Exploration and Practice of College Chinese in Science and Engineering Colleges in the New Period

Hongyan Chen

Lanzhou Jiaotong University, Lanzhou, Gansu Province, 730070, China

Keywords: "innovation and entrepreneurship"; Science and Engineering; College Chinese

Abstract: In the new era of "innovation and entrepreneurship" education for college students, colleges and universities, as the most important task of cultivating morality and cultivating people, can break through the waves only if they are in line with teachers' own strengths, give full play to the advantages of their own disciplines, and integrate "innovation and entrepreneurship" education into the teaching of various curriculum systems. The college Chinese course contains rich resources for humanities education, which helps to cultivate students' "innovation and entrepreneurship" spirit and enhance students' "innovation and entrepreneurship" ability. Teachers can explore content and teaching methods to improve training requirements of teaching effects to adapt to talents in the new era.

1. Introduction

Premier Li Keqiang issued a call for "mass entrepreneurship and innovation" at the Summer Davos Forum in September 2014. In response to the "double innovation" education work of colleges and universities, on May 13, 2015, the General Office of the State Council clearly pointed out that "deepening the "double innovation" education reform of higher education institutions is a national implementation of innovation-driven development strategy and promotion of economic upgrading and efficiency upgrading. Urgently needed."[1] On April 21 and June 10, 2015, the contents of supporting college students'entrepreneurship were listed as the topics of the executive meeting of the State Council. On November 16, 2015, the State Council supported the grand launch of the "Shuangchuang" Encyclopedia Series in the new media of the Chinese government network. To this end, provinces and municipalities have also introduced a pilot program for the implementation of the "double-creation" education reform in Colleges and universities. The implementation of various favorable and preferential policies has escorted the "double-creation" of College students.

Subsequently, colleges and universities have also established "Shuangchuang" College. And take this as the lead, create "double-creation" base, open selection of "double-creation" process of various instructors, regular or irregular participation or holding various "double-creation" competitions, lectures, training and other activities. However, the specific implementation of the "double innovation" education and teaching reform, classroom practice and other specific links, in the current strong credits of all students, it is difficult for colleges and universities to open specific courses to effectively popularize "double innovation" education. Therefore, colleges and universities can only break through by leveraging their own disciplinary advantages, adapting to their own teachers' strengths, and integrating "double innovation" education into the teaching of each curriculum system.

2. Reflection and Practice of College Chinese Course in Science and Engineering Colleges under the Background of "Double Creation" Education in the New Period

At present, the quality education advocated by science and engineering colleges from the top down is the humanistic quality education relative to science education. "The development of humanistic quality education has two objectives. First, it tries to correct the problem that the professional is too fine and the student's knowledge structure is single. The second is to correct the

DOI: 10.25236/etmhs.2019.212

tendency to regard university education as vocational education, emphasizing that university education is still a kind of general education, which should lay the foundation for students to become a true cultural person. [2] Humanistic quality education in science and engineering colleges can improve the knowledge structure of every college student, make up for the deficiencies of low cultural quality and narrow academic vision in professional education. Only by combining professional education with humanistic quality education can we cultivate high-quality talents urgently needed in the process of "double creation".

College Chinese course is a general humanistic quality education course for undergraduate students in science and engineering colleges. It has certain advantages in improving students'cultural quality and overall ideological and moral quality. Since the course was offered for more than half a century in the college where the author is working, all previous college students have shown great enthusiasm and enthusiasm in the learning process. Teachers also follow the pace of school teaching in real time, improve teaching plans, adjust teaching content, update teaching methods, and make certain contributions to create a harmonious campus cultural atmosphere. However, in the implementation of many feasible measures, some colleges and universities have neglected the important significance of the most important university language courses in college students' humanities quality education, or first converted the university language courses as compulsory to electives. Either simply replace it with "application writing", "speech and writing" or "document writing" to decorate the facade. This lack of foresight and utilitarian behavior directly leads to the overall decline of humanistic quality such as college students' behavioral misconduct, distorted values, poor interpersonal relationship, low level of mother tongue and lack of ideals and beliefs. Therefore, while paying attention to professional education, science and engineering colleges must not neglect or even ignore the importance of being the only university language course that carries mother-tongue education. The setting of college language and other people's literary courses is not only the need to improve students' knowledge structure, but also the need to cultivate compound talents in the process of college students' "double creation" education. In terms of content system construction, etc., it can be done from the following aspects:

2.1 School

"Double-creation" education aims at cultivating talents with "double-creation" basic quality and creative personality, and cultivates students'consciousness of "double-creation", spirit of "double-creation" and ability of "double-creation". [3] The school teaching administration department should adjust the teaching system in time according to the curricula of different specialties and disciplines in the school, lay stress on strengthening the level of students'knowledge structure, and establish the basic position of humanistic quality education. It is necessary to use university language as a compulsory main course for college students of science and engineering, and to radiate other humanities courses, such as "ecological literature research", "new poetry appreciation", "movie appreciation", "ceremonial education", "Tang and Song poetry appreciation", etc.

