Computer-aided Research on the Translation Ability Cultivation Model of Chinese College English Interdisciplinary Talents

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Abstract. The trend of global economic integration has intensified the Chinese society’s demand for English-speaking compound talents. Coupled with the rapid economic development of today’s society, my country’s economic and cultural progress has also become more international[1]. Companies in all walks of life in society that are in line with foreign companies have begun to attach importance to the cultivation of their employees’ English proficiency. Compound talent is also a basic term for English majors that people put forward during this period. For the present, the cultivation of talents of compound foreign language majors is an important task English majors facing in various schools in our country. In order to better explore the connotation of professional talents, the construction of a training model for English majors based on multiple dimensions is a necessary step at present. Among them, the cultivation of translation ability is the top priority.

Keywords: English, Translation, Talent, Training

1. Introduction

Many years ago, the education department of our country has put forward a plan to guide the reform of English teaching ability in ordinary schools. This purpose is still in the planning of our education reform. However, at present, the employment rate of English majors in my country continues to decrease. The once popular ace major has become a lonely unpopular major now. This phenomenon also illustrates the lack of the core of today’s talent training model for English translation majors. In addition, we must carefully consider the rationality of professional training strategies. Therefore, how to establish a complete, distinctive and practical training model for compound talents in English translation is an important issue that educational institutions need to solve as soon as possible.

At present, perhaps due to the high prosperity of computer-aided technology, the definition of compound talents for English majors is very vague in today’s academic circles. In short, there is no uniform standard for the definition and concept of compound talents. In today’s fast-developing world of computers, some people may think that interdisciplinary talents focus on the improvement of English vocabulary and the improvement of English reading and writing skills. Others believe that interdisciplinary talents should focus on the improvement of English translation and oral communication skills. Although the above two statements are correct, according to the current social
development and the demand for talents, the author believes that the latter believes that it is more important to improve people’s English translation and oral communication skills.

2. The main connotation of the training model of computer-based compound English translation talent

2.1. The core of training must be quality education
English is a special expression form of computer basic language. Interdisciplinary talents who are specialized in English translation must not be able to divorce theoretical knowledge and skill practice[2]. These two ways of learning can complement and promote each other. The series of talent training programs we set should be described around the above two points. The primary goal of learning each language is to improve professional quality. It is also a chain that runs through vocabulary and grammar throughout the learning process of each type of language subject. Professional quality should include the improvement of the learner’s psychological quality and physical quality. Physical and mental health can urge learners to improve their English expression and translation skills. Of course, their comprehension and thinking skills can also be improved through long-term learning (see Fig 1).

![Figure 1. cultivation of English translation and interdisciplinary talents](image)

2.2. Practical progress is the pure basic education
Basic education can help people learn some peculiar knowledge and culture. For English translation majors, basic education should include general knowledge learning and professional education. In fact, some educational institutions are used to putting professional education in the first step of general education. Professional education can help students understand the uniqueness of foreign languages and some special knowledge. General learning is to help students better understand foreign cultures and some forms of oral communication.

2.3. Actual combat drills are an important testing standard
The learning of every language is not just a matter of fact. It requires proper use and recall in our daily lives. For English majors, the translation level test can be an important test standard. A student may be able to have fluent English conversations and English translation in class. However, in real life, he may get into trouble because of this. Actual combat drills are an important testing standard.

3. Requirements for the development of compound talents in the translation industry under the current computer development situation
3.1. The advancement of economic globalization has demand for translating talents
Economic globalization has always been a grand occasion that people yearn for. At present, various domestic enterprises have gradually become more and more colorful in their exchange and cooperation activities with the outside world. The demand for English translators in the tourism industry, commerce industry and other international exchange industries is rapidly increasing in an exponential function. However, many so-called high-quality professional translators are not in line with the standards required by the market.

| Talent training model       | People’s voice          |
|-----------------------------|-------------------------|
| Computer aided training     | In transition           |
| General course training     | Defects have been found |
| Computer Comprehensive Training | Longing to realize      |

3.2. The development of some translation industry demands for compound talents
In the 21st century, the types of Chinese and international companies have become more and more diverse. The international label has penetrated into the hearts of everyone in the society[3]. As a new type of industry, the translation industry is a language service project called the tertiary industry. It ranges from ordinary English training institutions to large English language R&D companies. They will all grow rapidly as a powerful industrial source with the development of economic socialization and internationalization (see Table 1).

3.3. The country’s prosperity demands for English translators and talents
Currently, English is the most spoken language in the world. It has become the universal language of internationalization. In order to obtain tickets for international trains, our country must insist on learning English as the fundamental requirement of international development. Therefore, the improvement of the country’s comprehensive capabilities has a huge demand for English translation talents.

4. Computer-aided construction of the translation ability training system for Chinese college English interdisciplinary talents

4.1. Clarification of training objectives
Under the current trend of computer technology, the primary task of constructing a training model for compound talents in English translation is to clarify the specific goals we want to cultivate. Compound talent knowledge is a broad concept. We need to clarify in depth what is called compound talent and what abilities can be called compound talent. For example, a person who only has a large accumulation of English vocabulary cannot be regarded as a compound talent.

4.2. Setting of basic professional courses
What needs to be clarified is that the setting of professional curriculum system is an important link to achieve the goal of talent training. It may be related to the quality of talent training. Generally speaking, many schools divide the curriculum system of English translation majors into compulsory courses and elective courses. Compulsory courses refer to classroom-style learning of some theoretical knowledge. Elective courses are generally extracurricular practical courses[4]. It mainly includes the training of spoken language ability and the promotion of outdoor translation ability.

4.3. Establishment of practical training courses with enterprises
To establish a perfect training model for talents, as an English major, colleges and departments must not work behind closed doors. Schools can establish practical training courses by jointly running schools with enterprises. The school provides enterprises with translation talents, and the enterprise provides the school with a teaching environment and some teaching equipment.
5. Establishment of diversified evaluation methods based on computer-aided English translation ability

5.1. Traditional test paper evaluation methods can be used
Many people believe that the computer age is a special period of development. The evaluation method of the subject should also become a special method without examination papers. In fact, this idea is one-sided. Generally speaking, the selection of the evaluation method of the test paper type is very reasonable. However, it is not the only evaluation criterion[5].

5.2. Test paper evaluation cannot be the only standard
English learning should be based on practical courses in oral communication. Therefore, the classroom performance of practical training courses should be the main way to define students’ final grades. The evaluation method of the test paper can be used as an auxiliary measurement standard for English listening, speaking, reading and writing. However, examination paper evaluation cannot be used as the sole criterion.

5.3. Computer-aided methods can be used to measure subject evaluation
Many students have experienced oral exams. Schools can use computer technology to design a set of oral examination software. Students record their own spoken video into the computer, and the teacher can make a unified evaluation through the computer. Finally, the computer will summarize the final measurement standards for each student.

6. Conclusion
For now, what we can predict is that our country will walk farther and farther on the track of internationalization. During this period, the definition of English translation level will also become the standard of the unity of compound talents[6]. Various schools must develop their own talent training strategies. Only in this way can we provide better talents for related companies.

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