Research on The Innovation of Higher Vocational English Teaching Mode based on OBE Concept under The Background of Big Data

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Abstract: This essay makes a series of explorations on Vocational school’s English teaching mode on the basis of OBE concept and on the age of big data, analyzes its research significance, research contents and main innovations, Therefore, it puts forward the innovation path of Higher Vocational English teaching mode based on OBE concept. The final conclusion is that the higher vocational English teaching mode based on the OBE concept under the background of big data can promote college English teaching, and can promote vocational schools to be employment-oriented by using big data.

Keywords: Big data, OBE concept, English teaching mode innovation

1. Introduction
Big data is a new term for non-traditional strategies and technologies which need to collect, organize, process, and collect insights from large datasets.

OBE concept of outcome-oriented education refers to the outcome on the basis of education (OBE), which first was used in the basic education reform in the United States and Australia. English is an important language tool, which has an important effect on world economic and cultural exchanges. The
The purpose of offering English courses in vocational colleges is to offer professional English talents, serve the English learning needs of different majors, and expand their employment advantages.

With the progress of global economic and cultural development, mastering a foreign language, improving the quality of employment, and realizing their own value are the goals of every higher vocational college graduate. In this situation, how students are suitable to the needs of the international market has become a new direction of English teaching. In 2020, the epidemic situation has a large effect on the development of the world's economy, meanwhile, it makes the employment of graduates more difficult than the previous years. How to promote the employment of higher vocational students and enhance their competitiveness in the employment market is also an important question to be handled.

The purpose of vocational colleges is to foster students’ professional quality. It is the educational significance of higher vocational colleges to enable students to be competent for a certain position and meet professional needs through education. English, as a public course in the whole school, should also be consistent with how to educate students in vocational colleges[1].

2. The significance of research
   (1) It will promote the deepening of theoretical study on how to teach Public English in Vocational Colleges and the combination of theoretical research and educational practice, consciously use the results of theoretical research to guide practice, and improve and improve the theoretical research on how to teach English in Vocational Colleges through the test of practice, which will help to form a scientific, reasonable and feasible theoretical system of English Teaching in vocational colleges to the new level of teaching practice and management.
   (2) The research on employment-oriented teaching practice reform in vocational colleges can help the English teaching reform and innovation in a comprehensive way, and help students better adapt to the society and send more talents to the society.
   (3) Employment oriented vocational English teaching reform can upgrade the level and quality of students’ employment, and promote the depth and width of students’ employment.

3. The content of the research

3.1. The participants of the research

1. Reform the traditional English curriculum. As for the bottleneck of the development of how to educate English in vocational colleges, the vocational universities should renew their educational ideas and grasp the pulse of the times, and set up an English course system with characteristics of Vocational Colleges and satisfy the needs of "one belt and one road" construction and market demand. To learn English well, higher vocational students can transform themselves from "technical talents" and "applied talents" to "practical talents" and "high talents".
The talent training mode of "English +" specialty direction integrates culture, tourism, foreign affairs, and other resources from the perspective of "English +". For example, "English + tourism", "English + information", "English + business" and other professional directions, to create a shared cultural experience interactive teaching resource platform.[2]

Closely linked to the English teaching objectives of vocational colleges and design the English course system in line with the law of Vocational English teaching. English education’s aim in vocational colleges should be transferred from EGP (Public English Course) to ESP (Specialized English Course) and EOP (Professional English Course).

3.2. The objectives of the research

"One platform" refers to using an English classroom platform and employment-oriented to reform classroom. "Two certificates" refers to students who have obtained the professional qualification
certificate and English professional qualification certificate. “Three integration” refers to the integration among English education and specialty, comprehensive development and personalized growth, and professional skills and professionalism.[3]

![Diagram](image)

**Fig.3 Objectives of English teaching reform**

3.3. **The focus of research**

3.3.1. **Construction of Vocational English curriculum system with professional competence as the core**

The curriculum is an important basis for school teachers to organize and implement education and teaching activities in a practical way. How to reform the old course system and the construction of a new course system is the most basic link of teaching reform in an all-around and systematic way, and it is also the need for further advancement of China’s Vocational Education.

