

On the improvement of Higher Vocational Students' English learning efficiency from the perspective of mobile learning

Jiuhong Yin

Suzhou Vocational Institute of Industrial Technology Suzhou 215000, Jiangsu Province

Abstract: with the continuous development of science and technology, the development of mobile technology and mobile devices provides more possibilities for higher education and teaching, and has a far-reaching impact on English learning environment and learning methods in higher vocational colleges. As a new learning method, English learning based on mobile learning terminal can create good learning conditions for students, provide richer curriculum knowledge, effectively expand students' horizons, and meet the needs of teachers and students for multimodal teaching modes such as vision and hearing. Mobile learning is in line with the development trend of the times. The personalized function of mobile terminals can meet the learning needs of different students, mobilize students' learning enthusiasm, promote students to carry out multiple interactive and autonomous inquiry learning, and improve students' learning efficiency. Based on this, this paper analyzes the strategies of improving higher vocational students' English learning efficiency from the perspective of mobile learning, in order to provide reference for educators.

Key words: Mobile Learning horizon; Higher vocational education; English; Learning effectiveness

Introduction: Higher Vocational English teachers should pay attention to the innovation of teaching methods, change the traditional teaching methods by using mobile learning terminals, stimulate students' learning initiative, and effectively promote students' comprehensive learning ability. Higher vocational students' English foundation is relatively weak. Using mobile terminals to guide students' learning can effectively make up for the adverse factors in traditional teaching and deepen students' understanding of course knowledge. With the popularization and promotion of intelligent terminals, college students now basically have the conditions for mobile terminal learning, which enables them to use their spare time to stimulate learning anytime and anywhere, share learning content, and realize the development of comprehensive ability. Mobile learning software can provide students with more opportunities for independent exploration, promote students to carry out informal learning, lifelong learning, and effectively exercise students' foreign language application ability and cross-cultural communication ability.

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About the author:

Zhang Jing (1980-), female, from Xiangyang, Hubei Province, China, doctor of engineering, associate professor of Nanjing University of Posts and telecommunications, mainly focuses on wireless communication, Internet of things, the construction of academic atmosphere in Colleges and universities, and research-based classroom teaching.

Jiang Jie (1997-), female, from Weihai, Shandong Province, China, Bachelor of engineering, teaching assistant of Nanjing University of Posts and telecommunications, whose main research direction is ideological and political education in Colleges and universities.

1. The application value of mobile learning in the improvement of Higher Vocational Students' English learning efficiency

(1) Promoting teacher-student interaction

Mobile learning terminal software has strong interactive characteristics. Combining it with English teaching, it can give full play to the interactive advantages of mobile terminals, promote the interaction between teachers and students on mobile learning terminals, promote the mutual communication and cooperative learning between students and teachers, and encourage students to collaborate through questioning and answering questions, so as to promote information processing ability. The interaction and sharing of course content will bring more convenience to students' ability development. The mobile learning terminal software has the functions of uploading and downloading, which urges teachers to share curriculum knowledge with students and facilitates students' independent preview and review. Mobile learning terminal has rich knowledge information, and its sharing ability and knowledge update speed are unmatched by paper teaching materials. It can be used as an effective extension and supplement of traditional teaching, and promote the development of students' ability.

(2) Improving the intuition of English Teaching

Mobile learning terminal refers to the application of universal terminal facilities to promote the combination of mobile learning and English teaching, and improve students' comprehensive learning ability through intelligent learning. Mobile learning terminal can provide students with more visual and intuitive teaching content, especially can transform abstract knowledge points into pictures, videos and other content, and provide students with vivid teaching resources, so as to weaken students' understanding of the course and let students study in a relaxed atmosphere. Mobile learning platform can create a 3D three-dimensional language environment, so as to mobilize students' visual, auditory and other senses, promote the development of students' listening, speaking, reading and writing ability, let students immerse in the three-dimensional English environment, deepen the understanding of English cultural knowledge, effectively improve students' learning interest and learning efficiency, and then improve the teaching effect of English.

