

Analysis of the Individualized English Reform Model of Engineering Graduates' English Under the School-Enterprise Joint Mode

Da Liu, Jingwei Shu, Yanfeng Yue, Lin Wang, Nannan Zhang^a

Department of Foreign Languages, Liaoning University of Science and Technology, Liaoning 114051, China

^a50017352@qq.com

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Abstract: With the constant deepening of education reform, China is paying much more attention to education. In the individualized English reform, coalition mode of colleges and enterprises is mainly adopted for engineering graduates, which is beneficial to realize the rational distribution of social resources, and the innovation and development of education. This paper will analyze major modes of postgraduate training under the school enterprise joint mode, and elaborate the current situation of graduate English teaching and personalized reform measures.

1. Introduction

With the burgeoning of social economy, economic globalization has gradually quickened its pace. Therefore, the demand for English talents is increasing in society. Due to the simplification deficiency in traditional College English teaching, college students' practical ability can be weak even if they are equipped with solid theoretical knowledge [1-2]. Therefore, some colleges and universities adopt school and enterprise joint model to conduct individualized English reform of engineering graduates' English, so as to improve students' oral English competency and practical ability [3].

2. Major models of graduate training under school and enterprise joint model

Table 1 Training model for graduates under school and enterprise joint model

Major training mode	School & enterprise "Double Tutorship" system
	School & enterprise project cooperation
	School & enterprise education base

2.1 School & enterprise "Double Tutorship" system

In order to achieve the purpose of cultivating engineering master, colleges and universities hire some experienced senior scientific researchers from a professional related enterprise to serve as tutors, who will help to formulate "Double Tutorship" system with school tutors. Two tutors can compensate with each other in the knowledge system and professional skills, so as to make up the practice vacancy of universities in the past. Meanwhile, this mode can provide students with practice opportunities in enterprises, thus strengthening the cultivation of their practical ability.

2.2 School & enterprise project cooperation

School & enterprise project cooperation means that universities and enterprises work together for a common project, including two kinds of forms: research projects and national scientific research task [4]. Research projects aim to cultivate students through technical cooperation between universities and enterprises, in which case students can continuously sharpen and accumulate experience, thus enhancing the learning ability and level. In national scientific research task, the enterprises and universities jointly undertake the scientific research task while completing the joint

training task, as shown in Table 2.

Table 2 Cooperation form of school and enterprise project

Forms of cooperation	Research projects National scientific research task
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3. Present situation of English Teaching for graduates

Through the investigation on graduates' English course in three universities, 95% of the students believe that their courses are different from that of undergraduate students in the way and content of English learning. 85% of the students hold that English learning should not be simply writing and exercising. What's more, teachers should give more academic knowledge. In recent years, many Polytechnic Colleges and Universities in China divide English course of postgraduates into compulsory and elective courses. The compulsory course includes several basic courses, such as listening, speaking, reading and writing, course of communication, such as Practical Oral English. Elective English course includes academic application type and English skill type courses, which can be presented in table 3. The skill type English also includes oral English, reading, translation and other courses, as shown in Table 4. According to the above findings, English Teaching of engineering graduates should focus on the course of academic English, so as to improve students' academic paper ability and communication ability. The individualized reform of English teaching has become the trend of the times [5].

Table 3 Types of English courses for graduates in colleges and universities

Curriculum type	Course content
Required course	Listening, reading, writing, and practical oral English
Elective course	Academic application type and English skill type

Table 4 Skill-based English course

Content	English Writing Spoken English Translation English reading
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4. Improvement measures for engineering graduates' English under school-enterprise joint mode

Table 5 Improvement measures for engineering graduates' English

Improvement measures	Strengthen communication between two tutors Establish quality assessment system of graduates' English Reform of teaching evaluation system
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4.1 Strengthen communication between two tutors

The English level and ability of graduates' tutors can exert a direct impact on students. When carrying out the individualized reform of English, schools shall hire a number of enterprise mentors with strong education skills and practical experience. The enterprise requires a number of high level and high quality talents who are familiar with the business process of enterprises. Meanwhile, the college students also want to be provided with opportunities to improve practical skills. The integration of both sides and the strengthened exchanges and communication between double tutors can not only cultivate the talent training, but also enhance students' English learning ability, thus helping them better complete the project [5-6].

4.2 Establish quality assessment system of graduates' English

Table 6 Content of the assessment system

Content	Practice content, completion situation, learning progress
	Application ability and learning achievement

Under the school enterprise joint mode, engineering graduates should strengthen their acquisition of basic English knowledge, based on which they shall also enrich their practical experience and practical skills. Affected by school nature, these schools are more biased towards the theory of engineering in the course of enrolment. Therefore, these schools should actively integrate enterprise technology in the process of individualized English reform, so as to set up corresponding courses. Moreover, they shall also pay more attention to the English education, establish and improve the quality assessment system of graduates' English in actuality. On the one hand, schools shall integrate the practice into the evaluation system as well as supervise the performance and progress of courses; on the other hand, they shall also strengthen the assessment of graduates' study quality. At the end of each semester, students' English learning achievement and practical application ability shall also be assessed, so as to promote their overall development of the theory and application in English learning.

4.3 Reform of the teaching evaluation system

The English teaching in school enterprise joint mode should not be simply confined to the teaching of theory. What's more, schools should renew and improve the English Syllabus of postgraduate students, so as to establish a set of government-oriented teaching evaluation system with the joint participation of schools and enterprises, which can adapt to the future development of students. Through the reform of teaching evaluation system, students' overall quality and English level can be significantly improved. Meanwhile, related scholarships can be set up in enterprises, so as to encourage students to improve their English level, thus optimizing the past teaching mechanism and system.

5. Conclusions

In summary, China is now paying much more attention to education. The past English teaching mode has been unable to meet the current needs. As a result, the individualized English reform of engineering graduates' English has become the trend of the times. In the course of specific reform, colleges and universities should actively strengthen communication between two tutors, establish English quality assessment system of graduates and reform teaching evaluation system, so as to enhance students' English learning ability and level, thus achieving healthy development.

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