3.3.2. **Renew educational and teaching methods with employment oriented**

On the basis of employment oriented, to realize the innovation of English Teaching in vocational colleges, we should also innovate teaching methods, which is also the key content in teaching innovation. In the course teaching, the previous single indoctrination teaching method should be changed, choose diversified teaching methods to carry out teaching, so that the course teaching can be more flexible and can improve students’ English quality.

3.3.3. **Innovation of curriculum assessment system guided by employment**

In the practice of Vocational English teaching, teaching assessment is also a very important content, so the employment oriented assessment system is innovated. In the teaching practice, teachers are supposed to clearly understand the defects and deficiencies of traditional assessment methods, and change the traditional assessment methods on this basis, so that students’ assessment can be more scientific and reasonable. In the actual assessment process, English teaching can choose the standard of
students’ professional post as the assessment standard, so as to better understand the differences between students and post requirements through the assessment.

3.4. The difficulties of research:

I. How to lead the students to follow the interest to the public English and integrate public English class with the professional English course.

II. How to reform the curriculum module and strengthen students’ professional ability.

III. How to reform the teaching evaluation system and truly measure the teaching evaluation index is of guiding significance to the change of English Teaching in vocational colleges.

3.5. Main objectives:

I. Through the research, constructing a Vocational English curriculum system with professional ability as the core ability.

   The curriculum is an important basis for school teachers to organize and implement education and teaching activities in a well-organized way[4]. The reform of the old course system and the construction of a new course system is the most basic link of teaching reform in an all-round and systematic way, and it is also the requirement of the further improvement of China’s Higher Vocational Education.

II. Through research, explore the employment oriented teaching mode.

   Using modern education means to achieve the innovation of teaching mode, stimulate students’ learning enthusiasm, and enrich teaching resources.

III. Through research, consolidate the education of employment core quality.

   In vocational education, all courses should be carried out around the requirements of professional technology.

4. The Innovation of study

(1). This paper poses an opinion on the talent training mode of "English +" specialty, and integrates the resources of culture, tourism, and foreign affairs from the perspective of "English +".

(2). It is proposed to construct the ability training system of "one platform, two certificates, and Three Integrations". This paper puts forward the employment-oriented teaching concept, defines the "employment demand" oriented knowledge and skills teaching objectives, sets up the curriculum objectives with the goal of ability training, constructs the career-oriented curriculum module, and innovates the teaching methods with employment as the guidance.

(3). One belt, one road initiative, and the enhancement of College students’ occupation English ability, we will strive to cultivate a compound international talent with "international vision" and "big pattern".

(4). A new mode of teaching "individualized and self-help" for public English in vocational colleges have been established, and a "four in one" teaching scheme with a three-dimensional curriculum,
self-help learning resources, personalized practice education, and diversified evaluation has been systematically constructed.

5. Innovation path of Higher Vocational English teaching mode based on OBE concept

(1) Relying on big data to promote employment oriented education in Colleges, innovate teaching ways, and use modern teaching media.

(2) We should strengthen the construction of employment oriented "double qualified" teachers, strengthen the further study and training of English teachers, provide English teachers with practice opportunities and enterprise learning opportunities, and strengthen school-enterprise cooperation.

(3) We should implement diversified and comprehensive evaluation based on employability, strengthen the evaluation of students’ English competence and performance, and innovate teaching methods and means.

(4) Attach importance to the changes brought by artificial intelligence and big data to English teaching in college. In the age of big data, we should change the teaching methods and fully apply big data to English teaching.

6. Conclusion

The research on Higher Vocational English teaching mode based on OBE concept can use big data to promote college English teaching and can promote vocational schools to be employment oriented. However, most educators have insufficient understanding of information technology for instance big data development and application, and information technology personnel lack understanding of vocational colleges’ English teaching so the application of big data technology in Vocational English teaching still needs to be explored.[5]

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