

Application of Innovative Idea in Specialized English Teaching via Computer

Juan Huang

Professional Arts Institute of Hubei, Wuhan, Hubei, 430070, China

Keywords: Innovative Idea in Teaching, Specialized English Teaching via Computer Teaching, Application.

Abstract: Specialized English teaching via computer is an important part of computer teaching. The traditional teaching pattern is no longer suitable now. The common problem that educators faced is how to improve teaching quality in the future, and what are the better innovative elements for the requirements of times. Based on practical experience, this work puts forward some suggestions for teaching reform by combining the philosophy innovation with Specialized English Teaching via computer, thus showing the positive significance of Specialized English Teaching via computer teaching.

1 INTRODUCTION

Innovative education has become the mainstream in new century education, aiming at improving the innovation ability and spirit of students. Its prime target is to train innovative talents with high quality. Theory is the guide of practice. To successfully implement innovative education, the concept of innovative education should be clarified first. In creative education, creative teachers are needed (Lu Xin, 2006). Furthermore, innovative teachers should change their traditional teaching ideas into innovative ones.

2 CURRENT STATUS OF SPECIALIZED ENGLISH TEACHING VIA COMPUTER

Jiang Zemin, General Secretary of CPC, has repeatedly stressed that innovation is the soul of national progress and unceasing power of country's prosperity. In addition, innovation has its levels. Innovation means training students to become independent individuals through education and influence. In this way, they can discover new knowledge and ideas better and possess innovative ability, thus providing comprehensive quality foundation for future (Qu Lina, 2007).

Specialized English teaching via computer is a necessary tool for information technology personnel, because plenty of computer technologies originate from English speaking countries. Although many books have been translated into Chinese, the users may encounter difficulties due to different translation levels. Take the word node for example, different people have different translation. And for some special terms, different English equivalents can be found. For example, "adapter card, interface card, controller card, and plug-in board" can all be the right expression of Chinese word Shipeika. Therefore, as a computer major student or professional, he must master the Specialized English teaching via computer so as to better meet the requirements of computer profession. According to the Basic Requirement of Special English Teaching, specialized English teaching via computer should focus on the professional use of English (Song Xiaotao, 2007). Then, students' ability of using English in practice can be improved, which also highlights the practicability of specialized English teaching via computer.

2.1 Specialized English Teaching via Computer Restricted by Teaching Mode

At present, Specialized English teaching via computer still uses traditional mode, which takes

lecture method as the teaching method and closed-book examination as the assessment method. This traditional pattern can't fully present the advantages of Specialized English Teaching in practice, without much practicability. Lecture method does not seem suitable for specialized English courses, because English as a foreign language can only exert its function in practice not in papers. Closed-book examination, instead of assessing students' practical application ability, would drive students cramming. Additionally, closed-book examination just checks the rote learning of students, without exam their applied ability. Therefore, the characteristics of computer profession can't find its way in specialized English teaching. And the linguistic competence of English cannot be connected to professional knowledge. As innovative teaching is still new, certain time and processes are necessary to replace traditional teaching mode.

2.2 Students Lacking Interest and Enthusiasm

Many students are not interested in English learning, let alone specialized English learning. The difference of students' English levels is relatively huge, resulting in the different difficulties of students to learn specialized English. Students with good English can quickly grasp the translation skills in learning. Conversely, the students with poor English foundation may encounter great difficulty for their small vocabulary, thus severely decreasing their enthusiasm. Besides, specialized English are generally formal, with more theoretical knowledge and less interesting factors. And the contents are boring, with many special terms and complicated sentence patterns which greatly affect the students' confidence in learning. If students have no interest in learning, they will surely get bad scores. Therefore, new teaching idea should be used to help students learn English well.

2.3 Boring and Signal Teaching Method for Specialized English Teaching via Computer

Now in the specialized English teaching class, teachers usually explain the textbook in detail while students listen passively. So the teaching process is still one-way instillation mode. Such method cannot motivate the students with good English foundation, without protruding highlight, thus ignoring their initiative and creativity. This boring specialized

English teaching method goes against students' learning. Meanwhile, students could not grasp the knowledge in materials for few accessory materials and their limited ability.

2.4 Influence of Teaching Staff on the Specialized English Teaching via Computer

One of the factors that affect the specialized English teaching via computer is teachers' proficiency. Professional English teachers should be able to introduce professional knowledge by English skillfully, so as to combine the theoretical knowledge with practice. Such comprehensive quality could not be built in a day. Nowadays most teachers still use Chinese to explain in their teaching, so improving the quality of specialized English teaching via computer is required.

Another problem is the selection of teaching materials. Many teachers feel difficult to find suitable materials. Computer technologies change so rapidly that a lot of teaching contents are obsolete, thus cannot providing the latest knowledge to students. In addition to being instructive, the teaching materials should also fit students' practical ability. A good textbook is the solid foundation of teaching content, with computer hardware knowledge, introduction of the software usage, program design as well as network technology. And it should be of moderate difficulty, supplied with reference translation and text reading CDs.

3 SIGNIFICANCE OF INNOVATIVE TEACHING TO SPECIALIZED ENGLISH TEACHING VIA COMPUTER

Innovative talents have always been the need for China, so training innovative talents is the most important. The innovative personality should be the essence in innovative talents training. Innovative teaching is of great significance to specialized English teaching via computer, as shown in the following aspects. On one hand, it helps students to improve their innovative ability. As a language, English cannot be learnt well by rote, but needs innovative ideas to change students' passive learning into active learning. On the other hand, only teachers with high level can educate students well. Therefore, teachers should elevate their teaching level by

combining the social requirements for students, thus improving students' comprehensive ability and professional quality.

