

Original Paper

Exploration on the Cultivation of Comprehensive Ability of Construction Cost Students in Private Universities

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Received: May 06, 2023

Accepted: June 22, 2023

Online Published: July 01, 2023

doi:10.22158/wjer.v10n4p1

URL: <http://dx.doi.org/10.22158/wjer.v10n4p1>

Abstract

In view of the serious disadvantages such as the homogenization brought by the rapid expansion of the scale of Chinese colleges and universities, college graduates can not meet the needs of talents, the comprehensive ability of engineering cost graduates is weak, through analyzing the comprehensive ability of college students and the comprehensive ability that engineering cost students should have, put forward on the basis of professional knowledge education, strengthen the practical education, reform the teaching mode, Promote the process of ideological and political education, give full play to the educational role of private colleges and universities, and train high-quality professional talents with comprehensive development.

Keywords

engineering cost, comprehensive quality, college student

1. Introduction

In June 2023, the Ministry of Education issued a list of national colleges and universities, with a total of 3,072, of which 791 are private colleges and universities, accounting for 25%, which means that 1/4 of students will go to private colleges and universities to start their study life. At present, China has stepped into the threshold of higher education popularization. This year, the scale of higher education in China has reached 46.55 million people, which is of great significance to the future development direction of higher education in China. However, with the rapid expansion of the scale, there exist some problems such as structural contradictions and serious homogeneity tendency in higher education. At present, there is a disconnect between the graduates trained by colleges and universities and the high-quality development of the economy. The traditional teaching mode is still deeply rooted, and the comprehensive ability of students is not sufficiently cultivated, which leads to the difficulty of

employment for graduates, the low quality of employment, the weak employment intention and the lack of clear career planning.

Engineering cost major is a new popular subject in line with the needs of social development. From 2013 to 2023, China's engineering cost consulting industry has developed healthily, and the average annual compound growth rate of the income of engineering cost consulting business exceeds 13%. According to the conservative calculation of the past growth rate, by 2025, the income of China's project cost consulting business is expected to exceed 300 billion yuan, and the project cost occupies an important position in the society.

The fundamental task of colleges and universities is to train talents to meet the needs of society, not only to impart professional knowledge to students, but more importantly, to train students to adapt to the comprehensive ability of society. Engineering cost related work has higher professional quality needs, higher professional ability needs and higher interpersonal needs, which requires colleges and universities to pay more attention to the all-round development of students when training engineering cost major students, and to transport high-quality cost professionals for the society.

2. Current Situation of Comprehensive Ability of Engineering Cost Students

2.1 The Exam-Oriented Education Model Is Deeply Rooted

The traditional teaching mode is exam-oriented, paying more attention to paper scores, and lacking practical hands-on ability. As a result, students also put a lot of energy into the "question bank" of the examination paper, lack of practical application ability, and appear the phenomenon of "high score and low ability". The current situation of students: the teacher can understand, the final exam can pass, the calculation of specific engineering projects are unable to start, the ability to draw inferences is poor. Compared with exam-oriented education, practical education pays more attention to cultivating students' comprehensive ability. It is hoped that students can enhance their independent thinking ability, improve their ability to analyze problems, increase their practical operation ability through the learning process, and have a strong competitiveness in the future talent market.

Compared with exam-oriented education, quality-oriented education has the following differences: From the guiding ideology, exam-oriented education only pays attention to students' achievements and enrollment rate, while quality-oriented education aims to comprehensively improve the quality of the whole nation; From the educational purpose, the simple exam-oriented education can adapt to the higher level of schools, while the quality education pays more attention to the progress of the whole society and the needs of human development. From the object of education, exam-oriented education focuses on cultivating elimination type of elite education, while quality education focuses on "generalist" education and is mostly used for universal education. There is also a big difference in the structure of the curriculum, exam-oriented education only attaches importance to the so-called "main subject", what is taught in the exam, and the burden of schoolwork is large, while quality education has added compulsory and elective courses, teaching both as formal courses and treating them equally.

Compared with traditional courses, the form is diverse and flexible, and it is more enlightening.

2.2 Lack of Subjective Initiative

At present, most college teaching is still dominated by teachers' "teaching", and students' passive "learning", and students' independent learning ability has not been fully stimulated, resulting in students not taking the initiative to understand the relevant documents of project cost. For example, some norms have been updated, and the answers to the textbook sample questions are still calculated using the old norms, and students will not take the initiative to propose them. Students have solidified thinking "the teacher says this is so" lack of exploration ability, will not investigate "why this is so, there is no better way". The traditional teaching mode limits students' thinking to a certain extent. As educators in colleges and universities, we should attach importance to the reform of teaching mode, boldly innovate teaching mode, give students more opportunities to think independently, and leave the process of acquiring knowledge to students to explore independently.

