



Quality characteristics and training of marine engineering management professionals

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Abstract: The advent of the information age has gradually raised the standards of talent demand in different industries. Therefore, how to cultivate high-quality talents that can meet the development needs has become a problem that more and more college educators solve. This article starts with the analysis of the characteristics of the cultivation of maritime professionals in colleges and universities, and combines with the current social development to find a better way to cultivate talents, hoping to provide reference for other teachers.

Keywords: Talent cultivation; nautical profession; talent quality; higher education

The marine engineering management major covers a wide range of knowledge. Not only does it have higher requirements for students' professional knowledge and practical skills, but also has higher requirements for its humanistic accomplishment, innovation ability, management ability and competition awareness. With the continuous development of society, the traditional talent training model can no longer meet the needs of the economic market. It is necessary for teachers of marine engineering management in colleges and universities to grasp the development of the times and find education that can enhance students' professional skills and comprehensive capabilities. Way to lay a solid foundation for future smooth employment. Maritime education, as a specialty established for posts, how to keep up with technological innovation and economic development, so that the professional qualities of students can meet the needs of the post, is the main research problem of this article.

1. Characteristics of cultivating maritime professionals in colleges and universities

The changes in society and the rapid development of the economy have made people's demand for talents constantly changing. Institutions of higher learning have always focused on cultivating professional-skilled talents that meet the requirements of job development. Therefore, for the cultivation of marine engineering management professionals, the main points should be based on the following characteristics:

First, students need to accurately master the theoretical content of hydraulics, ship power installations, mechatronics, and navigational facilities through the study of professional knowledge in order to have sufficient knowledge reserves to ensure their participation in practical activities and future employment. The work carried out smoothly.

Secondly, in addition to having solid theoretical basic knowledge, students also need to have high professional skills, such as mechanical maintenance technology, turbine working condition detection technology, etc.

Third, students need to be proficient in the use of electronic information technology, be able to independently complete scientific research work through the search of academic literature and the use of databases, and have a strong practical work ability to meet the standards of job requirements.

Fourth, students need to grasp the professional development context and be able to familiarize themselves with the legal changes related to navigation and the signing of the convention through the collection of the latest information,

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so that when they participate in employment in the future, they will be more directional to ensure the effective improvement of work efficiency and effectiveness. .

Fifth, students need to continuously improve their skills in ship building, power control, and maintenance while participating in practical activities.

Sixth, students need to be familiar with the operation of the turbine and maintenance standards.

2. Specific ways to improve the quality of maritime professionals in colleges and universities

2.1 Improve students' ideological and political awareness

The advent of the new era requires not only high-quality talents with professional basic knowledge and professional skills, but also talents with high ideological and moral levels and ideological and political awareness, so that students can have the process of perfecting professional ethics, professionalism and the spirit of the times. Become a talented person who meets the actual needs of society. As the marine engineering engineering management professional courses are more inclined to improve students' professional knowledge and practical ability, so little attention is paid to the effectiveness of ideological and political work. Therefore, in order to cultivate talents who better meet the requirements of the post, teachers need to integrate ideological and political knowledge that is in line with the development of the times into the teaching activities when teaching, so that students can not only ensure the improvement of professional knowledge, but also have perfect The ideological and political consciousness has grown into a new era of talents who are dedicated to work, persevering, and have a high professional level.

2.2 Improve the teaching system

The content of the marine engineering management professional courses covers a very wide range. It is not only a manifestation of the integration of multi-professional knowledge, but also widely used in different industry fields. Therefore, not only the teaching pressure of teachers is great, but students also need to complete the study of professional knowledge and professional technology in a limited time, in order to make themselves meet the needs of future employment standards. This requires colleges and universities to pay attention to the construction of the teaching system when carrying out talent cultivation, and break through the teaching system that emphasizes theory and practice in the traditional teaching perspective.

On the one hand, schools need to ensure the rationality of the design of professional knowledge structure, and require teachers to pay attention to the extension of teaching content when conducting teaching, so that students can always learn the knowledge content consistent with the direction of professional development for its future success Lay the foundation for employment.

On the other hand, the school needs to actively organize various practical activities to provide students with a broader training platform so that they can continuously improve their technical level and learning ability while applying knowledge to the actual situation, so as to achieve comprehensive development.

2.3 Strengthen students' international competitiveness

While economic globalization has brought different countries closer together, the need for talent competition has also increased. In order to nurture marine engineering management professionals who meet the job requirements and have strong international competitiveness, colleges and universities need to pay attention to the cultivation of students' professional basic knowledge and practical ability, but also need to strengthen students' English ability. Therefore, the school needs to increase English class hours in combination with the actual teaching situation, and pay attention to the training of students' oral communication ability and language use ability. For example, teachers can actively carry out various English practice activities, such as maritime English professional lectures, English corners, and English seminars, to stimulate students' motivation to participate in language learning, and to continue to improve their knowledge level while enabling them to grow For highly qualified professionals.

3. Conclusion

The development of the society has made my country's education system continue to innovate in the footsteps of the times. Therefore, the high quality talents that combine the qualities, professions and abilities required by my country's maritime education can make better development. Therefore, the maritime education teachers of colleges and universities need to combine the teaching practice, through careful analysis of the current talent demand standards, break through the constraints of the old talent cultivation model, formulate a more perfect talent cultivation plan, and create a more in line with the requirements of the times for students to create learning surroundings. In this way, not only can we cultivate highly-qualified talents who are more in line with their development requirements, but also to promote the long-term development of my country's higher maritime education in the process of subtlety.

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