



# **Innovative Talent Training Mode and Construction of Training Platform for Marine Engineering Major**

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**Abstract:** The advent of the new era has made the implementation of reforms in the field of education more rapid. Many colleges and universities in order to cultivate innovative talents more able to meet the requirements of social development, have combined with the current professional development of specific conditions, to improve the talent training model, and through The improvement of the training platform hopes to deliver highly-qualified and skilled talents to the society. This article starts with the cultivation model of engineering engineering talents in colleges and universities, looking for a specific way to establish a professional training platform, hoping to play a certain reference value.

**Keywords:** Training platform; Higher education; Marine engineering; Talent model

The engineering engineering discipline covers a wide range of subjects and has high requirements for students' learning ability, knowledge application ability, and professional skills. Therefore, how to cultivate high-quality talents who can meet the needs of the post under the new era of innovative talent training standards Problems that need to be solved by educators in colleges and universities. This requires the school to be able to change backward training perspectives in the process of talent cultivation, and actively seek innovative ideas that are in harmony with the needs of the development of the times, so that students can grow to meet the requirements of social development through knowledge learning and participation in practical training activities. Innovative talents. At the same time, the school also needs to realize the importance of training students' professional practical ability, through the active construction of the training platform, to provide students with a broader practice stage, so as to promote its comprehensive development, at the same time promote China's marine engineering education Flourish.

## **1. Cultivation mode of engineering engineering talents in colleges and universities**

The development of science and technology and the transformation of society have made the training standards for engineering professionals more strict, so colleges and universities have set talent cultivation goals as social transportation of high knowledge, high skills, high literacy and high pursuits when carrying out talent cultivation. Innovative talents. The engineering engineering courses cover a wide range of content. Not only do students need to have professional mechatronics knowledge, engineering science knowledge and thermal knowledge, but also need to have high management skills under the use of scientific thinking, inquiry ability and innovation ability to grow into High-skilled talents that meet the needs of social positions. Students trained by the systematic talent cultivation model of colleges and universities can not only ensure the smooth implementation of system design work when they participate in the future, but also ensure the high-quality construction activities through the manufacture and maintenance of equipment . Therefore, colleges and universities should proceed from the following aspects when carrying out the talent cultivation model:

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doi: 10.18282/le.v9i5.1231

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First of all, the school needs to cultivate talents with a high level of ideology and morality, perfect values, and a strong sense of social responsibility in order to enable them to shoulder the important task of participating in employment in the future.

Secondly, the school needs to cultivate talents with judgment ability, speculation ability, inquiry ability and independent thinking ability, so that when they encounter work problems, they can solve them in time and find specific strategies for preventing accidents to ensure the quality of the work. Promote.

Finally, the school needs to cultivate talents with solid theoretical knowledge and strong professional skills, so that when they participate in employment in the future, they can use their professional abilities to ensure that each participating job can be perfect and become An important driving force for the better development of the organic chemical industry.

## **2. Ways of Constructing Practical Platform for Talent Cultivation of Marine Engineering Majors in Colleges and Universities**

### **2.1 Establish a multi-dimensional integrated practice platform**

Outdated teaching perspectives make teachers focus on teaching students basic knowledge, so little attention is paid to improving students' practical ability. In this case, not only is it difficult for students to find ways to apply knowledge to practice, but also in the process of lack of practical activities to participate, resulting in a serious decline in learning quality and effectiveness. College students have active thinking consciousness and strong speculation and inquiry skills, so teachers need to build a multi-dimensional integrated practice platform for students' actual learning situation, and encourage students to complete extracurricular practice, scientific and technological practice, and lessons under the leadership of teachers Internal practice, practical training and team practice activities. Through the participation of the multi-dimensional integrated practice platform, students can not only improve their professional and technical levels in different practical activities, but also constantly check and fill gaps to ensure the rapid rise of learning quality, and thus promote their own The purpose of good development.

### **2.2 Establish a practical platform for school-enterprise cooperation**

The ultimate goal of colleges and universities to carry out educational work is to be able to deliver high-quality talents that meet their development requirements for social positions. Therefore, in order to provide students with a better platform for practice, the school needs to actively cooperate with turbine engineering companies in the region. Establish a practical training base for school-enterprise cooperation. This will not only provide students with a broader practical platform, but also be able to more clearly define the goals of talent cultivation, and cultivate professional talents who can better meet the needs of corporate positions. Moreover, it is easier for the marine engineering companies to grasp the development prospects of the industry, helping teachers to grasp the design and practice content through the latest industry information, so that students can accumulate work experience and improve professional skills in the real work practice platform, and then continue to During training and learning, we will grow into innovative talents who meet the requirements of the post, and lay the foundation for future smooth employment.

## **3. Conclusion**

The rapid development of the times has made the requirements for talents more stringent. How to cultivate innovative talents that promotes better development of the country has become a problem that needs to be studied by colleges and universities. This requires that the school can combine the actual situation of the school with the development direction of the engineering of marine engineering, through the innovation of its old talent cultivation perspective, find a cultivation method that more meets the social job standards, and through the establishment of a training platform, create a The way in which knowledge is applied in practical activities can ensure that students' professional skills are continuously improved and at the same time they are fully developed, thereby delivering high-skilled and innovative talents to the society.

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