As the pioneer of curriculum reform, teachers should not only carry out the classroom form The reform also needs to start from itself and comprehensively improve its own comprehensive quality in order to be better Guide students to focus on their own comprehensive ability. Society should also choose more students. In terms of examining students' ability, not simply from the aspects of academic qualifications, setting invisible doors, Divide job seekers into three or nine categories.

2.3 Weak Interpersonal Skills

Contemporary college students are more aware of their personal space and self-protection, and they get along with others cautiously. Even due to the rise of mobile phones, computers, game consoles and other digital devices, some college students are reluctant to get along with others and are more addicted to their own "small world". As a result, students' social adaptability is low, lack of interpersonal skills and solidarity and cooperation ability. However, the work related to engineering cost can not be completed by a person, and a large number of people need to form a team to complete it, which requires students majoring in engineering cost to have higher interpersonal skills.

Excellent professional skills and a deep knowledge base are not enough to get ahead in the job market, they need to be good the ability to communicate with people. Build a successful career by turning your strengths into wins through communication and performance, and lack of effective communication skills can limit career opportunities and growth. Communication is a kind of ability to prove yourself and let others find your talent, it includes a person's ability to dress, talk and behave, to deal with and react to other aspects of behavior. A person with communication skills can give full play to his own professional knowledge and professional ability, and can quickly leave a "credible" impression on the other side.

2.4 Wide Range of Interests

There are many ways for contemporary college students to obtain information, and their interests are very wide. Students of science and engineering are also very interested in art. For example, students of engineering cost are also very interested in singing and dancing, and even in opera and art exhibitions.

Interest is an important way for schools to urge students to develop morally, intellectually and physically in an all-round way and cultivate creative talents. The study of professional courses belongs to horizontal learning, while the study of hobbies belongs to vertical learning. It is the expansion of professional learning ability. Through the cultivation of interests and hobbies, students can improve their observation ability, imagination ability and comprehensive analysis ability. Problem solving ability, thus expanding the multi-dimensional space of students' thinking, stimulating students' imagination, creativity, and greatly improving the ability to solve problems. Inspire students to think creatively.

Cultivating interests and hobbies will make our life become positive and full of positive energy, which can make us feel the fullness of life and the beauty of the world. When we devote ourselves to the study of interests and hobbies, we will unconsciously drive us to find one of the interests, become friends, support each other, learn from each other and help each other. A full life lets us have no time to worry about trifles and purify our living environment and spiritual world. Healthy hobbies and interests will have important influence and significance for the healthy growth of college students and even their whole life. Therefore, universities should diversify their curriculum to provide students with a platform for artistic edification.

3. Students Should Have the Comprehensive Ability of Engineering Cost

3.1 Professional Ability

Students majoring in engineering cost should master the basic theories and skills of engineering cost management; Be familiar with economic policies and regulations of related industries; Master the procedures and preparation steps of bidding for construction projects; Master the rules for calculating the quantity quota and list of construction projects, installation projects and decoration projects; Master the preparation of engineering project feasibility study method and parameter index determination; Master the application method of engineering cost software, etc

3.2 Professional Quality

Cost engineers should have a high degree of political consciousness and ideological level, love the motherland, love the people, love socialism, love their work, adhere to the purpose of serving the people, so that the interests of the country and the people are above everything. In the process of practice, we should not be swayed by secular prejudice, not shaken by money and material, not intimidated by evil forces, adhere to the objective and practical principle, safeguard the interests of employers, clients or the public, and shall not disclose the technical and economic secrets mastered in practice by following private interests or seeking personal gains.

Cost professionals have a strong sense of professionalism and responsibility, and with a strong sense of professionalism, it will produce a high sense of responsibility and conscientiousness. At the same time, in order to maintain the professional honor and dignity of cost engineers, they should also be modest

and prudent, seek truth from facts, adhere to principles, unite and help each other, treat others sincerely, be honest, fair, and serve employers, clients and the public wholeheartedly.

3.3 Scientific Research Ability

Engineering cost is a constantly developing and updating discipline. As a professional of engineering cost, we must have good ability to analyze and solve problems. After getting the relevant engineering information, we can quickly identify the type of engineering and accurately calculate the quantity and price. At the same time, we must have the ability to write papers, record the difficult problems and solutions in the entire pricing work and publish them in relevant forums or journals by way of papers, providing cases for the entire industry and promoting the development of the industry.

