

Comprehensive evaluation of education mode of university English model and swot analysis

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Received 1 October 2014, www.cmnt.lv

Abstract

College English is a compulsory course for non-English majors, which is an important public class. The pros and cons of university English education are directly related to the improvement of comprehensive quality of college students. What the specific requirements of implementing quality education for college English education and how to further strengthen and improve the university English education are hot topics and have been widely concerned. This paper analyzes the traditional mode of university English education quality, and set up a comprehensive evaluation mode of education model, so as to provide some help for the university English reform.

Keywords: university English education, character building education, analysis of advantages and disadvantages, comprehensive evaluation

1 Introduction

Knowledge economy means knowledge producing, processing, dissemination and application which is based on modern science and technology, and determines the cultivation and development of people's innovative ability. It is very important to cultivate people to control and apply the information and knowledge. The coming of knowledge economy will promote the internationalization of Education. National power competition is becoming increasingly fierce shows that the strength of national will depend on the quality of workers, and depend on the quality and quantity of the talents [1]. The college English plays a decisive role in the knowledge economy. It is a basic course for the university personnel training, which is the premise to decide personnel quality; therefore, more and more scholars focus their attention on the university English educational model. In the article of the Research of University Curriculum Factors of Autonomous English Promotion Learning [2], Gu Shimin, from Shanghai International Studies, conducted a systematic research on the involved curriculum elements of Requirements of Teaching University English Curriculum, and reflected on the teaching principle of Requirements of Teaching University English Curriculum. He also put forward some suggestions on how to meet the individualized learning needs in the university English teaching and effectively promote the occurrence of autonomous learning. In [3], Kong Deliang Luan Shuwen constructed the structure model and the practical model of cross culture teaching university English, and aimed at enhancing cross-cultural differences in sensitivity, tolerance and flexibility of the treatment of culture in College English teaching, and

expanding university cultural influence, and enhancing the cultural soft power in Universities. Wang Shouren Reflected on College English Teaching [4]. In the new era, college English teaching should stick to the right reform direction, and continue improve and enhance college English teaching; furthermore, it is the mission and task for college to construct university English curriculum system, and perfect the university CET4 CET6 test, and create high-quality professional university English teachers, and improve teaching quality. In addition, create a new situation in university English teaching.

In this paper, the author made a detail analysis of the advantages and disadvantages of the traditional mode of university English Education, and put forward the specific college English teaching requirements, mapped out the reform direction to some extent, and established a comprehensive evaluation model of comprehensive and objective assessment of the English education mode.

2 Analysis of the traditional model of English education quality

The traditional English teaching experienced variability for several decades and gradually formed a set of intrinsic mode. The long existence of this kind of education mode must have its advantages, but with the innovative reform of teaching mode, its malpractice also revealed beyond doubt.

The advantages of traditional education:

- 1) Pay attention to the students' knowledge and skills training.
- 2) The student fixed grouping according to teaching plan, clear learning objectives, schedule orderly and controllable.

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- 3) The course of teacher's teaching, easy to play, good interactivity.

The disadvantages of traditional education:

- 1) Monotonous education environment and learning environment, dull, formulaic cramming education process, spoon feeding education
- 2) Teacher centered, more explanation, less language practicing, little chance for communication.
- 3) Focus on reading, ignoring the oral practicing.
- 4) The language is scattered grammar, vocabulary, idioms and other language points, contrast analysis.

3 The specific requirements for college English education after implementing quality education

The Decision on Deepening Education Reform and Advancing Quality Education by The CPC Central Committee and State Council pointed out the direction for the construction of socialist education system in twenty-first Century has China characteristics, and put forward principle requirements on implementing quality education. According to the "decision" requirement, there are at least four points on implementing the requirements for the university education of English quality education, the four points are as the following:

- 1) For all students.

As college English is a basic course in university and also a public course, each undergraduate has to learn it for a long time. It has a broad coverage and, far-reaching impact, which other subjects are not comparable [5]. The key is whether the education is truly for all students; whether all students can receive education and all the students' English level can be really improved.

- 2) Adding the moral education in college education.

The quality education must include aspects of education such as moral education, intellectual education, physical education and aesthetic education, and integrated them in the different parts in education activities. All types of schools at all levels should pay more attention to moral education, and strengthen the ability of moral education. We also need to carry forward the Chinese excellent traditions and combine it with all outstanding civilization achievement of the world. In order to enhance the student's education of strengthening the correct world outlook, life outlook education and ethics and civilization, we must study the world outstanding civilization achievements, and only do this can the students have a broad horizon and have a deep understanding of our country condition, in addition, they can strengthen the patriotism, collectivism and socialism feelings.

- 3) Emphasize the cultivation of students' quality and ability.

The implementation of quality education requires colleges to cultivate the students' professional quality, scientific and cultural quality and ability [6]. The college English includes intensive reading, extensive reading, fast reading, listening, grammar and exercises. Each course should emphasize the cultivation of the student's quality and ability, such as the structure of intensive reading exercises can improve the students' ability of expression. The reading exercises can improve the students' reading skills, and the extensive reading covers a range of subjects, new topics and genre diversity. It can improve students' scientific and cultural quality because of its knowledge and interest. Grammar exercises enable students to apply the grammar knowledge into language practice, and improve the ability to use grammar knowledge on discourse level. Listening can enhance the understanding and proficiency at discourse level and improve students' analysis, induction, and comprehensive and inference ability. Fast reading can improve reading ability and speed. The above part not only has its own system but complement each other, which can lay a wide, thick and solid foundation for students and constitute the comprehensive ability and quality of students.

- 4) Emphasize the cultivation of scientific spirit and innovation spirit.