(3) Building the unity of commonness and individuality

Mobile learning can promote the unity of commonness and individuality. It not only pays attention to the common characteristics of students, sets up teaching according to the preferences of college students, but also reflects the individuality of students, and carries out targeted teaching according to the different needs of students. Mobile learning software has rich functions, which can provide students with a variety of training activities such as listening, speaking, reading and writing, promote students to reasonably set up learning plans according to their own needs, guide students to carry out self-assessment and inspection, identify their own weaknesses, and then carry out targeted self-improvement. Mobile learning software can detect students' subject level in time, and can identify students' learning needs and hobbies, and customize learning content and information resources accordingly, so as to facilitate their autonomous learning. Mobile platform software can provide help for students of different levels and types, and promote students' effective self-improvement. Students can flexibly choose learning content according to their own preferences and levels, and then obtain ability development. At the same time, teachers can timely understand the common problems or characteristics of students so as to set up appropriate teaching programs, and improve the ability of all students.

2. Strategies for improving higher vocational students' English learning efficiency from the perspective of mobile learning

(1) Optimize teachers' application awareness and improve the application ability of mobile platform

In order to give full play to the application advantages of mobile learning platform, teachers should pay attention to actively updating their teaching concepts, improving the application consciousness and application ability of mobile platform, and providing a good development platform for students. First of all, teachers should strengthen the awareness of mobile platform application. For teachers and students in higher vocational colleges, although they have more frequent contact with mobile learning platforms, they lack the application awareness of mobile learning platforms, students do not make clear learning plans with the help of mobile platforms, and teachers lack the full application of mobile learning platforms, which makes the important role of mobile learning platforms unable to be fully played. In this regard, teachers should pay attention to optimizing their awareness of mobile platform application, correctly recognize the positive role of mobile platform, actively explore the teaching path of mobile platform suitable for Higher Vocational Students' English learning, guide students to use mobile platform correctly, and effectively improve students' awareness of mobile platform application, and give full play to the application value of mobile platform. In this process, higher vocational colleges should strengthen the application focus of mobile learning platform, actively promote mobile learning platform for teachers and students of different professional disciplines, and help teachers and students master mobile learning methods by increasing publicity efforts and expanding publicity channels, so as to effectively promote the development of higher education. Secondly, the school should pay attention to improving the application ability of teachers and students' mobile platform. In order to promote the effective application teaching of mobile learning platform, we should strengthen the guidance and training of teachers' information technology level and the application of mobile learning platform, transfer advanced teaching ideas and high-quality teaching mode to teachers, and then effectively improve the application effect of mobile platform, and create a good mobile virtual environment. In this process, teachers should pay attention to improving their information literacy, continue to learn the application methods of mobile learning platform, strengthen the mastery of information tools, have the ability to integrate the teaching resources and teaching process of mobile learning platform, and pay attention to guiding students to correctly use mobile platform, so as to effectively

exercise students' information collection ability and information feedback ability. The application of mobile learning platform in Higher Vocational English teaching can not only effectively stimulate students' enthusiasm for course learning, but also help cultivate students' good autonomous learning habits, enhance students' creative thinking and improve students' English subject level. In this process, teachers should pay attention to timely access to students' mobile learning information, dynamically adjust teaching objectives and teaching process combined with students' feedback, and pay attention to the application of mobile platform to strengthen interaction with students, so as to effectively improve the effect of mobile learning.

(2) Carry out pre-class preparations and promote the intellectualization of education and teaching

