Construction of Off-line and Off-line Mixed Gold Courses under the Background of Epidemic Situation

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Abstract

Mankind is on the eve of a new round of educational revolution. Internet education will gradually replace traditional classroom education, and the whole educational ecology will be reshaped. In the context of the epidemic, online and offline mixed teaching has become the first choice for colleges and universities across the country. However, generally speaking, Chinese schools still focus on traditional educational thinking. The construction level of online and offline mixed golden courses is insufficient, the construction level of online resources needs to be improved, the integration of professional courses and platforms is poor, and the degree of educational intelligence is low. Therefore, according to the current situation of the construction of online and offline mixed gold courses in China, this paper puts forward the innovative strategy of the construction of online and offline mixed gold courses.

Keywords

Epidemic Situation; Online and Offline Mixing; Golden Class.

1. Introduction

Internet technology is one of the biggest breakthroughs in the history of human society. It has fundamentally changed the way of information circulation in human society, and the way of knowledge transfer has also changed. Network education, network learning and virtual learning community reconstruct the learning mode of human society and play a fundamental role in education. The epidemic has not only brought severe challenges to traditional education, but also provided an opportunity for the combination of online and offline education. Although the victory of the epidemic is at hand, we must see that in the future, online and offline mixed gold courses will become an important direction of educational reform, and how to create gold courses and eliminate water courses is a key research topic.

2. Construction Value of Off-line and Off-line Mixed Gold Courses under the Background of Epidemic Situation

(1) The epidemic has exposed the disadvantages of traditional education

Prussian traditional classroom education model can cultivate students' discipline, improve students' attention and create strong teaching pressure. However, this teaching model has shown obvious lag in the Internet era. Even simple theoretical teaching can not teach students according to their aptitude because of the difference of students' understanding ability. For the new engineering and other teaching concepts, the traditional classroom model allows students to accept passively and let students fall into the shackles of exam oriented education. It does not help to improve their practical ability, practical ability and innovation ability, nor can it

achieve the unity of knowledge and practice and the combination of learning and thinking. Under the new situation, it gives new enlightenment to the educational circles. In the future, education may break the restrictions of time and space, put more emphasis on teaching efficiency, and even develop into a curriculum model dominated by online teaching and supplemented by offline practice.

(2) The epidemic provides an opportunity for online and offline mixed education

Under the influence of the epidemic, colleges and universities across the country should adopt online teaching methods in a short time. Through this period of time, we can test the shortcomings of online education. Especially for colleges and universities, we can test the problems existing in the construction of golden courses in the past, and study how to improve information education, scientific and technological knowledge and teaching resource sharing, how to innovate teaching methods, let students concentrate, improve teaching content, achieve good classroom evaluation, how to eliminate low-level and outdated courses, and how to make teachers pay more attention. During this period of time, the online education golden courses in Colleges and universities can achieve some breakthroughs, the relevant high-level professional courses can be implemented, and the education model can be transformed. All teachers should actively adapt to this model, create high-level classes, dialogue classes and open classes for students, and improve learning output.

(3) The new situation has brought opportunities to educational reform

Through online and offline mixed education, it is conducive to improve students' autonomous learning ability and self-management ability, change the disadvantages of traditional teaching centered on teachers, and promote students' dominant position. From passive learning to active learning. For example, students majoring in English are asked to follow the software to make standard pronunciation during the construction of the golden class. For example, the word "distinct" is pronounced by the students themselves. After the software tests that the pronunciation meets the standard, they are evaluated and divided correctly from the dimensions of pronunciation, rhythm, fluency and accuracy. Students can also find the learning materials they are interested in on the system, continue to practice, change the traditional fixed dialogue program, and promote human-computer interaction.

3. Current Difficulties Faced by Online and Offline Mixed Gold Teaching

(1) Difficulties faced by online teaching

First of all, online teaching platforms and tools can not meet the needs of gold course construction. Many students are not equipped with broadband at home and need mobile phones for classes. However, the mobile phone screen is small, the signal bandwidth is limited, the operation interface is not ideal, and online learning is inconvenient. Secondly, fragmented learning time makes students unable to carry out systematic learning, and the connection between students and teachers is affected by time. Although the classroom time is relatively concentrated, due to the lack of interest in active learning and the lack of learning motivation, the consciousness is poor. At present, the software can not effectively supervise and manage students, so the learning effect is poor.

(2) Difficulties faced by offline Teaching

The integration of offline teaching and online teaching is poor, teachers still stay in traditional thinking, and the exam oriented education mode has a serious impact. Higher education is still based on traditional theory teaching and high-quality golden courses of examination, so it is necessary to upgrade the traditional face-to-face courses. At present, it still needs a transitional stage.

(3) Lack of teaching conditions

In terms of teachers, they are also used to the traditional teaching mode and lack the experience of online teaching and teaching design ability. Many teachers simply copy the offline courses into the class, and the pre class preparation and after-class evaluation are relatively insufficient. Simply moving the book photos to the electronic version can not meet the needs of gold teaching. The practical ability of offline teaching is poor, mainly theoretical teaching, and the interaction between teachers and students is poor. The training base in the school is insufficient, and the training links of students are not in place. It will take a long time to establish a training environment matching online teaching. Online teaching resources are insufficient, the degree of sharing is poor, and the platform resources are not fully shared. Many repetitive, demonstrative and confirmatory teaching contents still rely on Teachers' manual teaching, and there is still a certain gap in the cultivation of students' professional ability.

