

# Strategies for Improving the Teaching Ability of Vocational English Teachers under the Background of Educational Informatization

Jingwei Zhu, Wei Li

Jiangsu Maritime Institute, Jiangsu Nanjing 211119

---

**Abstract:** In the current context of educational informatization, vocational English teachers not only need to master modern information technology proficiently, but also need to combine it with English teaching. This requires teachers to fully utilize information technology in the teaching process, so as to comprehensively enhance students' learning interest and effectiveness. Based on this, this article elaborates on the significance of improving the teaching ability of vocational English teachers under the background of educational informatization, and proposes strategies for improving the teaching ability of vocational English teachers under the background of educational informatization, in order to provide certain reference for vocational English teaching work.

**Keywords:** education informatization, vocational English, teaching ability

---

## Introduction

Under the wave of educational informatization, vocational English teaching is facing unprecedented changes and challenges. With the rapid development of information technology and the widespread application of new media tools, teaching methods and learning environments are undergoing profound changes. Traditional teaching models are no longer able to meet the learning needs and habits of contemporary students. Especially in vocational colleges, English teaching should not only cultivate students' language skills, but also enhance their professional competitiveness and cross-cultural communication abilities. In this context, improving the teaching ability of vocational English teachers has become the key to educational reform. Teachers not only need to master advanced educational technology, but also need to be able to integrate resources, innovate teaching methods, and adapt to the new requirements of education in the information age. Exploring effective strategies to enhance the teaching ability of vocational English teachers is of great significance for improving teaching quality and promoting the comprehensive development of students.

## 1. The significance of improving the teaching ability of vocational English teachers under the background of educational informatization

In the context of educational informatization, the improvement of teaching ability of vocational English teachers is not only necessary for personal career development, but also the key to improving the quality of vocational education. With the rapid development of information technology, traditional teaching models and methods are gradually unable to meet the learning needs of contemporary students, and the improvement of teachers' teaching ability has become an urgent problem that needs to be solved. The integration of information technology into teaching can greatly enrich teaching

resources, broaden channels for knowledge transmission, and provide students with a more diverse learning experience. Vocational English teachers can effectively integrate and optimize teaching content and improve teaching efficiency by mastering and applying information technology. Educational informatization can promote innovation in teaching methods and means. Traditional "cramming" teaching methods are no longer suitable for the needs of modern education, while the application of information technology can support more interactive and cooperative teaching models, which helps cultivate students' critical thinking ability and innovative spirit. Educational informatization also provides teachers with a platform for continuous self-learning and professional development. Teachers can continuously update their knowledge system through online resources, improve their theoretical level of education and teaching, and better adapt to the new requirements of educational development. Vocational English teachers must recognize the importance of improving their teaching abilities in the context of educational informatization, actively master information technology, innovate teaching methods, continuously improve their teaching level and professional abilities, in order to adapt to the development trend of future education and provide students with higher quality educational services<sup>[1]</sup>.

## **2. Strategies for improving the teaching ability of vocational English teachers under the background of educational informatization**

### **2.1 Based on practical theoretical learning**

In the context of educational informatization, vocational English teachers need to base their knowledge on practical theory, continuously expand their scope and content, and achieve the improvement of professional competence. Vocational English teachers should actively participate in activities such as information technology education and training, online courses and seminars, and organically combine theoretical learning with practical operations to effectively enhance their teaching abilities. In terms of deepening theoretical learning, vocational English teachers need to have a deep understanding of various educational psychology and teaching methods theories, including but not limited to second language acquisition theory, multiple intelligence theory, constructivist learning theory, etc. By regularly participating in professional training, seminars, and online courses, teachers can systematically and structurally update and expand their knowledge base of educational theories. Based on the cognitive characteristics and learning needs of students, teachers can flexibly apply these theories to guide the design of teaching strategies and content in teaching practice, effectively improving students' English language skills and cross-cultural communication abilities. In terms of optimizing teaching design, vocational English teachers should use information technology tools such as educational management systems (LMS), interactive whiteboards, online collaboration platforms, etc., and combine educational theories to innovate teaching content and methods. For example, through task-based learning (TBLT) and flipped classroom teaching models, design learning tasks closely related to real-life scenarios to stimulate students' interest and participation in learning. At the same time, data analysis tools are used to track the learning process and achievements of students, and data is used to support teaching decisions, achieving personalized teaching and precision education. Strengthening the feedback process in practice requires teachers to establish a continuous observation, evaluation, and reflection mechanism for teaching practice<sup>[2]</sup>. This includes but is not limited to collecting student learning feedback, peer teacher teaching observation feedback, and objective data obtained through teaching research activities (such as project research, action research).

