

Construction of College English Demand Analysis Model Based on Digital Resource Platform

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Abstract: Today's digital age has opened a new stage of human history development. With the continuous popularization of the Internet, more and more digital resources are used in course teaching. The application of digital information technology and digital resources in college English translation teaching is becoming more and more important. Compared with traditional teaching resources, digital teaching resources have strong timeliness and flexibility, which can make college English translation teaching achieve twice the result with half the effort. Based on the current situation of digital resources development in China, this paper introduces the importance of digital educational resources in college English translation teaching from the basic concept of digital resource platform, expounds the related applications of digital resource platform in English classroom teaching, and discusses the application strategies of digital teaching resources in English translation teaching from three aspects: innovating the application mode of electronic courseware, skillfully using teaching videos and skillfully using English translation learning software. Finally, it is hoped that all college English teachers can recognize and understand the importance of digital information technology and digital resources, and make full use of digital resources in college English translation teaching to improve teaching efficiency.

1. Introduction

In the digital age, the Internet has become a database with a large amount of information, enriching teaching resources. At this stage, in order to meet the requirements of teaching development, most colleges and universities have carried out the development of subject teaching resource database, which has accelerated the construction process of digital campus. Digital information technology is an important part of education informatization construction. The original English translation teaching mainly focused on reciting word and grammar and English-Chinese translation training, with the goal of improving students' English translation test scores. The translation materials were mainly based on the content of teaching materials, resulting in the imbalance in the development of students' theoretical knowledge and practical ability of English translation. Therefore, the use of rich digital teaching resources can enliven English teaching, and make students have a strong interest in English learning, from passive learning to active learning [1]. College English translation learning practice requires real-time interaction and application of information. The construction of digital information technology in college English teaching

resources, such as audio-visual teaching and cloud classroom teaching, can provide good technical support for this.

With the deepening of college English teaching reform, the “student-centered” teaching concept has been further emphasized, and modern teaching methods have been pouring into the classroom. Classroom teaching has shown a development trend of digitalization, automation, networking and resourcefulness. Digital teaching resources are the important foundation of educational informationization. The application of digital teaching resources should be the development direction of college English teaching. The construction of digital teaching resource database has realized the innovation of teaching and teaching methods, optimized and reformed the traditional teaching structure, and made the practical significance of education and teaching activities more obvious in the process of actual development. This is also the focus and direction of China's education development research at this stage [2]. If English teachers can provide students with resources suitable for their learning in teaching, and use digital teaching resources to improve the timeliness, extension and practicality of translation teaching content, they will stimulate students' interest in using learning resources, and at the same time enable students to learn to use learning resources to improve the quality of learning. The utilization of digital teaching resources prompts teachers to use multimedia teaching equipment and online teaching platforms, which promotes the process of educational informatization.

2. Basic Concepts and Importance of Digital Resource Platform

2.1 Introduction to Digital Resource Platform

The network teaching platform takes course teaching as the core, including the platform homepage, teaching content, interactive question and answer, homework, online examination, performance management and other functional modules. After class, teachers use digital teaching resources to assign homework, which is convenient to test students' learning situation. The digital resource platform contains a large number of learning resources, learning data and learning materials, which are not only extensive but also refined, increasing students' comprehensible input and effectively promoting their second language acquisition ability. At the same time, there is also a special learning feedback module, so that students can make self-supervision in the learning process, and at the same time, they can understand their own learning through relevant tests [3].

Digital resource platform is characterized by small scale and privatization, which enables learners to freely arrange their offline learning time and enable students to have a clear understanding of their learning objectives. Teachers should use the on-line English teaching platform to obtain more English teaching materials. Teachers can not only use the database to understand other teachers' English translation teaching plans and learn from their teaching experience, but also use their English translation teaching plans and teaching experience Learning courseware can be uploaded to the database, and the resource database can be used for direct online communication and interaction. The digital resource platform makes use of its unique advantages to effectively ensure the teaching effect of College English flipped classroom. The digital resource platform improves teaching efficiency, enables teachers and students to focus on the key points of teaching, track students' learning progress, and know the learning situation of each student at any time. Obviously, the digital teaching resource platform complies with the call of current student-based teaching, enabling students to improve their own initiative. It should be pointed out that the digital resource platform is still in a relatively preliminary stage, and this new teaching platform has a lot to be optimized.

