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The Combination of Computer Multimedia Technology and College English Teaching

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Abstract: College English is very important for college students, it is an compulsory course for them. If teachers are still based on the traditional teaching methods, and do not effectively apply new technology to promote the innovation and reform of college English teaching, it will lead to low efficiency of college English teaching. What is worse, it will affect the quality of English teaching. In this case, college English teachers need to master the main application characteristics of multimedia technology and the effective method to combine college English and computer multimedia technology. Our teachers should try our best to give full play to the advantages of computer multimedia technology during college English teaching. In this process, it is necessary to study and analyze the existing problems and deficiencies of college English teaching, and understand the specific development of computer multimedia technology. Only in this way can we take effective measures to promote the combination of computer multimedia technology and college English teaching, and improve the level of college English teaching.

1. Introduction

Nowadays, science and technology are developing rapidly, the application of new technology in the education industry is contribute to improving the teaching efficiency and teaching level. Among them, the computer multimedia technology is a new technology used widely in the current education industry. In college English teaching, if teachers can effectively use computer multimedia technology, the deficiencies and problems of the traditional college English teaching can be improved to a certain extent. What is more, it will make full use of the advantages of computer multimedia technology, such as interactivity, expansion and diversity. As a result, it will promote the reform and innovation of college English teaching, and improve the quality of college English teaching as a whole.

2. Advantages of multimedia application in college English teaching

Computer multimedia technology is used in college English teaching, which has very important advantages. It is mainly manifested in the following aspects:

First, it is more intuitive vividness. The full application of multimedia technology in college English teaching can innovate the traditional teaching methods and improve the informationization level of modern college English teaching. With the rapid development of science and information technology, the development of computer multimedia technology is becoming more and more perfect and mature, and the role of computer technology in college English teaching is becoming more and more prominent. By using computer multimedia technology in college English teaching, teachers can show students' English knowledge more vividly, for some difficult English knowledge, teachers can use video and image to demonstrate. By this method, the difficult English knowledge can be simplified, so



that the students can understand the English knowledge more intuitively and vividly. It can also alleviate the boredom of class and attract students' attention, which will stimulate students' learning initiative, and we can also enrich the teaching information of college English.

Secondly, in the process of computer multimedia technology application, the trend of Internet information diversification can be used to expand the content of college English teaching, so that students can acquire more English knowledge and information. The effective combination of online and offline learning modes can enable students to obtain the required English teaching resources by using computer information technology according to their own English level. And it can also provide students with personalized learning programs more in line with their own actual needs. At the same time, during the process of carrying out teaching activities, students can correct their own deficiencies and defects according to their self-acquired teaching resources, which can enrich students' knowledge reserve. In addition, the rhythm of computer multimedia teaching is much stronger, it can fully combine audio-visual and other senses, which will improve students' learning efficiency and promote students' overall development, in order to ensure the smooth progressing of further teaching.

Third, it has strong intelligence. Computer multimedia technology itself has relatively better informatization and intelligence, in the actual application process, its computer function is also relatively powerful. In college English teaching, man-machine conversation can be used to conduct special training for students. In the process of man-machine interaction, the pronunciation recognition system can be fully applied to obtain students' voice, recognize students' pronunciation, and transmit the results to students. In this way, students will know the problems existing in their oral training according to their own specific situation. In addition, the computer multimedia teaching in English editing also shows a relatively high intelligence. For example, in students' words training, it can make intelligent judgment according to the words input by students. If there is an error in the input of words, a messages can be sent to students to help the students memorize and understand English words.

Fourthly, it has good interaction. In the actual classroom teaching process, the use of multimedia computer technology can create a better teaching atmosphere for students. Especially in the man-machine conversation process, through audio or network connection mode to connect the teacher console, it can enhance the interaction between teachers and students, it can also carry out distance teaching, which break through the time and space limitations of traditional teaching. In this case, students can carry out more flexible learning and training according to their specific needs. And the use of continuous training can promote students' oral expression ability and enhance their learning confidence. In the teaching process, students' dominant position in teaching activities can be fully reflected, it will help students improve their English learning performance ^[1].