4 INNOVATING TEACHING IDEAS IN SPECIALIZED ENGLISH TEACHING VIA COMPUTER

4.1 Selection of Appropriate Materials and Individualized Teaching

The selection of teaching materials should focus on two aspects. Firstly, the students are different. Unique materials should be selected for different levels of education objects, such as junior college students, undergraduate students, masters and doctors. As easy materials cannot bring ideal teaching result while difficult materials are hard for students to learn, selecting appropriate materials is necessary. Teachers can also add or deduct contents according to students' different knowledge reserve and English foundation. Secondly, different materials have different focuses. For instance, some materials focus on hardware, while others on software. So for different majors and schools, different materials should be selected, thus allowing materials to better fit the practical professional work. Thirdly, the timeliness and vividness of teaching content should be considered. Due to the time of translation and translation level, some teaching contents are relatively obsolete compared with the rapidly developing computer technology. For example, terms such as Dos Netware is relatively old, obviously detached from the current computer level. In addition, the typesetting of old teaching content may be boring with few pictures, which students are not interested in. So we should choose the materials with novel, vivid and miscellaneous contents.

In addition to selection of teaching materials, using important screen English and English operating systems can also allow students to realize the importance of learning. Finally, more professional English terms should be added during explanation. To get better teaching results, the training of student's ability in listening, speaking, reading and writing should prevail throughout teaching.

4.2 Using Interactive Teaching Methods

For every course, classroom teaching is the first step. So the teaching reform should start from classroom teaching. Open and interactive teaching method should be adopted rather than just students' listening to the teacher. This interactive education can cultivate students' innovative thinking, thus allowing students to grasp the class content better. Then the students would comprehend the true essence of learning, and resonate with teachers' thinking method, forming their own unique ideas. Before each class, teachers should specify a topic based on teaching materials, then, ask students to find relevant information from the internet. The material content relative to the topic can be various such as hot topic, influential people, new technology and new development, etc. In classroom teaching, teachers should let students propose questions for discussion to enliven the class. Besides, teachers should often encourage students to communicate in English. After class, teachers should make some assessment and analysis about the merits and drawbacks of students.

4.3 Changing the Teaching Method and Promoting the Interest in Learning

Changing teaching methods should aim at a bilateral way between teachers and students. Teachers should arouse the enthusiasm and initiative of students, so that students could cooperate with teachers to better complete the teaching task in a planned manner. For example, teachers can prepare some materials according to different teaching contents such as stories, or songs to enliven the class and guide the students to English learning. The teaching method of introducing professional English to students through multimedia form would present the knowledge of computer explicitly to students. In this way, students' interest in learning is stimulated, and ability to use computer is improved. The more familiar the students get with computers, the better they could understand the usefulness of professional English, which in turn could promote their ability to learn English. Meanwhile, Specialized English teaching via computer can also promote the technical level of the computer. For instance, with better professional English, students can perform better BIOS settings, DOS command, Html language and programming language, etc. In teaching, the teacher should guide students to actively analyze and solve problems. And the initiative of students is mainly decided by the

organization and mobilization level of teachers. Two main specific methods are: discussion type teaching and question-answer teaching. In discussion-mode teaching, content should be included in the topic of discussion, and the discussion time should be well controlled. Teachers should encourage the students to speak, with relevant records. By mobilizing their enthusiasm in this way, the students can better master the professional knowledge. As the name implies, question-answer teaching refers to asking students' questions and answering question raised by students. Problems are better solved when they are found in the textbook by themselves, which helps them to master the knowledge. By asking questions, teachers can test the knowledge level of students, and improve it by asking them to translate between English and Chinese. And eventually the knowledge and English level of students is enhanced, so that they could be better applied to practice.

4.4 Enhancing the Ability to Use Professional English

English as a foreign language would be useless if it can't be applied to the practice. After classroom teaching, some practical and significant school assignment should be given to provide opportunities for practical use of professional English. English is only useful when combined with practice. Students would love English learning when they found professional English useful in the practice. In constant practice the English ability of students is enhanced, thus realizing teaching for the practical usage.

5 CONCLUSIONS

The network is increasingly influential, so it will surely affect specialized English teaching via computer. The traditional teaching mode is inadaptable to the current teaching requirements, which requires teachers to change the teaching ideas and method. Only the innovative idea of teaching can better mobilize the initiative and creativity of students, so as to promote their ability of listening, speaking; reading and writing, as well as stimulate students' creative thinking. Most important, it can train students' self-learning ability. Innovative idea of teaching is only part of teaching quality improvement. In addition, selection of new proper good textbooks is of significance. Teachers should keep stimulating students' interest in learning

specialized English teaching via computer, and help students to combine theoretical knowledge with practice, so as to play the role of computer in specialized English teaching. In conclusion, it is the effective and proper teaching method to improve students' own innovative ability. Innovative idea of teaching is the correct way for specialized English teaching via computer.

REFERENCES

- Lu Xin, Primary research on teaching and studying skills in Specialized English Teaching via Computer, *Journal of Jiangxi Institute of Education (Social Science)*, 2006, 27(4):58-60.
- Qu Lina, Ideas on Specialized English Teaching via Computer, *Journal of Jilin Teachers Institute of Engineering and Technology*, 2007 (08): 57-59.
- Song Xiaotao, Ideas on Reform of Specialized English Teaching via Computer, *Journal of Taiyuan University of Technology (Social Sciences Edition)*, 2007, 25(4):65-67.