of this teaching when developing online teaching, and combine online teaching with traditional teaching to bring students a diversified learning experience, so that students can make full use of their time and improve their learning effects. The existing online education resources should be optimized, and the courses should be updated and synchronized in time to enable students to gain more knowledge. It is necessary to always put students in the main position of teaching and give full play to their subjective initiative, so that teaching can be better carried out, and students' interest in learning can be stimulated, so that

students can gain more knowledge in online teaching, and effectively improve online teaching effect.

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