3. Current problems in college English teaching

Computer multimedia technology has an outstanding application advantage in college English teaching, but there are still some shortcomings and problems in practical application. First, teachers rely heavily on multimedia, ignoring the their own leading role in teaching activities. Multimedia technology can save teachers' time of writing on the blackboard and can improve the efficiency of the use of classroom time. However, many teachers rely heavily on multimedia in class, which leads to the degradation of teachers' basic professional skills. For example, some teachers can not effectively design blackboard writing, can not distinguish the key and difficult content. In the course of teaching, there is situation such as comprehensive but excessive teaching, teachers can not distinguish teaching priorities. Many of the teaching plans are printed directly from the computer, and handwritten lesson plans are few, which lead to the decrease of the amount of lesson preparation. There are now some teaching materials have a CD, some teachers use the CD of the textbook for teaching directly, and do not re-optimize and reorganize the teaching content on the base of the specific situation of students, which result in a relatively low efficiency of classroom teaching.

Second, multimedia courseware has too many contents, the result is that students can not distinguish between the difficult contents and the key contents of English learning, which affects the learning efficiency of students. Especially in English teaching, when students receive information,

there is a certain amount of receiving. But when using computer multimedia technology to teaching English, teachers hasn't made an effective division for the teaching content, so students have to comprehend the knowledge content according to the courseware provided by the teacher, which will causing students to receive knowledge of English greatly increase the amount of information. As a result, the amount of English knowledge students need to receive increases greatly, but if students can not fully understand these knowledge points, it will affect the students' learning efficiency, and to cause a decline in the students' learning confidence. If this goes on in the long run, students will resist English learning. Especially in the actual teaching, teachers use more videos and pictures, which will distract students' attention, and students will miss the key points when taking notes ^[2].

Third, in teaching process, there is less communication between teachers and students. To ensure the interaction and communication between teachers and students is an important measure to improve the quality of English teaching, but in practical teaching, teachers rarely communicate with students in class. Teachers can not understand the problems and confusions existing in students' actual learning, nor can they know whether students can follow their teaching ideas closely. In addition, when using computer multimedia technology, teachers will directly teach according to their own courseware that was made before class, which does not have the function to improve the teaching interest by teachers' language, intonation and body. Blackboard writing is relatively rare, while teachers mainly rely on computer operation, it results in a decreased affinity in classroom teaching. Students do not communicate effectively with teachers when they are in class, which can not mobilize students' learning motivation.

Fourthly, during the actual teaching process, some teachers' multimedia courseware production quality is relatively poor, which can not give full play to the application advantage of computer multimedia teaching. The effective application of multimedia courseware can improve the efficiency of classroom teaching and ensure the quality of classroom teaching to a certain extent. However, many teachers pay more attention to the production of courseware, they will use music, videos, pictures and so on to improve the fun of courseware, hoping to achieve the expected teaching effect. But, when there are many pictures, music, videos and other materials, it will distract students' attention and lead to students' inability to concentrate. But it is also helpful to help students understand what the teacher is talking about. Therefore, teachers need to optimize the courseware content. There are also some courseware which are shown too fast, it can not leave a deep impression to the students. The quality of these courseware itself is uneven, which will directly influence the effect of English classroom teaching.

Fifthly, when using computer multimedia to carry out the teaching activities of college English teaching, teachers will blindly increase the teaching content.

Some teachers will blindly add some teaching content in order to increase the depth of the lecture content when making courseware. Moreover, the teaching content is not reasonably optimized and integrated, which will result in the repetition of the teaching content and the textbook content. Some teachers simply want to show their own level, and will add some content that is unrelated to the textbook, they also expand the teaching capacity, all these will result in a large increase in teaching content, which will influence the teaching efficiency and teaching effect ^[3].

