

Exploration and Practice of Excellent Course “Management of Aviation Equipment Storage”

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ABSTRACT

Combined with the construction of the excellent course of aviation equipment storage management, this paper introduces the practical results of the course reform in the aspects of course standard, faculty, teaching content, teaching method, teaching management and evaluation method. Practice shows that the construction of excellent course can not only improve the learning enthusiasm of students, but also greatly enhance the teaching effect.

Keywords: excellent course; aviation equipment storage; teaching effect

1. INTRODUCTION

The construction of excellent courses is an important measure to improve the teaching quality and promote the teaching reform. The key lies in the embodiment of modern education thought, the reform of teaching content, the innovation of teaching concept, the formation of distinctive teaching methods, the stimulation of students' interest in learning, the prominence of students' leading position and the improvement of teaching effect^[1].

2. BASIC INFORMATION OF AVIATION EQUIPMENT STORAGE MANAGEMENT COURSE

Aviation Equipment Storage Management is a main course for sergeant students in aviation equipment management. It is based on the theory of storage management, combined with the characteristics of the post, according to the needs of different types of storages in the army, and based on the cultivation of management ability of aviation equipment storage, it further strengthens the combination of management theory and management practice, and the evaluation standard is to improve students' ability and quality.

3. COURSE CHARACTERISTICS OF AVIATION EQUIPMENT STORAGE MANAGEMENT

During the process of curriculum construction, the members of the course group work together to formulate new course standards, establish modular course system, innovate teaching mode and method, reform evaluation

system, and optimize teaching process, so that the course of aviation equipment storage management has the following three characteristics:

3.1. "Three approaches" to teaching content

In the setting of the teaching content system, it is closely around the requirements of post training to achieve the "Three approaches" of teaching content and meet the requirements of talent training objectives.

3.2. Rich practical teaching links

The course practice teaching is an effective means to strengthen the post ability of students. During the process of practical teaching, students can not only enter the aviation equipment support training center for simulation training, but also visit the military practice base for learning. The application of these teaching links will help students to be competent for the actual work of the army as soon as possible and achieve the purpose of being competent for the aviation equipment assistant after graduation.

3.3. Various assessment methods

In the way of evaluation, we mainly use the theory assessment, usual performance and practical skills assessment, which can objectively reflect the students' ability and quality.

4. SPECIFIC MEASURES FOR THE CURRICULUM CONSTRUCTION OF AVIATION EQUIPMENT STORAGE MANAGEMENT

4.1. Curriculum standard is the foundation

The curriculum standard is a reform and innovation based on the curriculum syllabus. It inherits the advantages of the syllabus and covers the content of the syllabus, but it is higher, richer and more in line with the requirements of the times. The change from curriculum syllabus to curriculum standard is not just a simple replacement of words, or a change of name, it is actually a sublation, a reform. It is not difficult to see from the comparison between the two that the curriculum standard instead of the syllabus is another reform and innovation after the talent training program instead of the teaching plan, reflecting the urgent requirements of training high-quality new military talents in our military colleges and the inevitable trend of the reform and development of education and teaching. The formulation of curriculum standard is the foundation of curriculum construction. In order to formulate a qualified curriculum standard, the curriculum group carefully discusses the basic concept, module design, teaching content and requirements, and teaching implementation suggestions, with sentence consideration and easy to draft. Finally, the curriculum standard is transmitted within the scope of the branch as a template reading has played a leading and exemplary role^[2].

4.2. Teaching content reform is the core

Excellent courses represent the goal orientation and development direction of the college curriculum construction, which is of great significance to promote the overall construction of the college curriculum and improve the teaching level. The reform of teaching content is the core of the construction of excellent courses. This course aims to improve the teaching quality and strengthen quality education. Based on the principle of "strengthening the foundation, emphasizing the practice and emphasizing the ability", it has formulated the reform plan of teaching content, that is, to build a system with the main line of "improving the management ability of aviation equipments". In terms of teaching material reform, combined with the reform plan of teaching content, the system of "preservation, deletion, increase and expansion" is adopted to reintegrate the teaching material system, and maintain the advanced nature and applicability of teaching materials^[3].

4.3. Selection of teaching staff is the guarantee

The creation of excellent courses is a comprehensive reflection of teachers' academic attainments, scientific

research background and personality charm. It is the fundamental guarantee and important goal of the construction of excellent courses to form a teaching team with professional title, education background, reasonable age structure, stable personnel, high teaching level and good teaching effect. This course has a relatively complete discipline construction plan and teacher training plan, adheres to the combination of theory with practice, pays equal attention to teaching and scientific research, pays attention to the absorption and training of outstanding talents, and have formed a teaching staff with reasonable age structure, academic background structure and professional title structure, devotion to work, teaching and education, and strong comprehensive strength.