### **2.2 Driven by research on educational reform**

The strategy driven by educational reform research focuses on vocational English teachers actively adapting to and leading the teaching reform under the trend of educational informatization through in-depth research on educational policies, curriculum reform, and teaching method innovation. Teachers need to closely monitor the education policies and reform guidance issued by national and local education departments, especially those related to higher vocational education and foreign language teaching. Through in-depth interpretation of policy texts, they can understand the educational concepts and development directions behind them, combine policy requirements with teaching practice, and ensure that teaching content and methods keep up with the times. Teachers should actively participate in curriculum reform practices,

including but not limited to interdisciplinary curriculum design, modular teaching content development, project-based learning (PBL) and other innovative teaching models, in order to enhance students' practical and innovative abilities. In this process, teachers not only need to have interdisciplinary integration ability, but also need to master key abilities such as teaching design principles and learning effectiveness evaluation methods to scientifically evaluate the effectiveness of teaching activities and the achievement of learning outcomes. Vocational English teachers should actively carry out research on teaching methods related to educational informatization, such as using big data to analyze student learning behavior and exploring cutting-edge fields such as applying artificial intelligence technology to assist language learning. By publishing research results and participating in academic exchanges, not only can they enhance their academic influence, but they can also provide practical reference for their peers and jointly promote innovative development in the field of vocational English teaching. Through the implementation of this series of specific measures, vocational English teachers can take educational reform research as the driving force, continuously improve their teaching ability, and effectively respond to the challenges and opportunities brought by educational informatization<sup>[3]</sup>.

### **2.3 Based on skill teaching competitions**

Skills teaching competitions are an effective means to promote the professional development of teachers, and also an important way to improve their teaching level. The design of the competition mechanism needs to ensure comprehensive coverage of all aspects of teaching skills, including curriculum design, teaching methods, student interaction, teaching effectiveness evaluation, and how to effectively integrate information technology and language teaching abilities. When designing, consideration should be given to the fairness, motivation, and practicality of the competition, ensuring that it can attract active participation from teachers. Through experience sharing and exchange during the competition process, mutual learning and growth among teachers can be promoted. The innovation of participating projects requires teachers to creatively design teaching plans and activities while following the teaching syllabus and curriculum standards, such as using virtual reality technology for scene simulation teaching and using gamified learning to stimulate student interest. This not only requires teachers to have a solid foundation in education and psychology, but also to continuously explore the latest development trends in educational technology, combine innovative teaching concepts with information technology applications, and improve the interactivity and fun of teaching. The transformation of competition results requires the systematization and summarization of outstanding teaching plans and practical experiences in the competition, forming replicable and promotable teaching models or resources, which can be shared through internal and external seminars, professional journals, and other channels, in order to improve the teaching level and professional ability of the entire teaching team. Through the organic combination of the above links, the strategy based on skill teaching competitions can effectively promote the improvement of teaching ability of vocational English teachers in the context of educational informatization, and achieve the quality improvement and innovative development of education and teaching.

### **3. Epilogue**

Under the background of educational informatization, vocational English teachers are facing dual transformation pressures of teaching modes and methods. Through in-depth analysis, a teaching ability enhancement strategy centered on practical theoretical learning, educational reform research, skill teaching competitions, and teacher evaluation has been proposed, aiming to help teachers effectively integrate information technology, innovate teaching methods, improve teaching interactivity, and enhance students' practical application abilities. These strategies not only enhance the professional development of teachers, but also provide strong support for the improvement of vocational education quality and the comprehensive development of student abilities. Vocational English teachers need to constantly adapt to the development trend of educational informatization, actively explore and practice, in order to achieve continuous improvement of teaching ability and comprehensive optimization of teaching quality.

### **Conflicts of interest**

The author declares no conflicts of interest regarding the publication of this paper.

## References

[1] Wang Huijie. Exploring the Reform Path of Vocational College English Teaching in the New Media Era [J] News Research Guide. 2023; 14 (22): 178-180.

[2] Xiao Yang. The path to improving the teaching ability of English teachers in vocational colleges [J] Science and Education Guide. 2023; (31): 99-101.

[3] Zhou Xiong. Exploring Strategies for Improving the Network Information Acquisition Ability of Vocational English Teachers in the Context of Big Data [J] Journal of Chongqing Electric Power College. 2023; 28(3): 53-55+73.

### Author Introduction:

Jingwei Zhu (1976.1.5-), male, Han ethnicity, Yancheng city, Jiangsu province, master's degree, research direction: English teaching, English language and literature.

Wei Li (1981.3.26-), female, Han ethnicity, Chuzhou city, Anhui province, master's degree, research direction: English teaching, foreign linguistics and applied linguistics.

### Fund Project

Jiangsu Province Social Science Application Research Excellence Project Foreign Language Project: Research Achievements of "Optimization Strategies for Informationization Teaching of Higher Vocational English"