4. The combination of computer multimedia technology and college English teaching

4.1. Improve teachers' application level of computer multimedia technology

Strengthening the training of teachers and improving their computer multimedia application skills are the main measures to promote the effective combination of computer multimedia technology and college English teaching. In the process of college English teaching, many teachers have not made full use of the computer multimedia technology, mainly because of their backward teaching methods and teaching ideas and their lacking of understanding of the computer multimedia. Therefore, the various functions of computer multimedia can not be fully used, especially for some older teachers, they may have some difficulties in the learning of new technology. In order to promote the effective combination

of college English teaching and computer multimedia, it is necessary to attach importance to the training of computer multimedia skills for English teachers. In addition to let English teachers master the basic operations of a computer multimedia function, it is also important to help teachers to understand the other application function of the multimedia technology, promote the combination of online and offline teaching, encourage teachers to use computer multimedia technology actively in class, so as to improve the efficiency of college English teaching and the teaching quality.

4.2. Enrich the content of college English teaching

The application of computer multimedia technology can also promote the rich development of college English teaching content. Because English learning itself has a strong practicality, in addition to organize English teaching activities according to the syllabus, it is more important to continue to expand the content of English teaching, and to understand the social landscape and local conditions and practices of English-speaking countries. Only in this way can students' humanistic knowledge be effectively increased and their English literacy be improved. In this process, the teacher can use the computer multimedia technology and the corresponding network teaching resources, and can use videos, sounds, pictures and other ways to show students the rich and colorful local customs of English countries. It can stimulate students' vision, hearing and other senses, and then arouse the enthusiasm of students to learn English. However, attention should also be paid to the organic combination of extracurricular teaching resources and in-class teaching content, so that extracurricular and in-class teaching can complement each other. When preparing lessons, teachers should choose a good topic and make full use of computer multimedia technology to search for rich and varied information resources. After the completion of classroom teaching, students are assigned tasks to search the corresponding resource, so that students can use computer multimedia technology to study independently, search the corresponding English materials. Then let the students make a share in class in order to test the results of their self-study. It can not only achieve the purpose of enriching the teaching content, but it also can cultivate students' ability of independent learning and improve their learning efficiency^[4].

4.3. Innovate traditional teaching methods

In the application process of computer multimedia technology, the multimedia technology can be used to change the traditional teaching mode and improve the practicability of teaching methods. In the application process of multimedia information technology, it has the features such as better advanced, unique and efficient, and it can effectively change the traditional teaching mode, improve the teaching level, and save the teacher's time of lesson preparing, blackboard writing and copying. At the same time, multimedia technology should be applied to carry out effective listening and reading training. Multimedia technology can be used to simulate a variety of English teaching situations, arouse the enthusiasm and initiative of students, so that students can be integrated into English classroom learning, give full play to students' subjective initiative, improve the interest of classroom teaching. In addition, because the application of multimedia information technology is more flexible and convenient, it can explore more teaching modes for teachers. In actual teaching, teachers can make full use of flipping classroom, micro class and other advanced teaching modes, in order to adequately strengthen the interaction between students and communication, to respect the principal position of students in the teaching activities, to know the specific difficulties in learning English, students and guide students to solve problems, to cultivate students' autonomous learning ability, and to improve the students' innovation ability. This is of positive significance to ensure the learning effect of students and can greatly improve the level of English teaching^[5].

