

Study on the System Construction Based on Integrated Development Between Military Vocational Education and Military College Education

Jiawei Niu*, Dayong Jiang

College of Equipment Management and Support, Engineering University of PAP, Xi'an, Shaanxi, 710086, China

*Corresponding author

Keywords: Army, Military professional education, Military college education, Integrated development, Principles of system construction, Ideas of system construction

Abstract: The integrated development of military vocational education and college education was of great significance for cultivating military talents of PAP in the new era. First of all, starting from the goal of the construction of the integrated development system of military vocational education and college education of the armed police force, this paper defines the principles of system construction, that is, adhere to adapt to the new era, focus on new tasks, plan from a high starting point, promote with high quality, grasp all aspects, and implement step by step. Secondly, it puts forward the ideas of system construction, such as establishing a targeted curriculum system, establishing a scientific and efficient teaching method system, improving the teaching evaluation system and quality management process system, in order to provide theoretical support for the research and exploration of a new talent training mode suitable for the transformation of combat effectiveness generation mode.

1. Introduction

Promulgated in December 2020, "the army military professional education regulations (try out)" made clear that we need to improve in military college education, military training and military professional education practice "trinity" of the new military talent cultivation system, strengthen school training talents together with the army, for the construction of a new era of military personnel to point the way. At present, the overall level of our army's talent team construction does not match the requirements of realizing the party's military development goals in the new era, which is mainly manifested in the shortage of talents in joint operations command, the lack of core ability of talents to adapt to key posts, and the shortage of talents in new combat forces^[1]. In order to solve the above problems, it is necessary to combine the training of talents with the elements of war, combine the military college education with the military vocational education, and explore a new training mode of talents that is compatible with the transformation of the generation mode of combat effectiveness.

PAP academies, as the training bases for high-quality personnel to deal with terrorist activities and maintain social stability, should promote the research on the reform of personnel training mode in accordance with the general requirements of new-type military personnel training. Therefore, it is of great theoretical and practical significance to accelerate the construction of the integrated development system of military vocational education and college education.

2. The Goal of Constructing the Integrated Development System of Military Vocational Education and College Education

According to the job requirements of PAP, the goal of talent training for the integrated development of vocational education and college education was determined. Mainly as follows: First, the joint training system of military academies and multiple cooperative training mechanism should be clarified. Second, it is necessary to change the situation that the military education concept is weak, strengthen vocational quality education, and form military personnel who love

their own work^[2]; Third, we must change in the situation where the teaching was not very targeted, further improve the knowledge structure of the current soldiers, improve the global vision and strategic awareness of the trainees, and have the professional ability to adapt to the needs of future wars^[3]; Fourthly, we should change the current situation of insufficient students' working ability, focus on improving the level of students' professional skills, so that they have the business ability to be competent for their own posts, and have the practical ability to combine theory with practice and certain innovation ability; Fifth, we should change the situation of single teaching methods, innovate flexible and diverse teaching methods and methods, and improve the pertinence and effectiveness of teaching.

Considering the dynamic target for education training, should be closely contact forces, grasp the troops construction and development requirements, so that in the teaching practice, according to the needs of different professional and timely correction of talents training target, make its more to meet the needs of army positions, avoid the talents cultivation target positioning inaccurate result in waste of resources.

3. Principles for the Construction of the Integrated Development System of Military Vocational Education and College Education

3.1. Adapt to the New Era, Focus on New Tasks, and Build an Integrated Development System with the Characteristics of PAP

PAP academies were responsible for cultivating the talents of PAP in the new era. Therefore, we should focus on the new situation and new tasks, combine with the actual development of PAP, and highlight the characteristics of PAP according to the future employment and post needs of the students. With quality education as the core and the improvement of trainees' ability to serve and post as the main line, scientific overall planning and comprehensive construction will form an integrated development system with the characteristics of PAP^[4].

3.2. Planning from a High Starting Point, Promoting High-Quality Development, and Building a Scientific and Rational Integrated Development System

The construction of the integration system of military college education and military vocational education should first pay attention to the overall grasp of the macro. In the process of building an integrated system, we must pay attention to high-quality promotion, ensure that every aspect and level of the system construction process can be scientific and reasonable, and can fully consider the characteristics of professional disciplines, the quality and ability of students, and the needs of future positions. Adapt to the demand for talents in the modernization of PAP.