2.2 Teacher

2.2.1 Investigate the situation

The relevant teachers who undertake the teaching of the university Chinese course should thoroughly understand the various policies, spirits and educational goals of the "double creation" education of the university students. Based on extensive investigation of the academic situation and scientific analysis, the corresponding syllabus and teaching plan should be formulated in real time. It is better to do the same as the college English course, there are measures that can quantify and carry out the grading test to meet the standards, and if not, to rework until the standards are met.

2.2.2 Adjusting Teaching Content

College Chinese course contains abundant humanistic education resources. Its content should

provide value orientation for "double-creation" education, and promote college students to develop a sound personality and a high sense of social responsibility with "double-creation". At this point, the selection or arrangement of textbooks is particularly important. At present, there are hundreds of textbooks on university language, but no matter how different the writing styles are, at least the following items must be retained: First, inherit and carry forward the articles of China's excellent cultural traditions and national spirit. The second is to improve the students' aesthetic level and appreciation ability; the third is to advocate ecological protection and bright colors; the fourth is to broaden their horizons and improve their knowledge.

2.2.3 Exploring Teaching Methods

At present, the traditional syllogism of College Chinese teaching in college classes is: first, the introduction of the author, secondly, the ideological content, and thirdly, the analysis of artistic characteristics. In addition, the teaching methods are outdated and the teaching effect is not satisfactory. This has also led to great deviations in the attitudes of students in science and engineering colleges towards professional and humanities courses. In order to change this difference, teachers' exploration of teaching methods is necessary.

2.2.4 Situational approach

The situational teaching method means that in the teaching process, the teacher creates or simulates the image as the main body, has real, vivid and specific scenes according to the needs of the teaching content, stimulates the students' emotions and helps the students understand the teaching materials. The vivid language description, textbook performance, poetry reading, drama performance, etc. in college Chinese teaching are all excellent materials for teaching content in specific image situations. happy and lively classroom atmosphere makes students feel relaxed and happy, and achieve knowledge internalization and deepening at the time of emotional upsurge and rejoicing. These will inevitably play a subtle role in college students'"double creativity" education and the cultivation of humanistic feelings.

2.2.5 Application of Recording Studio

The development of science and technology can always provide tremendous impetus and support for the progress of education. In recent years, high-tech hardware facilities are gradually entering the classroom to serve education. A fully functional recording and broadcasting classroom is a modern and high-level special classroom which integrates teaching observation, teaching and research, recording and broadcasting, remote interaction and other functions. The recording and broadcasting system can not only accumulate high-quality teaching resources, but also conduct remote interactive learning in the school area, become a channel for students to learn independently, or be a "tool" for teachers to improve their teaching level. They can record the classroom and promote the exchange of teaching and research in the school and self-reflection of teachers. The use of good recording and broadcasting classrooms in college Chinese teaching promotes the sharing of resources between teachers and students, mutual learning, and jointly improving the teaching effect, and contributing to the "double innovation" education of college students.

2.2.6 Job feedback

The teaching process is a bilateral activity between teachers and students. Preparing lessons, attending classes, tutoring and homework feedback are indispensable links in the teaching process.

The homework correction can reflect the students' learning situation in time, reflect the crux of the teaching, and it is the review and evaluation of the students' homework. It is also the examination and evaluation of the students' classroom learning. The teacher obtains feedback information through homework correction, diagnoses the classroom teaching effect, understands the student situation, solves the student's problems at any time, and lays a good foundation for the follow-up teaching work. At the same time, students can understand their mastery of the content, establish school goals, improve learning methods and methods from the examination of corrections. On the other hand, when students see that they are doing well, they will enhance their confidence in

doing homework and improve their enthusiasm for learning. When students see which problems they have made wrong, they can also correct them in time to achieve the goal of understanding knowledge in class.

In the teaching of College Chinese, in correcting homework, we should complete the corrections, correct them in time and in time, do a good job of annotation in detail, find out the key points that are wrong, and focus on repeating the explanation and analysis in the whole class. Individual counseling is provided to help students solve problems when answering questions for individual students'homework. Personally, teachers should correct students'homework in the same week and comment on and correct homework in the next class or before class. In addition, teachers must be careful and careful in correcting homework. The result of correcting homework should be scored and commented. It is necessary to pay attention to cultivating students' serious attitude towards learning through the arrangement and examination of homework. The main methods of correcting the operation are to adopt comprehensive corrections, face-to-face corrections, teacher-student discussions, and mutual corrections. The adoption of various methods should be subject to the actual effects. Generally, the majority should be changed to the main in batches, supplemented by other methods.

