

Research on the Improvement of Professional Ability of Civil Engineering Students based on School-enterprise Cooperation Mode

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Abstract

With the development of society, the civil engineering industry also has new changes in the requirements for graduates, in order to further do well in student employment guidance and career planning, promote students to become talents with higher quality and more fully, and the School-enterprise cooperation platform is built, the advantages of enterprises is fully taken to assist colleges and universities in educating people together and help civil engineering students complete their career planning and fully improve their professional abilities.

Keywords

School-enterprise Cooperation; Professional Ability; Employment Guidance; Career Planning.

1. Introduction

General Secretary Xi Jinping stressed in the report of the 19th National Congress of the Communist Party of China: "we must adhere to the employment priority strategy and active employment policy, and achieve higher quality and full employment." As an important industry in the development of the national economy, the civil engineering industry has a very large market scale in our country, but with the development of society and the rise of popular industries such as computers. A new situation has also appeared in the employment of civil engineering students, in order to further promote the high-quality employment of civil engineering students, help students with employment difficulties and confused students find employment smoothly, explore the establishment of School-enterprise cooperative education model, pay attention to the whole process of student development, and help students build clear career planning and improve professional ability, which is particularly important.

2. Research Significance

1. The construction industry has new requirements in the new era, with the social development, the domestic construction industry already has a very complete work model, the employment requirements for fresh graduates have changed from the initial basic construction work to the fully developed comprehensive talent. With the proposal of The Belt and Road of our country, many outstanding enterprise projects of our country have also set down roots overseas, which further requires students to have strong professionalism and higher international outlook. In order to better adapt to the requirements of the society and enterprises after graduation, it is necessary for students to build the clear career planning and strive for it in the four years at university.

2. With the heat increase of the computer and other fields in our country, the first volunteer rate of civil engineering students has changed significantly, most students put the civil engineering volunteers in the rank after the first volunteer, moreover, in the rate of changing

majors, the proportion of civil engineering students is also relatively high. Some students' understanding of civil engineering is still in the traditional construction field. By exploring the School-enterprise cooperation model, organizing students to know the enterprise in advance, understanding the real employment situation, and helping students make the prospects of industry development clear, which can effectively improve the employability of students.

3. College counselors need to complete the guidance work of students' career planning, but most counselors also enter colleges and universities directly after graduation, their social experience is not rich enough, if the major background of their subject is complex and the students' major is different from counselor's majors, it is more difficult to carry out career planning and employment guidance work for students. Building the School-enterprise cooperation platform, fully take the characteristics of the enterprise, and exploring the new model of educating people.

3. Concrete Contents and Implementation Ways of Career Planning Education of Civil Engineering Students under the School-enterprise Cooperation Model

1. Guide civil engineering students to understand themselves initially

Due to the particularity of majors, civil engineering students will have relatively difficult job locations in the future. In order to improve students' learning interest and help students build career planning, it is necessary to carry out professional cognitive courses, develop freshmen seminars in the school, help students understand basic knowledge through professional teachers' lectures, moreover, invite senior enterprise staff to explain the actual work development, these can help students more intuitively understand the design, management, investment, construction, and research work in the fields of industrial and civil construction engineering, road and bridge engineering, and municipal engineering. In addition, understanding the current real employment and recruitment situation, and help students clean up the current employment situation and do rational analysis well.

2. Build practice platform

Schools should combine professional career guidance courses and include career guidance in daily teaching and practice activities. According to the characteristics and subject requirements of civil engineering students, the secondary colleges carry out career guidance lectures or subject group activities pointedly, make students can participate in the employment work throughout the process. Developing the School-enterprise cooperation model, according to the characteristics of the civil engineering industry, the practice base is built in the school, provide students with training base, help them recognize the working environment in advance, and have preliminary understanding of the learning contents.

3. Set up enterprise scholarship

The enterprises take the lead in setting up social scholarship in secondary colleges, provide financial assistance for outstanding poor students. Poor students are more able to adapt to the relatively difficult environment due to family reasons, which makes them better adapted to the working environment of the civil engineering industry. Through the targeted social scholarship funding policy, it also cultivates students' spirit of honesty, gratitude, and self-improvement, and will become loyal and reliable employees of the enterprise after employment in the future.

4. Establish "base class"

The civil engineering industry requires students to have strong practical ability, innovative ability, solid basic knowledge, as well as certain work experience, it is easier to stand out in the job search after graduation. The "base class" is built in secondary colleges through School-enterprise cooperation, develop special education for interested students, invite enterprise

experts and secondary college teachers to carry out extracurricular practice classes, select outstanding students through regular assessments and issue completion certificates, for outstanding students, they can be invited and sign relevant employment agreements in advance to achieve the School-enterprise win-win model.

5. The guidance of friends and peers, carry out diversified and personalized career education
Career education should respect the individual differences of students, based on the different characteristics and needs of different students, and adopt personalized guidance methods. Career education cannot rely on the strength of teachers alone, the example of friends and peers are a very good force for career education, dialogue courses of the freshmen growth is developed, and give full play to the example strength of seniors. Teachers provide students with the method of career planning, and outstanding seniors can share their personal university experience with students, the consistent school background and professional background, the he successful experience of others have strong value for reference, freshmen can think about their future in dialogue with others. The enterprises have excellent alumni, they can better combine their own work, life, and learning experience to fully introduce the enterprises' development, They give lectures in secondary colleges, form support groups, can better make students understand the enterprise, and understand their own development needs.

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