

Ways to Realize the Teaching Mode of Sailor Craft Informatization

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Abstract: Sailor crafts is a skill that reflects the technical level of the crew. Sailor crafts include all the work the crew does on board. The technical level of the crew is directly related to the navigation safety and transportation level of the ship. Sailor craft is the foundation of deck work. Proficiency in the craft of sailors can make the crew better qualified for the relevant work, which is also the ability of the crew. Therefore, technological education must be strengthened. For this reason, this paper analyzes the defects of sailor craft teaching, and gives a specific implementation plan for sailor craft teaching, in order to promote the development of sailor craft teaching.

Keywords: Sailor Craft; Information Teaching; Method

Introduction

Our country is going through a profound transformation, and various industries are undergoing structural adjustment, which puts forward higher requirements for the development of the shipping industry. Therefore, it is imperative to reform the teaching mode of sailor craft. In teaching, we should pay attention to students' practical ability. Sailor craft teaching has a great impetus to practical teaching. With the continuous development of advanced technologies such as information technology and the Internet. New opportunities have been brought to the teaching of sailor crafts. The organic combination of sailor craft and information technology and the establishment of an information-based teaching model can enable students to understand and master sailor craft, thereby promoting the development of our country's maritime industry.

1. The main problems existing in the course teaching of *Sailor Craft*

1.1 The course covers a large amount of professional knowledge, and the teaching time is continuously compressed

The assessment of the quality of navigation education is mainly the assessment of the qualifications of qualified seafarers. *Sailor Craft* is a practical course. The main contents include: understanding the basic structure, working principle, safe use and maintenance of ship deck equipment; mastering the maintenance knowledge and skills of freight lifting equipment; mastering knots, chemical fibers cable splicing, wire rope splicing, safety essentials and operation methods for climbing and outboard operations, knowledge and usage of all skills such as pulleys and reels, and daily maintenance of ships; at the same time, after learning and training, it is basically possible to achieve the operating standards of ocean-going crews enable them to have certain deck operation capabilities and high crew quality. However, due to the increasing pressure of the driver's certificate qualification examination on duty, in order to ensure the teaching time before the test, the class hours of some non-academic courses are also gradually reducing. The teaching time of the *Sailor Craft* class has been compressed, and only a certain basic teaching can be provided.

1.2 The instability of the teaching staff leads to the existence of potential safety hazards

An excellent team of sailors teaching is the key to ensuring the successful completion of their teaching and training. With the development of new technology, new ships emerge in endlessly, and new instruments and equipment also emerge. For the crew, it is the most basic quality of the crew to skillfully operate and use this new equipment and master the maintenance methods of various equipment [1]. Most of the teachers who are currently engaged in sailor craft classes lack the experience of working on ships, and they also have the qualifications to work on ships, but they lack teaching experience. At the same time, the leaders of the school do not pay enough attention to the practice courses, and the teachers' salaries are also not high enough. relatively low. Teachers generally have a sense of self-satisfaction and lack active teaching reform and innovation consciousness. Because the teaching of sailor craft is both verbal and hands-on, it requires two or more teachers to participate at the same time. This is a kind of hard and tiring work. Some teachers with certain practical ability have transferred to professional theoretical courses, while other teachers deal with a bad mood before each class. In the teaching process, there are often problems such as random stacking, random use of equipment, and lack of strict management of students, which will bring great security risks to future work.

1.3 The shortage of training venues and equipment has led to a decrease in the effectiveness of training and teaching

At present, the employment of college graduates is difficult, and the high employment rate of colleges and universities is the first choice for college graduates. In recent years, in order to meet the actual needs of the society, the enrollment scale of the major of navigation technology has been continuously expanded. The construction of the teaching site and the expansion of equipment cannot meet the increasing number of students. Most maritime colleges and universities divide the practical training into early and late stages, resulting in the practical training effect cannot meet the original teaching needs [2]. The current situation of sailor craft teaching just reflects the urgent problem that needs to be solved in the current sailing training, that is, the construction of training grounds and equipment should match the growth of the number of students.

1.4 Students' self-control ability and will quality need to be improved

As the "post-00s" students entered the university and the "little emperors" entered the university, they lived at home most of the time with food, clothing, housing and transportation, and were completely taken care of by their elders. From the present teaching and learning situation, the students are spoiled and weak. Reflected in the ideological and understanding: I studied as a senior crew member and took the three certificates, why should I study the work content of a low-level crew member such as sailor craft? Crew is a special profession, every student has to start as an ordinary crew, and craft is the most basic job on board. That way, when you become first mate, you can organize your work better.