2.2 The Importance of Digital Educational Resources in College English Translation Teaching

Digital resource platform has great advantages for college English teaching. It can better optimize the current English teaching, improve the shortcomings of traditional teaching and help students improve their learning goals. Teaching resource database is a kind of shared resource warehouse, which is established according to certain technical standards and norms. It can serve students' learning, teachers' teaching and scientific research well, making these teaching-related activities more convenient [4]. Therefore, the methods and means of teachers' teaching and students' learning also need to be updated in time. It is an important task of college English teaching reform in colleges and universities to make use of the Internet and digital resources to improve the efficiency of students' English translation learning. For online teaching based on digital resource platforms, teachers need to record relevant short videos and insert corresponding learning tasks in the videos, so that students can think according to the video content. Students can use their spare time to log in to the digital resource platform, read relevant learning materials as required, and complete the supporting tests at the same time. For the relevant questions raised in the video, students can use the Internet or books to find the corresponding answers, so that students can make full use of the time after class for independent learning.

Teachers can carry out teaching in combination with the digital resource platform, monitor students' learning in real time, and answer students' doubts online. Teachers can communicate with students online and offline on relevant issues, so that students can feel the interest of learning. In case of confusion, they can interact with teachers online, communicate in time and solve problems. In this way, students can also feel the interest of learning. The teaching mode based on the digital resource platform has effectively assisted teaching. It enhances learners' understanding of teacher talk and promotes meaning negotiation between teachers and students [5]. In the teaching mode based on the digital resource platform, teachers can spend more time to comment and communicate better with learners. It is necessary to fully realize the importance of digital educational resources to the realization of English translation teaching goals, and to achieve the best application effect of the digital teaching resource platform by improving the comprehensive utilization of electronic courseware, teaching videos, learning software and on-campus teaching resource library. It lays the foundation for the common development of students and English translation education.

3. The Application of Digital Resource Platform in English Classroom Teaching

Under the background of digital teaching, with the rapid development of Internet E+ era, college English teachers can make better use of digital resources as a convenient means to better arrange and design college English translation teaching, so as to help cultivate students' interest in translation learning, improve college English translation teaching and enhance students' translation practice ability. Translation is a systematic science with its systematic knowledge and theoretical basis [6]. If the study of translation theory is neglected in translation study, blindness and confusion will occur in translation practice, which is not conducive to improving the effect of translation practice. To effectively improve students' translation ability, teachers must make students understand and master translation standards and theories in college English translation teaching. With the further reform and deepening of college English teaching mode, college English teaching has also changed to be dominated by students' autonomous learning and discussion. Learners become the center and subject of the classroom. In the process of English teaching, as far as college English teachers are concerned, they should create a learning environment suitable for students' development, effectively choose different teaching methods and strategies, pay more attention to students' learning behaviors in class, and pay attention to students' learning effects, so that students can develop their emotions, knowledge and skills. In short, how to effectively use digital resources

to correct students' language knowledge and give full play to their advantages in college English teaching is the key to teaching. Figure 1 is the path analysis model of the English teaching environment construction dimension and learning effect.