3.4 Innovation Ability

Innovation is the soul of social progress, the inexhaustible driving force for national prosperity, and the key to fundamentally open the lock of development. After joining WTO, China's engineering cost work will gradually be in line with the international practice, foreign engineering cost consulting agencies have advanced technical concepts and scientific management mode, China's cost engineers at the present stage of the business level compared with the international level there is still a certain gap, especially the grasp of engineering and technical knowledge is not enough. Few people can actively determine and control the project cost, and there are few cost engineers with the ability to optimize the design and construction plan, so China's project cost work in order to enhance international competitiveness, we must enhance the spirit of innovation. Therefore, as a college student majoring in engineering cost, it is very necessary to improve their innovation ability during their study.

3.5 Good Psychological Quality

Today's society has gathered too many social elites and is full of competitive elements, while college students are preparing for entering the society all the time. In recent years, people have begun to realize that psychological quality is an important factor affecting the physical and mental health and social competitiveness of college students. After entering the society, college students will encounter various problems in the complicated social environment, such as interpersonal problems, emotional problems and economic problems due to the change of roles and environment. And so on, these will undoubtedly exacerbate the formation of pressure, in the face of so many aspects of pressure, good psychological quality is indispensable. Therefore, the cultivation and improvement of college students' psychological quality will become the top priority of college education in the new era, and it is urgent to improve college students' psychological quality.

4. The Way to Improve the Comprehensive Quality of Students Majoring in Engineering Cost

4.1 Course Thinking and Politics

The influence of ideological and political education on students' comprehensive ability is recessive, continuous and far-reaching. To cultivate college graduates with strong comprehensive ability, the development of college education must attach importance to ideological education and ability

education. In the face of the challenges posed by modern society to college education, the following three innovative ways can be tried to integrate ideological and political education with comprehensive ability training: First, scientific integration of ideological and political education content. According to the teaching characteristics of engineering cost major, students' learning ability and thinking ability can be considered, and ideological and political education activities with goals and levels can be carried out. The second is to advocate the "landing" of ideological and political education. We should actively practice the practical activities of ideological and political education work, guide students to think with real teaching activities, witness the change of ideas with solid practice process, pay attention to the differentiation of students' thoughts, and carry out targeted ideological and political education. The third is to build an all-round cooperative educational pattern. Whether it is ideological and political teaching or comprehensive ability training, we need to innovate and develop in a diversified direction. Enterprises with a strong sense of social responsibility should be actively introduced to help students form a correct career outlook and values, and build a learning space suitable for students' growth from the inside out.

4.2 Strengthen Psychological Counseling

When college students just enter the university, they are easy to fall into confusion, and the phenomenon of being tempted and difficult to grasp themselves occurs from time to time. Therefore, the guidance and support for college students should not only be reflected in the aspects of study and employment, but also pay deep attention to the healthy development of students' physical and mental health. Therefore, colleges and universities need to establish a psychological counseling system for students to provide protection for students' mental health; Organize a series of mental health activities to let students understand the common sense of mental health; Introduce advanced examples, guide students to grow up healthily, strengthen class construction, and create a positive growth environment for students.

4.3 Strengthen Practical Teaching

At present, the most serious problem college students are facing is the lack of opportunities to get in close contact with the society in recent years, the survey found that some college students often participate in social practice in the holidays, work-study students are slightly better in interpersonal affairs, accepting new things, practical ability and other aspects. Therefore, through the joint training of schools and enterprises, social practice in winter and summer vacations, summer camps, academic activities and other social activities, we can provide students with more opportunities to contact with society, so that students can get comprehensive exercise in the alternation between school and society, and constantly improve students' quality and ideological realm, which complement each other with the improvement of practical ability. In order to adapt to the needs of society and prepare for development in advance.

4.4 Reform Teaching Mode

The traditional teaching mode is not suitable for students majoring in engineering cost to learn professional knowledge, so it is necessary to reform the teaching mode. Firstly, the practical teaching system with practical ability cultivation as the main line should be reconstructed, and the course system should be established around the certification system of cost engineer to improve students' professional and technical ability and increase their competitiveness in employment. Secondly, develop practical teaching materials, build diversified practice platforms, increase students' "learning" process, and cultivate students' independent learning ability.

5. Conclusion

The cultivation of comprehensive ability of college engineering cost major students should not rush to success, let alone pursue speed, but need long-term accumulation and continuous strengthening. In view of the problems existing in the cultivation of the comprehensive ability of students majoring in engineering cost, it can be continuously improved and perfected in the follow-up teaching through various ways such as curriculum setting and teaching reform.

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