

## Research on English Flipping Classroom Teaching Mode of Higher Vocational Education Based on Mobile Terminal

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**Abstract:** At present, with the development and progress of information technology, its own advantages are welcomed and favored in various fields and applied to daily work, study and life. The combination of mobile terminal and information technology and its application in the English flipping classroom teaching mode of higher vocational education can not only cultivate students' autonomous learning ability and English comprehensive accomplishment, but also improve the teaching quality and teaching effect, and realize the teaching goal. This paper studies and analyzes the mobile terminal-based English flipping classroom teaching model in higher vocational colleges and puts forward effective teaching strategies for teachers' reference.

### 1. Introduction

In order to break the traditional teaching mode and sublimate the value of the flipping classroom teaching mode, the mobile terminal-based English flipping classroom teaching model is constructed. In the practical teaching of English in higher vocational colleges, it is found that many students in higher vocational colleges have a weak foundation of English, and the teaching materials are the main means for them to learn, although teachers have expanded and extended the knowledge of teaching materials to a certain extent in the process of teaching. However, the quality and efficiency of classroom teaching has not achieved good results [1]. The combination of mobile terminal and higher vocational English flipping classroom teaching mode can not only enrich the teaching content, but also broaden the students' vision, so that they can have a wider learning world.. At the same time, it plays an important role in fostering students' autonomous learning ability, teaching quality and effect.

### 2. The Connotation of Mobile Terminal

Mobile terminal, also known as mobile communication terminal, refers to computer devices that can be used in mobile, such as mobile phones, laptops, Pad, and so on. It has been widely used in mobile phones and Pad, which provides many convenient conditions for people's life. With the development of Internet technology towards the direction of broadband, the mobile communication industry is gradually moving towards the mobile information age, resulting in the birth of smart phones and smart devices. And the mobile terminal also changes from the simple communication tool to the integrated processing platform [2]. Applying it to higher vocational English teaching can not only provide students with a variety of learning resources, but also enable students to study at any time and anywhere. In and in the learning gradually improve their learning ability.

### 3. Advantages of Flipping Classroom Teaching Model

The mode of flipping classroom teaching comes from the translation of English "Flipped Class Model". It refers to the adjustment of classroom structure and the transfer of decision-making and initiative from teachers to students [3]. The application of flipped classroom teaching model in higher vocational English teaching has the following advantages:

### **3.1 Cultivating students' self-regulated Learning ability**

In practical teaching, English teachers in higher vocational colleges can optimize and innovate the teaching mode by using flipped English teaching mode, respect the main position of students, and make students give full play to their subjective initiative in learning. Students can watch videos explained by teachers at any time and anywhere according to their learning conditions. They can watch articles or knowledge points that cannot be understood repeatedly, and organize them into notes, so as to improve students' learning efficiency at the same time. It can also develop students' autonomous learning ability.

### **3.2 Increase classroom interaction**

The application of the inverted classroom teaching mode in the higher vocational English teaching can enhance the interaction between the teaching and the students, and the interaction between the students and the students. Different from the previous teaching mode, the teacher is not in the main body of the class, but the introduction of the student's study. In the course of the student's self-study, the teacher should play its own guiding role and give the students an effective help, and give the students a point of confusion. At the same time, the teacher can reasonably divide the learning group according to the actual situation of the students so as to enable the students to pass through the interaction of the same group of people [4]. Xi, can achieve resource sharing, complementary advantages, not only can deepen learning impression, but also improve learning efficiency.

### **3.3 Promote the Individual Development of the Students**

Each student is an individual, with different ways of thinking and understanding, and a different method of learning. In the past teaching of higher vocational English, most of the teachers are all-round and not able to carry out the targeted teaching to the students, so that the teaching method is dull and single, the needs of the students' study can not be met, and the individual development of the students can not be realized. The students can arrange their own learning plans according to their own characteristics and their lack of learning. For example, students with excellent learning performance can expand the knowledge in the teaching materials and download the corresponding video data. Students with moderate academic achievements can learn the relevant knowledge in the textbook and memorize it in their hearts. For students with poor academic achievements, they can learn some basic knowledge of English [5]. The application of flipping classroom teaching mode can not only improve students' learning ability, cultivate students' exploring spirit and problem-solving ability, but also promote their individuation development.

## **4. Strategies for Implementing English Flipping Classroom Teaching Mode in Higher Vocational Colleges Based on Mobile Terminal**

### **4.1 Improve Teachers' Teaching level and Professional Literacy, and construct High-efficiency flipping classroom**

In the practical teaching, it is not easy to find that the higher vocational English turn-over classroom teaching mode includes the information education idea, the project-style teaching idea, the independent study and so on. Therefore, in the future teaching, in addition to the day-to-day teaching and work, the teacher will continue to study, gradually improve their teaching level and professional quality, and integrate the diversified teaching ideas and methods into them, so that the complete teaching system can be constructed. At the same time, the teachers should take part in the high-vocational English academic research conference to enrich their own professional knowledge; participate in the information-based application ability training to enhance their information literacy; participate in the school. The teaching methods research association is organized in order to improve their teaching level, so as to build a relaxed and pleasant learning environment with information for students.

## **4.2 Introduce new teaching methods to students and adjust their learning style**

Most of the higher vocational students are used to the traditional English teaching methods and can't understand the mobile terminal-based flipping classroom teaching mode clearly, and when they just come into contact with this new teaching mode, they will be at a loss as to what to do. Therefore, before developing new teaching methods, teachers should introduce the meaning and concept of mobile terminal and flipping classroom teaching mode in detail, and teach them how to use it and how to log on to the learning client. At the same time let the students know that the main position of flipping the classroom teaching mode is their autonomous learning under the class. Prior to formal teaching, students can try in advance, adjust the way they learn, and then implement the needleThe teaching of sex.

## **4.3 Design and draw up teaching plan to improve teaching quality**

In higher vocational English teaching, if teachers want to give full play to the important advantages of the mobile terminal-based flipping classroom teaching model, improve students' learning ability and cultivate their comprehensive English literacy, they must respect the students' dominant position. According to the students' actual situation and individual differences, make and design a teaching plan, and record the video and audio of the contents to be explained in the classroom teaching in advance, so that the students can have a pre-class study. Then language interaction with teachers and other students in the classroom can not only improve the quality of teaching, but also create a good learning environment for students, and cultivate students' ability to use English and express their language.

## **4.4 To improve the teaching evaluation system and stimulate the students' learning motivation**

In the practical teaching of higher vocational English teachers, in order to put the mobile terminal-based English flipping classroom teaching mode into reality and sublimate its value, it is not only necessary to change the teaching method, but also to redesign and formulate the teaching objectives. Also use mobile terminal platform, improve the teaching evaluation system, encourage students to learn motivation. The teaching evaluation system can be divided into the following ways: students' mutual evaluation, in-group self-evaluation, teachers' comprehensive evaluation, and the use of mobile terminal platform or learning client to carry out voting function evaluation, which can not only stimulate students' interest in participation. It can also improve the teaching quality and teaching efficiency.

## **5. Conclusions**

To sum up, the mobile terminal-based English flipping classroom teaching mode breaks through the traditional teaching mode. It integrates information technology, network technology, mobile technology, autonomous learning and other technologies with teaching methods, and provides many convenient conditions for students to study in the future. In the future, students can learn independently without the restriction of time, space and place, and make up for the deficiency in their English learning, gradually improve their learning ability and cultivate their comprehensive English literacy. Lay a solid foundation for future learning and development.

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