In the teaching process, teachers generally adopt the method of full batch reform and face-to-face correction. In order to improve the quality of this link, in order to be practical, you can also try the following practices:

2.2.7 Surface lot

The difficulties involved more knowledge, and the students who did not perform well in the two assignments were given face-to-face criticism. Work scribbles or plagiarism often occur, there are timely face-to-face approval, while giving patient guidance and education.

2.2.8 Pay attention to comments

Job reviews are an important part of teaching and have their own characteristics and functions. Teachers who use homework reviews can improve their written comprehension and presentation skills. In the classroom, the teacher is faced with all the students, and they cannot be evaluated by one pair of students in a limited class time. When the teacher corrects the homework, he is faced with the work of each student, which is convenient for teaching students according to their aptitude and individual guidance. It can be said that homework evaluation can make up for the shortcomings of classroom teaching and is an effective way of dialogue between teachers and students. Good use of comments is a necessary course for teachers.

Teachers can give individualized and unique comments to each student in the process of reviewing written assignments, PPT assignments and classroom training assignments. Every time a student starts his homework, he can't wait to open his homework book and read the comments carefully. Another purpose of doing so is to indirectly improve teacher-student relations.

2.2.9 Pay attention to the emotional attitude during homework feedback

Even in universities, there are always some students who perfunctorily do their homework, make mistakes in words, punctuation, sick sentences, and answer questions without logic and organization. In response to these situations, the teacher adjusts his or her mentality during homework feedback, controls his or her emotions, and insists on starting from the front and encouraging. Thereby inspiring the interest of learning, and stimulating the sails that are demanding.

As a teacher, it is not a matter of changing the homework. It is necessary to keep abreast of the students' understanding of the knowledge, and to understand the homework that has been evaluated, so that students can truly face their shortcomings and shortcomings. Teachers should guide and correct them from the side so as to enhance their strengths and avoid weaknesses according to their own strengths and weaknesses, and promote their continuous improvement in their achievements. They should encourage and support students at the same time, so that students can actively understand and understand how to use the method to answer questions next time. It has positive

significance for accumulating teaching experience, mastering teaching rules and teaching reform.

Of course, a good teaching method comes from teaching practice. It varies from person to person and from school to school. This is not a repetition here.

In short, university language, as the main course of general education, can play a great role in shaping students' personality and improving their language skills. At the same time, excellent literary works, with an all-encompassing image that is more flexible and liberal than Abstract scientific thinking, have created the ability of people to understand the world and creative imagination as a whole. Colleges and universities of science and engineering should rely on College Chinese to cultivate students'profound literary and artistic accomplishment, so as to provide wings for students' rational thinking, scientific undertakings and "double creation" education in the new era.

References

- [1] Satoshi Kagami, Tomonobu Kitagawa, Koichi Nishiwaki, Tomomichi Sugihara, Masayuki Inaba, Hirochika Inoue. A Fast Dynamically Equilibrated Walking Trajectory Generation Method of Humanoid Robot [J], 2002.
- [2] HIROKIK, MINORUA, YASUOK, ET al.RoboCup: a challenge problem for AI and robotics. HirokiK. RoboCup-97: Robot Soccer World Cup [C]. Berlin: Springer, 1998.38-43.
- [3] Zhizhong Yin. Application of FPGA control DC motor servo system [J]. Inner Mongolia Science and Technology and Economy, 2008 177 (23) 101-103.
- [4] Joerg Christian Wolf, Phil Hall, Paul Robinson, Phil Culverhouse. Bioloid based Humanoid Soccer Robot Design, 2007.
- [5] Wu Chuan-yu, He Lei-ying, Design and Realization of Instructional RPPR-Robot, Research and Exploration in Laboratory.2007, 26(10)
- [6] Nishiwaki K,Kagami S. High Frequency Walking Pattern Generation based on Preview Control of ZMP, IEEE International Conference on Robotics and Automation. 2006.
- [7] Chen Nan and so on. For the field of industrial and highly interconnected, TI launched a new Sitara ARM9 microprocessor. [J]. Global Electronics, 2010 (5) 86-87.
- [8] Vision Heading Navigation Based on Navigation Curve [A]. Proceedings 2010 International Conference on Intelligent Computing and Integrated Systems[C]. 2010.
- [9] Chen Nan and so on. For the field of industrial and highly interconnected, TI launched a new Sitara ARM9 microprocessor. [J]. Global Electronics, 2010 (5) 86-87.
- [10] Jonghoon ZMP Park, Youngil Youm. General ZMP Control for Bipedal Walking. IEEE International Conference on Robotics and Automation. 2007.
- [11] Chunmei Xu. Mechanical servo system based on fuzzy neural network for complex control [J]. Control Engineering .2010:17 (2):146-148.
- [12] Zhijun He. LM629-based motor servo control system design [J]. Mechanical design and manufacture .2009 (2) 40-42.