On the Application of Modern Educational Technology in College English Teaching

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Abstract: With the development of the times and the progress of society, China’s educational system is also being constantly and deeply reformed. The new curriculum reform puts forward new requirements and challenges for college English online teaching. In the 21st century, people have entered the information age, advanced science and technology have been applied to people’s lives and work. At the same time, modern educational technology is also playing a great role in education and teaching. Modern educational technology is also widely used in college English online teaching. The traditional teaching model has been changed, new requirements have also been put forward for college English online teaching, and a new direction of teaching reform has been pointed out. Therefore, in the background of the new era, and in the process of college English online teaching, teachers should reasonably make use of modern educational technology, effectively combine the two, actively change the way of thinking on traditional teaching, and continuously improve the efficiency of college English online teaching. Based on this, this article firstly analyzes the concept of modern educational technology, then analyzes the current situation of college English online teaching from two aspects, and finally analyzes the application strategies of modern educational technology in college English online teaching from three aspects.

Keywords: Modern Educational Technology; College English; Online Teaching; Applied Strategies

DOI: 10.47297/wspiedWSP2516-250018.20200409

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Funded Project: The 2019 Higher Education Reform Project of the Gansu Provincial Department of Education “Research on the Impact of New Technical Methods on the Effectiveness of College English Classroom Teaching in Local Undergraduate Colleges” (W201910).
1. Introduction

With the rapid development of science and technology in China, advanced science and technology have become an important part of people's daily lives. At the same time, they have greatly changed people's traditional lifestyles and provided more teaching methods for education and teaching. Under this background, people should actively adapt to the development of the times, use modern educational technology to reasonably infiltrate advanced scientific and technological elements into college English online teaching. Modern educational technology opens up a brand-new teaching method for college English online teaching, and at the same time it can provide teachers and students with a brand-new teaching experience, can effectively stimulate students' interest and enthusiasm for learning, and can also greatly promote teachers’ enthusiasm for teaching, which is of far-reaching significance to the efficiency of college English online teaching.

2. Conceptual Analysis of Modern Educational Technology

With the development of the times and the progress of society, people have gradually entered the era of modern education with rapid development of science and technology. Under the background of the new era, the term “modern educational technology” has emerged in response to the trend, which is mainly used by people to effectively combine science, technology and teaching, this teaching mode is not only an optimization and improvement of traditional teaching methods, but also a new modern teaching technology. Modern educational technology has changed the single and boring teaching mode of teachers under the traditional teaching mode, and effectively changed the traditional teaching thinking of teachers. It can provide students with more diversified and personalized teaching modes, and can also greatly promote the overall development of students. At the same time, modern education technology is in line with the current quality education concept implemented in our country and is an inevitable requirement of the development of the times. It can not only make reasonable use of modern advanced science and technology, but also provide a new direction of teaching reform for the education and teaching community. At the same time, modern educational technology is mainly student-centered. In the teaching process, it is necessary to focus on highlighting the main body status of students, focusing on cultivating the basic abilities of students in the teaching process, and laying a good foundation for the further study and development of students. With the help of modern information technology, it can greatly stimulate students’ interest and enthusiasm in learning, help cultivate students’ creative thinking, guide students to form their own unique learning habits, and have an important impact on the healthy development of students.
3. Analysis of the Status Quo of College English online Teaching

(1) Teachers fail to use modern educational technology reasonably

Affected by traditional teaching concepts, in the process of college English online teaching, some teachers have been teaching for many years and are older, although they have rich teaching experience, they cannot follow the trend of the times and fail to use modern educational technology and many advanced technologies reasonably. Teachers themselves cannot use and operate equipment proficiently, let alone command and guide students, which greatly reduces the efficiency of college English online teaching and is not conducive to the development of modern education technology in China. At the same time, because teachers have been using traditional teaching models for many years, they are unable to fully change their own way of teaching thinking when they first come into contact with modern education technology. As a result, modern education technology and traditional teaching models do not make a reasonable separation, and neither of them can be used normally in the teaching process, making students unable to study related courses normally, and greatly reducing the process of college English online teaching, which is not conducive to the development of students’ basic abilities, greatly dampens teachers’ enthusiasm for teaching, and is not conducive to the further promotion and development of teachers.

(2) Students have not established the correct concept of online learning

Under the influence of traditional teaching models, students are often accustomed to the traditional teaching methods. The application of modern educational technology in college English online teaching will cause students to have strong curiosity and often distract their attention in the classroom. This makes students pay too much attention to the equipment of modern educational technology in the teaching process. At the same time, due to the strong curiosity of the students, many students will not follow the guidance and requirements of the teacher and use the teaching equipment to study and explore independently. Students are out of the teacher’s teaching rhythm, unable to truly exert the significance of modern education technology, causing some students not to adapt to the current teaching mode, and will greatly reduce the efficiency of college English online teaching, which is not conducive to the overall development of students. Therefore, in the context of the new era, teachers should actively guide students to establish correct online teaching concepts, guide students to adapt to the new teaching model as soon as possible, and give full play to the role and advantages of modern educational technology to provide students with better learning and development.
4. Analysis of the Application Strategy of Modern Educational Technology in College English online Teaching

(1) Reasonable use of basic educational technology

In the process of college English online teaching, the three main modern education technologies, including speech recognition technology, audio-visual technology and IP multicast technology, are three basic education technologies, which are widely used in college English online teaching, and are the keys to online teaching.

