Pisco Med Publishing

Original Research Article

Research on Online Teaching Practice of Smart Vocational Education Cloud Class in Higher Vocational Education

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Abstract: With the continuous development of modern information and the integration of internet technology into all walks of life,the integration of information-based classroom teaching technology into the actual teaching has become the focus of current research in higher vocational colleges.Smart cloud classroom online teaching in vocational education is a new teaching mode derived from the Internet environment.During the epidemic period,a series of information-based teaching technologies,such as online teaching and"classroom in the air",provided strong support for the"suspension of classes and non-stop learning"of teaching work.In view of the in-depth research and discussion on the practical content of online teaching in higher vocational smart cloud classroom,this paper hopes to provide reference for future information teaching.

Keywords: Cloud classroom of smart vocational education in higher vocational education; Online teaching; Practical research

Introduction

The teaching method of combining education and teaching mode with informatization is an important content being studied in the current teaching classroom to keep pace with the development of informatization technology and Internet technology.The focus of teachers'research is how to use reasonable and scientific information means to complete the effective integration with the teaching content so as to serve the daily education and teaching.

1. The significance of the smart cloud classroom

The classroom teaching of smart cloud classroom in vocational education consists of three teaching parts:pre-class teaching,in-class teaching and after-class.Before class,teachers can preview online teaching content in advance by publishing tasks on the cloud platform,so that students can successfully complete the pre-class homework assigned by teachers through clients such as mobile phones or tablets;However,at the beginning of class,teachers can use the sign-in function in the cloud class platform of vocational education to let students enter the online class in advance and sign in in real time.The check-in time can be arbitrarily set within 2-3 minutes before class begins.If you miss the time,you cannot sign in online,and the teacher can regard the students as late.And the system will also automatically generate a list of check-in personnel.According to the check-in information displayed in the list,teachers can easily know which students did not enter the online classroom on time.Therefore,although teachers can't see which students are late like in school,the smart vocational education cloud classroom can manage students'daily learning time.The system enables students to enter online teaching and learning on time within the time specified by the teacher,which not only ensures the teacher's supervision over the whole classroom,but also reflects students'initiative in learning,thus effectively promoting the effective integration of online education content and information technology.

2. The online teaching practice strategy of intelligent vocational education cloud classroom in higher vocational education

2.1 Leading the class to achieve autonomous learning

The"cloud classroom"mentioned here is a learning software in a mobile phone or tablet,such as enterprise WeChat,nail software or Tencent conference,etc.Students can complete the learning of classroom teaching content anytime and anywhere through the APP of smart vocational education.For example,for freshmen in higher vocational colleges,the teacher embodies the online teaching method as a teaching method combining"cloud classroom with enterprise WeChat"to ensure the teaching quality of students'online classes;In order to improve students'learning initiative and enthusiasm,teachers can release classroom teaching goal design to higher vocational students in advance through the Smart Vocational Cloud Classroom,so that higher vocational students can fully understand the teaching content of this class.

For example,in order for students to design corresponding preview tasks in the form of preview in advance,so that students can develop a good habit of thinking independently,teachers can upload the teaching resources needed in this class to the teaching platform in advance,such as videos,pictures,PPT designed by teachers according to classroom teaching contents,etc.And in order

doi: 10.18282/l-e.v10i8.3135

to test the effect of students'preview,teachers will put forward corresponding questions for students to answer according to the assigned classroom preview tasks during teaching.As first-year students in higher vocational colleges,most of them are only children in their families.They are the apple of their parents'eyes at home,so their self-management ability is relatively weak;They are full of expectations for the online teaching in the current school,because this generation of students are all children living in the information age.They are very intelligent and like to accept new things.Because of this information-based classroom,vocational college students can not only achieve the purpose of online learning by using the cloud classroom of intelligent vocational education,but also broaden their learning horizons,and the online teaching content of cloud classroom of intelligent vocational education can effectively stimulate students'learning initiative.

2.2 A variety of incentive forms in class to improve learning efficiency

In the process of using the smart cloud classroom in vocational education,teachers can effectively use the relevant functions in the cloud classroom system in the online teaching process in order to better mobilize the classroom atmosphere of higher vocational students and truly reflect the teaching advantages of the information-based classroom.According to the specific situation of students'online learning,teachers can use various incentives in the classroom to motivate students'learning consciousness.The supervisory role of higher vocational students can only rely on the incentive method in the online teaching process to attract students'interest in learning,because higher vocational students'self-restraint ability is limited,and teachers can't communicate with students face to face about learning.

For example,in the process of online teaching,teachers can make full use of relevant functions in the smart teaching cloud class to motivate higher vocational students'learning initiative.In online teaching,teachers can set up various forms of discussion activities so that each student can have the opportunity to express their cognition of relevant knowledge points through online classes.Then the teacher will evaluate the content according to each student's published situation.For those who have a good grasp of the knowledge points,the teacher will praise the students through the online teaching platform and reduce the burden for homework.In the face of such favorable conditions,higher vocational students can improve their learning efficiency by listening carefully in online learning,so as to exert their maximum ability in the classroom discussion.In the process of classroom teaching,the teacher keeps changing his head portrait to narrow the distance with the students.Because the cloud platform is very powerful,teachers can change into cute cartoon heads to attract students'attention in online teaching,which makes students have the kind of online class as interesting as watching cartoon cartoons.Students can also express their appreciation for the teacher's teaching content in class.The system has realized the real-time interaction with the teachers in the online teaching process to achieve the purpose of the effectiveness of online classroom teaching.In correcting homework after class,the teacher can set a fixed time period for handing in the homework and require the students to finish the homework within the specified time period.In addition,for the outstanding students who have completed their homework,the teachers can also send them to the relevant study groups for demonstration,which will set a good example for the higher vocational students to learn,motivate the students to catch up with each other and change the passive study state into the active study state.Therefore,through the effective integration of incentive systems or incentives in online classes,not only can students'learning enthusiasm and initiative be mobilized,but also the learning efficiency is greatly improved.

3. Summary

To sum up,higher vocational students to carry out smart cloud classroom online teaching in vocational education is not only to adapt to the requirements of modern teaching methods,but also shows that China's higher vocational education classroom has achieved information-based classroom.In the online classroom teaching of smart vocational education in higher vocational colleges,teachers can achieve students'autonomous learning through class leader learning,and improve learning efficiency through various forms of incentives in class.Therefore,in the process of using cloud classroom online teaching,teachers should constantly develop high-quality learning resources of online teaching to fully mobilize students'learning enthusiasm,so that students can continuously adapt to the teaching mode of online learning in future learning.

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