Pre-class is an important link to consolidate students' learning foundation and pave the way for in-class teaching. In the teaching of English courses in higher vocational colleges, teachers should pay attention to the use of mobile Internet technology and mobile platform to optimize course teaching, provide advanced teaching means and learning platform for students' autonomous learning, actively change traditional teaching methods, and promote the development of intelligent education and teaching. In this process, teachers can provide students with wechat platform, mobile English app, etc. to guide students' autonomous learning in the mobile platform, so as to promote students' personalized development, effectively give play to students' learning enthusiasm, drive real-time interaction between teachers and students, and effectively enrich course teaching. For example, in the application of cloud class mobile learning platform, teachers create different classes in the software platform, invite students to enter the corresponding class by scanning the invitation code, and then set up English learning activities for different classes. The whole teaching content is divided into several modules, such as reading and writing module, resource module, etc., and upload corresponding video resources, Web links, etc. in different modules. In order to promote students' pre-class learning and after class practice, effectively stimulate students' learning enthusiasm and improve students' preview effect. In addition to uploading resources, teachers can also transfer tasks to students with the help of mobile platform functions, including class tasks and pre-class tasks. The mobile platform automatically converts the completion of students' tasks into relevant experience values, so that teachers can master students' learning progress by observing students' experience values, so as to facilitate subsequent accurate evaluation. The mobile learning platform can effectively export all kinds of learning information of students. Teachers can master the query materials, learning activities and other contents of students at different stages through the teacher side, and export and integrate them into corresponding analysis reports, so as to point out the direction for subsequent teaching activities, provide references for subsequent Teaching evaluation, and promote the effective implementation of English teaching reform.

(3) Strengthen the application of classroom teaching and improve the quality of teaching work

In English classroom teaching, the application of mobile learning platform can give full play to the value of mobile learning. In the application link in class, teachers can use the cloud class mobile learning platform to carry out teaching and apply it to various teaching activities, so as to strengthen students' mastery of English knowledge and effectively regulate students' classroom behavior. First of all, teachers can use the mobile platform for class roll call. In the traditional teaching mode, it takes teachers more time to check and record the students' attendance, wasting teachers' teaching energy. In the mobile learning mode, teachers can use the cloud class learning platform to check in and roll call online, so as to master the actual check-in situation of students in a short time, that is, the attendance situation in the classroom, and then set aside more time for classroom English teaching. Secondly, teachers can use the mobile learning platform to enhance the interaction with students. Teachers can judge students' classroom performance in time with the help of the mobile platform function, such as using the shake-a-shake function to ask roll calls and record students' positive performance, which can not only test students' absorption of English knowledge in time, but also enhance the interest of the class and promote students' participation in the course. Teachers can divide groups on mobile software in advance, guide students to complete tasks in groups, guide students to assign tasks through voice communication or offline activities, and give corresponding rewards according to the completion of tasks. In group activities, teachers release course questions or difficulties on the discussion board in advance to encourage students to discuss in groups, so as to create a good classroom atmosphere and help students establish self-confidence. Finally, teachers use the mobile platform to detect students' learning. The mobile learning platform has a test module. The teacher sets the test questions in advance that are consistent with the course content to guide the students to answer online. After the students answer the questions, they will apply big data technology to analyze the students' test results. This teaching test method can effectively reduce teachers' work pressure, promote teachers to obtain students' learning information in time, and then effectively improve work efficiency.

(4) Carry out after-class expansion exercises to improve students' English learning efficiency

After-class expansion exercises are a link to effectively exercise students' English knowledge. Teachers should pay attention to the use of mobile learning platform, and do a good job in the consolidation and expansion of knowledge after class, so as to effectively improve students' learning efficiency. In after-class teaching, teachers can upload after-school tasks and homework for students in the cloud class homework template, pay attention to the reasonable selection of homework content and type, and leave enough space for students' self exploration, so as to effectively exercise students' innovation ability and knowledge application ability. Students should clarify the specific requirements of the homework, upload the completion of the homework in the form of text or pictures, and the teacher will correct it on the mobile terminal. The teacher will give corresponding experience rewards according to the completion of students' homework, and encourage students to evaluate each other, so as to promote the improvement of students' overall English level and realize the diversified development of English evaluation.

Concluding remarks

To sum up, in Higher Vocational English teaching, teachers should correctly recognize the important role of mobile learning platform in improving teaching effect, strengthen the application of mobile learning platform, promote the development of higher education towards modernization and intelligence, and effectively improve the teaching quality and teaching level of English. In this process, teachers should actively change teaching concepts, deepen the learning of mobile learning platform, actively explore mobile learning methods suitable for college students, effectively improve students' professional skills and application ability, and promote students' all-round development.

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This paper is the phased achievement of the philosophy and social sciences research project in Jiangsu Province, "Research on the continuous adoption behavior of Higher Vocational Students' English mobile learning" (Project No.: 2020SJA1515).