1. Voice recognition technology. Speech recognition technology is a brand-new teaching equipment developed with the help of advanced technology. Through this equipment, students’ pronunciation can be effectively recorded, judged and analyzed. This technology can be effectively applied to words and sentences. In pronunciation practice, in the process of college English online teaching, teachers can reasonably use voice recognition technology to allow students to practice independently the pronunciation of words and the reading of English texts with the aid of teaching equipment, which can effectively improve students’ language expression ability, and at the same time, can effectively correct students’ mispronunciation of words, so that students can develop good English subject literacy, and lay a good foundation for further learning and exploration of English. At the same time, the application of speech recognition technology also avoids the negative impact on students due to the non-standard pronunciation or spoken language habits in the classroom, and can better lead students to develop good language expression habits, which is conducive to the overall development of students.\(^2\)

2. Audiovisual technology. College English online teaching is different from other subjects. During the teaching process, audio of some words and videos of the text content are often played. At the same time, in order to adjust to the classroom atmosphere, teachers will reasonably intersperse many materials related to the knowledge of textbooks in the classroom. Video, and audio-visual technology can greatly meet the classroom requirements of teachers. At the same time, under the background of the new era, audio-visual technology can better process and analyze audio and video, which greatly promotes the efficiency of college English online teaching classrooms. It also provides a superior audio-visual effect for teachers and students.

3. IP multicast technology. IP multicast technology is mainly used in the transmission of various data. Under the background of the new era, advanced science and technology have made IP multicast technology meet a higher requirement to teachers and students with a higher transmission speed, and make...
a better teaching experience in the English online teaching class, which enables students and teachers to cooperate and communicate better, and greatly promotes the efficiency of college English online teaching [3].

(2) Strengthening the supervision and management of students

Under the background of the new era, in the process of college English online teaching, due to the introduction of modern educational technology, many advanced teaching equipment as well as a large number of network technologies will be used in teaching. Students, with no comprehensive cognition and understanding of online teaching, often fail to establish correct online teaching, causing various problems in the process of learning. At the same time, many students will be negatively affected by the Internet. Therefore, in the context of the new curriculum reform, schools and teachers should strive to strengthen the supervision and management of students, form a complete supervision and management system, and take certain measures to effectively supervise college English online teaching. For example, the implementation of a monitoring system in the classroom, the implementation of supervision of college English online teaching in the classroom, and timely summary and feedback, positive guidance and education of students’ bad behavior, lead students to correct establishment of online teaching concepts, reasonable use of Online learning and exploration. At the same time, modern educational technology can be used to conduct related tests on students. In order to avoid the unfairness and impartiality of exams, teachers can use advanced science and technology to build a test paper library. During the online learning process, ensure that students can truly Master the basic teaching knowledge in order to improve their English ability in the process of college English online teaching, which is also of far-reaching significance for the overall development of students [4].

(3) Schools’ striving to strengthen the construction of advanced teaching equipment

Many advanced teaching equipment will be used in the process of college English online teaching. In order to apply modern education technology to the teaching process reasonably, schools need to work hard to strengthen the construction of advanced equipment of modern education technology. Schools should follow the college English online teaching plan to meet the needs of various advanced equipment used in the teaching process, a large amount of funds must be invested to further optimize and improve the school’s teaching system so that it can provide a more stable environment for the learning of teachers and students more quickly, which can not only effectively ensure the efficiency of college English online teaching, but also promote the development of modern education technology in China effectively, so that teachers and students can have the best classroom experience in college English online teaching, which is not only conducive to inspire students Learning initiative but can also greatly improve teachers’
enthusiasm for teaching, and make teaching tasks complete with maximum efficiency.[5]

5. Concluding Remarks

With the implementation of the concept of quality education in our country, the traditional teaching model can no longer meet the current teaching needs. Therefore, in the context of the new era, teachers should reasonably master and use modern educational technology, and actively guide students to establish a correct concept of online teaching, and teachers themselves should continuously improve their own comprehensive abilities, keep up with the development trend of the times, be able to skillfully operate and use advanced teaching equipment, and be able to answer difficult questions for students. At the same time, schools should also pay attention to the construction of advanced equipment related to modern education technology, and strive to provide a good learning environment for teachers and students, so that students can have a better learning experience. By doing this, not only can it effectively improve the efficiency of college English online teaching, but also it can greatly promote the development of modern educational technology in China.

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