4. Innovative Strategies for the Construction of Offline Online and Offline Mixed Gold Courses under the Background of Epidemic Situation

(1) Promote the innovation of teaching mode

In the allocation of teaching time, we can refer to the model of flipped classroom and let students learn theoretical knowledge online according to their acceptance ability. We should fundamentally change the past full classroom teaching mode, especially for the problem of College Students' inattention, change the past teaching mode of concentrated teaching and "one speech hall" of teachers, and increase the proportion of design practice and split classroom. In terms of teaching methods, offline teaching mode also changes the traditional teaching methods in the past, and allows students to participate in practice according to different majors of students. Pre class preview, concept understanding, theory mastery, independent practice, after-class review and other teaching can be transferred to the online. Teachers manage students through PC to continuously improve students' autonomy. In the way of assessment and evaluation, the system is used to automatically detect students' answers, reduce the burden of teachers' review, and liberate teachers to do more creative work and study, Students should grasp the key points and difficulties and make continuous improvement.

(2) Create a good teaching environment

Continue to give full play to the advantages of offline teaching, integrate a variety of teaching environments, mix a variety of teaching modes, and innovate new teaching methods. Strengthen the teaching quality of gold course, master the teaching progress of each student according to the syllabus, and carry out teaching with students as the center and targeted. In teaching, we should use a variety of teaching tools, take students as the main body and teachers as the guidance to achieve teaching objectives. For example, in offline teaching, laboratory and studio teaching modes should be introduced in the future to replace traditional classroom teaching and build a simulation environment. We should strengthen the training of teachers, establish an online and offline mixed golden course evaluation mechanism, and promote teachers' investment, so as to improve the classroom quality, create high-quality golden courses, increase teachers' sense of achievement and accelerate the transformation of golden course teaching achievements. Colleges and universities should promote the construction of virtual simulation golden course and social practice golden course, and strengthen the policy guarantee, organization guarantee, mechanism guarantee and evaluation guarantee of golden course, And financial guarantee to strengthen the harvest of students.

(3) Building high-quality courses

Build high-level courses, fully reflect the depth of courses, promote the development of learning mode to intelligence, achieve one person, create a layered teaching mode according to the individual differences of students, dynamically adjust the knowledge points and paths in

combination with the real-time situation, promote the accuracy and humanization of voice and image recognition, and realize vertical differentiation. The construction of gold course should realize the leap from low-level to high-level, quantitative change to qualitative change, and pay attention to students' ability training and quality cultivation. Curriculum construction should focus on cultivating students' practical ability, professional skills and innovative spirit. Schools should try to promote the construction of high-stage curriculum step by step to exercise students' high-level ability. Efforts should be made to increase the depth of courses, such as computer courses, introduce more cutting-edge courses, introduce the latest teaching methods such as AI technology into online teaching, improve teaching efficiency, create high-quality courses, build first-class disciplines and compile characteristic school-based teaching materials in offline teaching. Use the open platform, introduce micro courses, Mu courses and other resources, make full use of high-quality teaching resources, and carry out reasonable and scientific curriculum development.

Create innovative courses, rely on the advantages of the Internet, improve traditional blackboard writing methods and improve classroom efficiency. For example, in the past, teachers used to show structural drawings to students in the simple form of blackboard writing, but in the online and offline mixed education mode, teachers can directly call out structural drawings such as CAD through the system to enable students to learn intuitively and understand deeply. For the theories of some abstract disciplines, such as physics, chemistry and other disciplines, VR and other technologies can also be introduced to let students wear devices and feel the teaching content. This teaching innovation is particularly significant in medicine. Students can directly see the state of human organs on the online screen, and even use VR technology to simulate their own operation process, accurately find the wound and increase the opportunity of practice. After many times of practice on the line, you can go offline for practice, which improves the efficiency of practice and reduces the waste of training.

Create challenging courses, increase the intention of the courses, introduce advanced teaching modes such as artificial intelligence, and create a challenging teaching ecological environment. Provide students with convenient learning methods, personalized teaching services and accurate and professional learning contents, introduce smart classroom into hybrid teaching, deepen the intelligent terminal into the core link of teaching, and deepen education from the level of knowledge dissemination to the level of practical skill improvement. The golden course construction should enter the open stage, let AI replace teachers as communicators, do repetitive work, let students constantly challenge themselves in human-computer interaction and improve their practical application ability. For example, in law majors, artificial intelligence can be used to apply Ross and other software to let students practice document recording, legal retrieval, document classification and other exercises, so as to create challenging and diversified teaching scenes.

Building golden courses is the latest spirit of the Ministry of education. The great war will soon win, which also provides an opportunity for China's education reform in the future. To create a high-quality hybrid gold course, we should actively innovate the teaching mode, compile high-quality teaching materials, rely on advanced educational platforms and tools, promote the innovation of curriculum standards, curriculum design and mode, and realize the purpose of imparting knowledge, cultivating ability and leading value.

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