2. The realization method of sailor craft informatization teaching mode

2.1 Improve the quality of teachers

It is necessary to strengthen the emphasis on the teaching of sailor craft and do a good job in teaching. Actively employ young teachers and continuously update the teaching staff. Eliminate low-level teachers and put pressure on them to actively engage in teaching and research. At the same time, teachers can also be encouraged to go abroad for further studies, conduct practical sailing practice, learn about the latest instruments, and improve their skills. The combination of information technology and sailor craft teaching mainly has two aspects: one is to train teachers in computer operation. Encourage older teachers to carry out information-based education and be able to use multimedia technology proficiently. Let teachers be willing to accept and use information-based teaching methods, so as to improve teachers' information technology capabilities. Second, teachers should be trained regularly. According to the ability characteristics of different teachers, information technology training should be carried out in a targeted manner to better adapt to the development of the information age and apply information technology to the course of sailor craft.

2.2 Enrich teaching methods

In the teaching of sailor crafts, information technology can be used for teaching. Using the development and popularization of computer technology, multimedia teaching can be realized, the subjectivity of students can be returned, and the autonomy of students can be cultivated. Sailor craft focus on practice within practice. The use of multimedia teaching enables students to actively engage in thinking activities in the process of watching, and can promote the communication between teachers and students, activate the classroom atmosphere, and improve the interest of teaching. When teaching some professional theoretical knowledge, you can use video to make the boring knowledge more vivid and intuitive, so that students can better understand. In addition, it can also break through the time and space limitations of traditional classroom teaching through online teaching platforms and on-campus learning forums. In practice and theory, students have more independent choices. We should use the network platform to expand the knowledge of sailor crafts. Students can also study repeatedly according to the main points, ask questions to the teacher about the problems they do not understand, and communicate with other students. On this basis, the research on virtual subjects should be strengthened so that students can acquire more knowledge. These measures can expand and enrich teaching methods.

2.3 Raise funds through multiple channels to expand training venues and training teaching equipment

The teaching equipment and equipment of practical teaching is an important content of practical teaching reform. Adequate practical teaching facilities are a necessary prerequisite to ensure practical teaching, and advanced practical teaching equipment is also the key to improving the quality of practical teaching. In order to cultivate a group of competitive marine technical talents in the world, it is necessary to have first-class teaching equipment. The maritime practice is only a part of the marine technology major. But in the daily practical training, it is the key to reflect the quality and quality of the marine technology major. Therefore, maritime colleges and universities should raise funds through joint construction with industries and enterprises, purchase and update training facilities for maritime technology, and ensure a training environment. Sailor craft teaching pays attention to the cultivation of students' practical ability, and the cultivation of practical ability requires sufficient training equipment. Only with sufficient teaching hardware conditions can the effect of practical teaching be preliminarily guaranteed.

2.4 Cultivate students' safety awareness and obedience awareness

The course of *Sailor Craft* is a practical course, and the safety education for students should be strengthened. Sailors are ordinary crew members living on the front lines of production who take their safety and duties seriously. Therefore, safety education should be strengthened so that students can learn to be practical and ensure the safety of people and ships. In the practice of sailor craft, teachers must adhere to the guiding ideology of "prevention, pre-control, and plan", adhere to high standards and strict requirements, integrate "safety awareness" into practical operations, improve teaching methods of hidden safety hazards in a timely manner, and enhance work responsibility, with standardized organizational management, to achieve safety education ^[3].

3. Conclusion

The skilled use of sailor craft can not only improve the professional skills of the crew, but also promote their practical operation ability. Moreover, you must have the ability of sailor craft in order to pass the examination and get the corresponding certificate. The role of sailor craft in teaching requires continuous innovation of teaching methods in teaching, so as to ensure the quality of teaching, so as to cultivate strong professional skills and high-quality sailing talents. With the development of our country's marine transportation and the continuous advancement of shipbuilding technology, the demand for crew members is increasing, and at the same time, higher requirements are placed on the quality of crew members. Therefore, higher vocational colleges must attach importance to practical training and actively build and improve the

information-based teaching mode of sailor craft education, so as to cultivate new types of marine technical talents who meet the development requirements of the times.

References

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