There are a large number of relevant scientific and cultural knowledge article, and the teacher should explain these articles, which can enhance the dialectical materialism and historical materialism education, and cultivate science philosophy and spirit of exploration and innovation. In addition, it can integrate the scientific knowledge, scientific thinking, scientific method and scientific spirit, and become a kind of strength power.

4 A fuzzy comprehensive evaluation model of college English

4.1 CONSTRUCTION OF THE EVALUATION INDEX SYSTEM OF COLLEGE ENGLISH EDUCATION

This paper selected the learning attitude, the degree of interaction, resource use and test scores as the four evaluation model of university English education dimension according to the characteristics of autonomous learning university English education and university English. It adopted the analytic hierarchy process to determine the weight and used the current learning assessment commonly used in excellent, good, pass, fail these five grade evaluation to establish evaluation index system. The specific content is as following (Table 1):

TABLE 1 Evaluation index system of English education in a university

First class index U_i	Second class index U_{ij}	The evaluation factors
Learning attitude	Complete the task of learning according to a predetermined course	Browse Webpage learning; courseware learning; complete homework etc.
	Actively participated in Online teaching activity organized by the teacher	Put forward the question; comment; watch video; listen to the audio; Participate in answering; taking the test;
	Willing to interact with other learning partner	Put forward questions; answer the question; asynchronous communication; send E-mail etc.
	Able to finish challenging task	The proposed scheme; works; teachers' evaluations of student; provide resources etc.
	Complete autonomy learning notes and class record	Electronic notes; record lectures etc.
	To actively participate in the course of the necessary counseling	The time of participating in counseling, participating times
	To submit coursework in a timely manner, do not do things carelessly	Submission time and the operation results
	No cheating in the homework exam and quiz	Results students comment;
Cooperation	In answering the students often ask questions to the teacher	Participate in answering questions; times; browsing answering database etc.
	Published course related comments and opinions in the discussion areas	Answer questions, such as the number of published articles
	To find out the important theme in the other people's point of view, to extract the useful information, form their own point of view	Published articles; BBS statement; teachers and students evaluation
	Often exchange learning problems with teachers or students	Chat room floor, E-mail communication
	Often put forward construction suggestions to teaching education work	The times of giving advice
	Timely response to the teacher's questions	Respond time and respond times
	Actively finish the task with other learning partners	Participate in the discussion of the number of proposed solutions etc.
Resource utilization	Make full use of system platform	Log on to the system platform for learning time
	Upload valuable resources on the system platform	Upload resources and provide the link address
	Do some learning records in a notebook	Electronic notes, notes, tag, summarize the study, reflection
	Effectively choose all kinds of resources for learning	Webpage, document browsing; the use of video, audio resources; information search
	To be able to use the knowledge to solve practical problems	Work, works; participate in the competition; problem solving etc.
Papers	Examination	Multiple choice questions 25%
		Word and phrase dictation 10%
		Grammar and structure 10%
		Sentence repetition 10%
		Essay writing 15%
		Fast reading 10%
		Deep reading 20%
	Homework	Teachers score for the job
Test	Test results	

4.2 A FUZZY COMPREHENSIVE EVALUATION MODEL OF UNIVERSITY ENGLISH EDUCATION

1) The establishment of evaluation index factor set and evaluation set.

Set the evaluation index for U , $U = (u_1, u_2, \dots, u_n)$, u_i is the evaluation index.

Define the first class index set $U = (u_1, u_2, u_3, u_4)$, which is equal to the utilization of resources, cooperation, learning attitude, learning achievement.

The corresponding weight set $A = (a_1, a_2, a_3, a_4)$. a_i ($i = 1, 2, 3, 4$) indicates that the index weight in the total scores of the students in U , $\sum a_i = 1$.

Define the second level of index set $U = (u_{i1}, u_{i2}, \dots)$,

which is equal to (complete the learning task according to a predetermined course).

The corresponding weight set $a_i = (a_{i1}, a_{i2}, \dots)$. a_{ij} ($i = 1, 2, 3, 4$), indicates the weight index in total score of the students.

Define the fuzzy evaluation set $V = (v_1, v_2, v_3, v_4, v_5)$, each parameter of the fuzzy sets is evaluated by the score level assessment.

2) Determination of membership function of fuzzy judgment matrix.

Students ranked hypothesis relation and the actual level of meet the normal distribution, and this normal distribution has been widely applied in practical application of education evaluation. In view of the entire university English class ranking, the student's ranked sequence is

divided into five: (0%~10%), (10%~30%), (30%~60%), (60%~90%), (90%~100%). We use fuzzy membership concept and expert experience value to determine a student's ranking in the (possibility of localization of 10%~30%) 0.6, which falls on (0%~10%) and (the possibility of 30%~60%) each of them is 0.2. Thus, the students in the real class ranking level of the available vector can be expressed by $r = [0.2 \ 0.6 \ 0.2 \ 0 \ 0]$, while the fuzzy evaluation index of matrix $U \ R = [r_1, r_2, \dots, r_n]^T$. N is the number of the U evaluation index.

5 Conclusions

At present, college English education should be further strengthened and improved, and make it play a greater role in implementing quality education. Firstly, we need to

improve our consciousness, transfer the concept, and eliminate obstacles of university English education, and establish the confidence of improving college English teaching. Secondly, we should solve university English education problems emphatically, and take effective measures so as to ensure the university English education along the healthy track [7-9]. This paper started from the traditional mode of university English education quality analysis and combined China's current education reform content as reference index, thus clear the improvement direction of education pattern. In addition, it constructed the reference for the further improvement of future English teaching mode which is based on the fuzzy theory and promotes comprehensive construction evaluation model and the English education career.

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