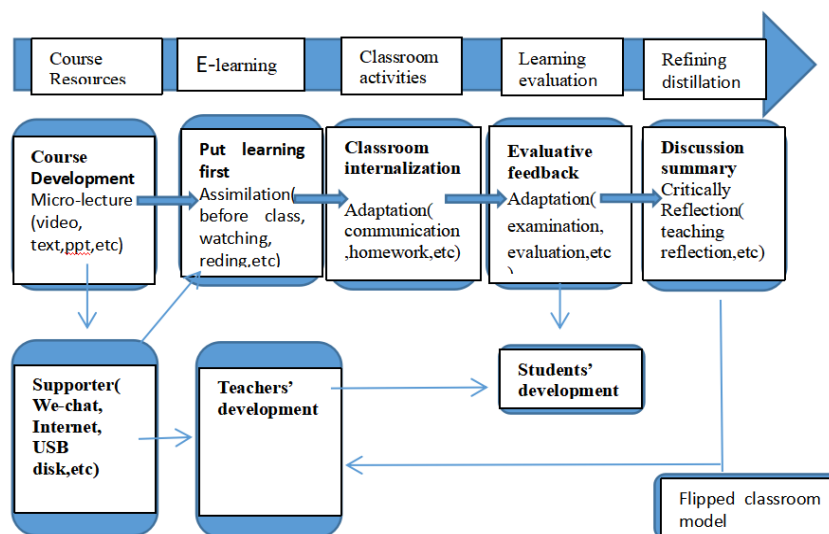


Figure 1 College English Flipped Classroom Model Based on Computer Multimedia Technology

4.4. Enhance students' understanding of computer multimedia technology

In college English teaching, in addition to improving teachers' computer multimedia skills, it is more important to make students have a correct understanding of computer multimedia. Students should start from their own, use spare time to learn English independently, which can really improve their English level. Because English itself is a relatively systematic language course, if only relying on English class, students can not effectively improve the English level. In English learning, students need to accumulate English learning experience by computer multimedia. Students can not only use it in the classroom, but can also make full use of it in their spare time, for instance, they can search related resources of English learning. When using computer multimedia technology to learn English knowledge after class, students can search some extended English knowledge according to the specific content they have learned. Students can also search the key and difficult problems in the classroom and find solutions to solve them. They can also consult teachers in class for problems existing in after-class learning, so as to improve the learning efficiency in class^[6].

4.5. Build an online English homework platform

In the process of promoting the effective integration of computer multimedia technology and college English teaching, it is necessary to build online homework platform with big data technology. This can give full play to the advantages of computer multimedia technology and online teaching. In practical application, teachers can use big data technology to build an English homework platform. Students can download the APP, teachers can complete the assignment of English homework, and students can log in the APP and answer the questions online. Moreover, the online homework platform can analyze and evaluate students' homework, and record students' answers. Teachers can check the students' answers by correcting their homework online. AI technology can also be used to scan and analyze students' wrong questions, and store students' error-prone questions in the wrong question bank to help students correct wrong questions. In addition, in the process of classifying and sorting out students' wrong questions, multimedia teaching courseware can be made according to the specific situation, and error-correcting teaching can be carried out offline according to most students' error-prone questions, so as to improve the utilization rate of classroom time. Teachers can use multimedia technology to show the knowledge points involved in the questions in the way of problem-solving, it can make students understand the reasons why they got it wrong and help students to reflect and correct. After the error correction teaching, teachers can also use the online resources to sort out the new exercises according to the specific situation of the students, and then publish the new exercises on the homework platform, the students can log on to the platform again to do exercise, which can help the

students to make up their own shortage. After completing another round of answers, the teacher can check and communicate with the students online to answer any questions from the students. It can improve students' English problem solving ability and English learning effect.

5. Conclusion

In a word, in order to improve and innovate college English teaching effectively according to the current situation of college English teaching, and to promote the organic combination of computer multimedia technology and college English teaching are important means to improve the efficiency and quality of college English teaching. But in the process of the application of computer multimedia technology, it is necessary to pay attention to the training of teachers' computer multimedia skills, and improve the ability of teachers to use computer multimedia technology. At the same time, we should let students face the positive function of computer multimedia technology in teaching correctly. According to the present situation of college English teaching, the effective combination of English teaching process and computer multimedia technology should be promoted. In addition, we should make full use of the advantages of information resources of computer multimedia technology, and promote the sharing of high-quality English teaching resources, so that students can learn together, strengthen the communication and exchange between teachers and students, and improve the efficiency of college English teaching to ensure the quality of teaching.

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