

## Research on Application-oriented Talents Cultivation in High-level Local Universities

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**Abstract:** There are lots of problems in applied talents training in local universities such as imbalance of curriculum system, insufficient of the teacher's practical teaching ability, single teaching method and so on. In order to improve the quality of personnel training and optimize the structure of talent training, local universities should reform curriculum system and adjust curriculum proportion structure, train and recruit double qualified teachers and reform teaching methods.

**Keywords:** High-level Local Universities; applied talents; talent training; undergraduate course.

### INTRODUCTION

With the rapid development of China's higher education, local colleges become the main force of China's higher education that service to the local economy. In order to accurate positioning, run a feature and ensure the quality of personnel training, local universities have reformed and improved the mode of talent applied training and confirmed the mode of cultivating applied talents. However, there are a lot of problems in this process. How to find out the problems and the causes, to explore the development of Applied Talents in local college's mode, is the mission of the educational workers [1].

### The Main Problems Existing in the Cultivation of Applied Talents

Many local universities have made some achievements in the training of applied talents. But there still exists some problems in local colleges such as lack of double - professional teachers, poor effectiveness on practice teaching, emphasis on theory but despise practice in curriculum and so on.

#### Imbalance of curriculum system

The curriculum system is formed by the division and cooperation between the courses that formed by a major, which is related to the quality of talent training. The curriculum system in colleges and universities is mainly reflected in the proportion of basic courses and specialized courses, theoretical courses and practical courses, compulsory courses and elective courses and so on[2]. For a long time, the common problem of curriculum system in China's colleges and universities is the imbalance of curriculum system.

The imbalance of the curriculum system is mainly reflected in the following aspects: firstly, the depth the breadth of theoretical research is not enough, as well as the absorption and transformation of reference; secondly, the proportion of compulsory courses is a bit larger than that of elective courses; thirdly, colleges and universities didn't pay enough

attention on the humanities and social sciences courses and lack of practical courses; fourthly, the course content of basic subject is obsolete, which lags behind the development of social science and technology. The imbalance of curriculum system restricts the cultivation of students' practical ability, which leads to the low adaptability of students in society [3].

#### Insufficient of the teacher's practical teaching ability

Nowadays, local colleges and universities teachers mainly come from college graduates who lack teaching experience and do not understand the work situation that their students will face in the future. In addition, the staff professional evaluation systems in universities are not perfect, which only focus on the educational background and scientific research results, but not the teachers' practical ability. Therefore, many teachers in universities have the problems on practical ability, which restrict them on students' practice guidance, and cannot meet the needs of applied talents training [4].

#### Single teaching method

Some teachers didn't follow the student-centered principle exactly, spoon - feeding and learning by rote is still widespread. The whole teaching process has highlighted the importance of knowledge but inadequately use other teaching forms such as seminar teaching, case teaching or project teaching, which

makes it difficult to stimulate students' innovative consciousness and innovative thinking. In fact, using new teaching methods in the process of professional education can play a significant role in speeding up quality education.

### **Solutions to the applied talents training problems**

#### **To reform curriculum system and adjust curriculum proportion structure**

It is necessary to optimize the curriculum system structure in order to deepen the reform of curriculum system. Local colleges and universities should improve the curriculum system which consists of modules: general education courses, basic courses, professional courses, specialized courses. And the emphasis is on the construction of basic courses and professional courses.

To strengthen the cultivation of students' knowledge application ability by increase the proportion of experimental courses, skills training courses and other applied courses [5]. As an important link to promote students' professional application ability, practice teaching must be closely integrated with social production in order to increase the professionalism and application of the curriculum.

#### **To train and recruit double qualified teachers**

Firstly, local colleges should recruit skilled personnel with a practical experience, and invite experts, enterprise management personnel and government official as part-time teachers. At the same time, local colleges and universities should also invite experts and scholars from related industries to guide and train applied ability.

Secondly, local colleges and universities should encourage teachers to work in enterprises, laboratories, training institute and other departments and to participate in scientific research and practice. In addition, local colleges and universities should also provide financial support for outstanding teachers to study abroad, and grasp the academic frontiers of the subject in the international arena.

#### **To reform teaching methods**

Local colleges and universities should actively use "project teaching method", "experimental teaching method", "research method" and other teaching methods. "Project teaching method" is used in the experiment course, to divide the students into several groups, let them design experimental program, plan and implement the experimental project, report the medium-term results and summarize the project results. "Experimental teaching method" is mainly used in chemistry, physics and other professional courses, it not only improves students' practice abilities, but also cultivate students' ability to demonstrate the experiment results. "Research method" is to invite experienced

professional teachers and students to carry out various activities, hold theme seminars regularly or periodically. In addition, local colleges and universities should implement undergraduate tutorial system to increase teachers' communication with students[6].

### **CONCLUSIONS**

In a word, it's important for local universities to meet the requirements of community economy in applied talents training. Although there has encountered many difficulties in the process of training applied talents, we need to make a deep analysis in these difficulties, to find a suitable way to solve them.

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