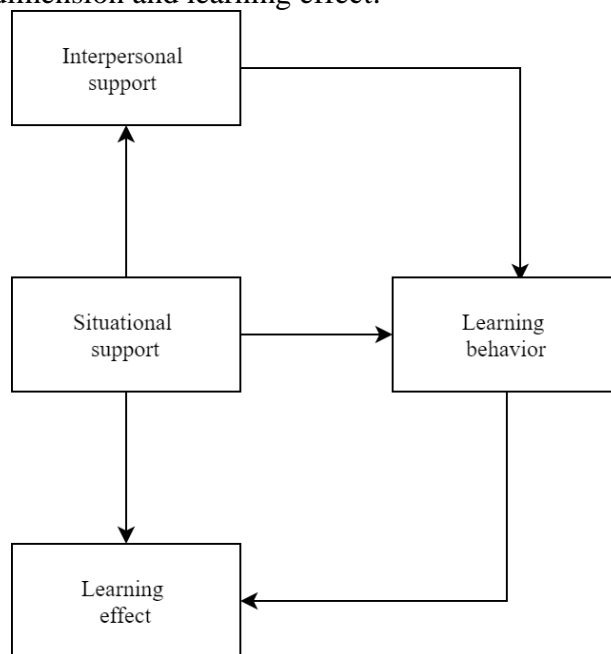


Fig.1 Path Analysis Model of English Teaching Environment

The digital resource platform is a multimedia language teaching environment and a teaching environment in which students, teachers and laboratory resources are organically combined. It includes hardware equipment such as teacher's computer, student's computer, display stand, interactive whiteboard, headset, recording and broadcasting system. Teachers can make full use of various digital resources, such as micro-classes, flipped classrooms, online learning platforms, etc., to extend the limited classroom teaching time infinitely, and fully allow students to receive translation knowledge inside and outside the classroom and carry out practice. Teachers can also use mobile phones and other recording devices to shoot their English translation teaching videos, and upload the edited videos to the online English platform in the school. Students can download and watch learning anytime and anywhere, which improves students' ability to review and consolidate the knowledge after class. In order to effectively apply digital teaching resources to college English translation teaching, it is necessary to constantly explore and study them. The digital resource platform can connect resources by connecting to the campus network. When invoking the resource library, it can be combined with the audio-visual and oral teaching requirements and the actual situation, providing students with diversified teaching methods such as multimedia teaching and situational mode teaching, and creating a good audio-visual and oral English learning atmosphere for students. Students' use of resources mainly focuses on expanding language knowledge and cultivating interest, supplemented by completing learning tasks [7]. It can make rational use of English digital teaching resources, create a learning environment suitable for students' development, effectively choose different teaching methods and strategies, so that students can develop their emotions, knowledge and skills, and avoid paying attention to the cultivation of students' innovative ability and ignoring the cultivation of students' basic literacy. Through the use of the Internet, the ability of each student to speak English, listen to English, and read English can be understood by the teacher, so that the teacher can better teach students according to their aptitude. Hence, various learning tasks can be better arranged, which can effectively cultivate students'

English listening and speaking ability.

4. Strategies for the Application of Digital Teaching Resources in English Translation Teaching

4.1 Innovative the Application Mode of Electronic Courseware

Teachers can list the difficulties, mistakes, and test points of English translation teaching content according to the content of the textbook, and determine its components on the basis of the overall framework of knowledge in this chapter, and use keywords to help students identify the knowledge that needs to be studied seriously. Teachers can actively learn the skills of making and applying electronic courseware, objectively and fairly evaluate its position and role in English translation teaching, change the content of active screening and adjust the style characteristics according to the teaching objectives and contents of English translation, and adhere to the basic principles of conciseness and clarity and clear context [8]. Teachers can also use multimedia courseware and laser page-turning pen to improve the teaching quality of intensive reading. The application of multimedia can make the classroom teaching capacity increase relatively. It integrates many kinds of information such as words, charts, images, sounds and animations, etc., comprehensively mobilizes students' senses and improves their reading interest. By effectively utilizing the flexible transformation functions of digital resources, such as speed, combination, split, dynamic and static, various problems in teaching can be made simpler, and it is easier to effectively break through the important and difficult points in teaching.

4.2 Skillfully Using Teaching Video

In the process of English learning, due to the lack of pure English language environment, listening training is essential. Listening training materials can be pure audio materials or video materials. English classroom teaching can be completed through audio and video software. Teachers have multiple identities when applying digital teaching resources. They are not only educators, researchers, but also collaborators and supervisors in the teaching process. Therefore, teachers should make full use of digital teaching resources to improve their teaching ability. They can take the initiative to watch different types of English original movies or TV dramas in their spare time, understand the core content and language characteristics of different movies and TV dramas, choose different styles of movies and TV dramas on the basis of students' English interests and English translation ability, and download them to computers and other devices by using download software, in preparation for the production of English translation teaching video [9]. Before playing the movie, the background knowledge and cultural background of the movie should be provided to the students to facilitate their understanding of the content. In addition, the teacher should ask some questions related to the movie for students to discuss after the movie clip is played, so that the students can intuitively feel the original content. After the authentic English video materials are presented, discussions are conducted according to the questions raised by the teachers, which activates the classroom atmosphere and achieves good teaching results.

4.3 Skillfully Using Translating Learning Software in English

In the process of English learning, vocabulary is the foundation, and it is very important to know and master vocabulary. Online dictionaries and dictionary translation software will be of great help to learn and master vocabulary and improve vocabulary, and they are also essential tools to improve vocabulary accumulation in the process of learning English. Teachers should take the initiative to

study English translation-related software, select platforms or software that are consistent with students' interests and English translation abilities from many WeChat public accounts, website platforms, and apps, and analyze the characteristics and shortcomings of different platforms or software with students. On the basis of helping students find suitable platforms or software, teachers should guide students to use these platform software for English translation knowledge learning and translation skills training [10]. Teachers should also encourage students to try different English translation learning software by recommending downloads or searching for downloads, which helps to meet the requirements of students to learn English translation knowledge and skills anytime, anywhere.

5. Conclusions

The era of globalization has come, so it is more important to learn English well. With the rapid development of network technology, the application of digital teaching resources in classroom teaching is becoming more and more common. Every college English teacher needs to recognize and understand the importance of digital information technology and digital resources, make full use of digital resources in college English translation teaching, keep pace with the times, and constantly improve himself by learning computing application technology, and use advanced teaching mode to guide their own teaching. The development technology of digital resources directly affects the quality of digital teaching resources development. Educational administrators and workers should always pay attention to the development trends of advanced teaching resources at home and abroad, and introduce powerful development software. Therefore, we should design the digital teaching resource base scientifically and reasonably, take the development of teachers and students as a foothold, improve the teaching methods of college English translation, cultivate and enhance students' interest in learning, and practically improve students' ability of translation and practical use of English, so as to provide a better English learning environment for students and improve the teaching effect of college English teaching.

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