4.4. Flexible teaching methods are the key

Advanced teaching methods and means are the important symbols of excellent courses. In the course of teaching, we should not only use the teaching method of fully arousing students' enthusiasm and participation in learning, but also use modern teaching methods to properly deal with the relationship between imparting knowledge and cultivating ability; we should not only teach students the thinking method of acquiring knowledge, but also strengthen the cultivation of students' practical ability and innovation ability. Classroom teaching is the central link of all teaching activities. In the process of teaching, we fully emphasize the leading role of teachers and the main role of students, and combine imparting knowledge with ability cultivation. In the classroom teaching, the heuristic and interactive teaching methods are adopted, and the four steps of "setting questions, guiding, discovering and summarizing" are adopted for the important knowledge points to guide the students to think and discuss problems actively, deepen the understanding of knowledge points, and strengthen the interaction and cooperation between teachers and students. At the same time, the discussion exercise class is added to effectively mobilize the learning enthusiasm of the students, promote the students to think actively and improve the learning effect of the students. In addition, through practical teaching activities such as case analysis, discussion, visit and practice, the post ability of students will be further improved^[4].

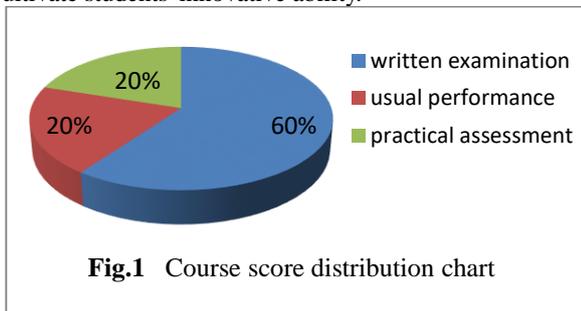
4.5. Strengthening teaching management is the guarantee

In the course of teaching implementation, all teaching rules and regulations shall be strictly implemented. Strengthen the course management, pay attention to the control of teaching process and teaching links, such as: standardize the filling of teaching log; strictly enforce the examination and approval system of teaching plan; strengthen the collective preparation and collective research, and record carefully every time, have perfect teaching management files, and strictly regulate the course management; the

course team pays attention to teaching research and teaching information feedback, and can strengthen the tracking guidance, and carry out student evaluation teaching, teacher evaluation. Teachers should listen to each other and evaluate each other's lessons so as to regularly check the teaching plan, teaching log, listening record, examination paper analysis, homework correction, tutoring and answering questions, teacher teaching summary, etc. every semester, and form relevant records and materials.

4.6. Standard of assessment and evaluation is fundamental

We should reform the means of examination, separate teaching and examination, unify the proposition and examination, and strictly control the quality of teaching. On the basis of the discussion by all the teachers, the thesis of the test paper library for this level is completed, which meets the requirements of the curriculum standard, the difficulty and differentiation of the test questions are arranged reasonably, and the knowledge points of the test questions are covered widely. The evaluation form of the course is divided into written examination, usual performance (including assignments and papers etc.), and practical assessment, as shown in Figure 1. The diversified evaluation system not only pays attention to the examination of students' learning ability, but also helps to cultivate students' innovative ability.



5. CONCLUSIONS

The construction of excellent courses is a long-term and arduous task, a long-term accumulation process, which can not be accomplished overnight or once and for all. It involves the construction of teaching staff, the setting of teaching content, the reform of teaching methods and means, the construction of teaching materials, practical teaching, assessment mode and other aspects. It must be based on the reality, from a strategic and systematic point of view, with an eye on it in order to improve the quality of teaching and the level of teaching, we should deepen the construction of curriculum into the whole teaching activities and curriculum system, take the creation of excellent curriculum as a breakthrough, increase the strength of curriculum construction, and improve the quality of curriculum as a whole^[5]. We should always put

the cultivation of students' ability to analyze and solve problems and innovative spirit in the first place, so that the curriculum will always maintain a sustainable and high-level development, and lay a solid foundation for the training of the post ability of the trainees.

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REFERENCES

[1] Xia Jinping. Thoughts on the Construction of Excellent Quality Courses for Financial management in Higher Vocational Colleges under the Background of "Internet plus" [J]. Journal of Shandong Agricultural Engineering College, 2018, 35 (12): 59-60.

[2] Xiao Linsheng. Exploration and Reflection on the Construction of "Management" High Quality Curriculum[J]. Journal of Jiangsu Vocational and Technical College of economy and trade. 2018, (135): 75-77, 89.

[3] Wang Qi. The Construction Ideas and Implementation Approaches of the Excellent Foundation Courses of Management Science under the Background of "Internet plus" [J]. Journal of Career Technical College, Yanbian. 2019, 33 (2): 54-56, 73.

[4] Wang min. Application of Project Management in the Construction of Excellent Courses in Higher Vocational Colleges [D]. Qingdao University, 2016.

[5] Rong Wenting, Zhao Lin, Fei ran. Construction Strategy of National Top-quality Course "Satellite Navigation System" [J]. Heilongjiang Higher Education Research, 2015, (2): 160-162.