3.3. Grasp all Aspects, Implement Step by Step, and Build an Integrated Development System of Comprehensive Systems

The construction of the integrated development system involves all aspects related to teaching, and all aspects of the system construction should be fully demonstrated and considered. According to the direction and characteristics of talent training, and according to the current educational conditions of each unit, it should be carried out in stages and step by step. The construction of each sub-system should also grasp the principle of comprehensiveness and systematic Ness, to ensure that each sub-system can cooperate and complement each other in the process of practical operation, and promote the overall progress and development of teaching.

4. System Construction Ideas for the Integrated Development of Military Vocational Education and College Education

4.1. Establish a Curriculum System with Clear Goals

4.1.1. Pay Attention to the Integration of Compulsory Courses and Elective Courses

The college education and vocational education of PAP aims to cultivate a modern talent team,

so it must be considered whether the setting of the required courses and elective courses was appropriate. Compulsory courses must meet their professional learning and research needs,, and the setting of elective courses should be more precise, and sufficient demonstration and research should be carried out to further broaden students' horizons and develop students' potential and specialties^[5]. For example, courses related to the development and use of new weapons and equipment, the exploration and application of professional frontier knowledge, and knowledge of humanities and social sciences can be offered to help students track the frontiers of the field. While scientifically setting elective courses, focus on adjusting the ratio of required courses to elective courses, so that students can not only master the basic knowledge of subjects, but also improve the freedom of independent learning on the basis of common learning, thereby improving the structure of students' knowledge, ability and quality, promoting the overall improvement of the overall quality of the students.

4.1.2. Improve the Degree of Closeness between Theoretical Lessons and Practical Application

We will strengthen teaching and training based on combat effectiveness. Relying on existing military training bases, we will explore the establishment of a comprehensive training system integrating college education and base training, deepen the reform of trainees' internship mechanism, and take military training practice as the main channel to improve personnel's combat ability. The training content and assessment system are scientifically formulated in accordance with the requirements of being ahead of, above and stricter than the troops, so that cadets can improve their core competence through military training and practice. Improve the combat training system, according to the functions of the combat training guidance institutions established, enrich training management strength, establish the combat teaching training system to meet the needs of actual combat, fighting capacity standard discussion activities regularly, optimizes the strict in units of teaching training examination management standards, normalized in physical combat skills and fighting spirit cultivation in the integration of jousting contests(Figure.1). We will deepen the reform of comprehensive exercises, demonstrate comprehensive exercise subjects according to actual combat standards, and explore the establishment of a joint training mechanism in which institutions and armed forces participate ^[6].

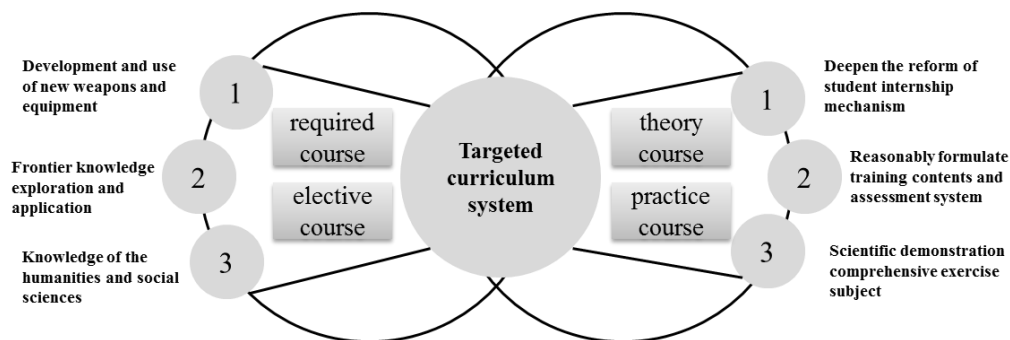


Figure 1 Targeted curriculum system

4.2. Establish a Scientific and Efficient Teaching Method System

4.2.1. Advocate Subjectivity Education

Modern education requires the establishment of the student's dominant position in the education and teaching activities. The main manifestation of the subjectivity education was the teaching method in which the teacher was the leader and the student was the main body. The main body of the college education and vocational education was all the personnel of PAP. To carry out the main body education, it was necessary to fully mobilize the students' awareness of active participation, so that the students can change from passive acceptance to active and autonomous learning. Don't think that each class was just different teachers were showing and performing, and they must clarify their own position in learning and their own learning goals. All these need to use appropriate methods to actively guide, use various media to strengthen the communication between teachers

and students, and adopt modern educational methods such as "case type", "discussion type" and "democratic type" to improve the efficiency of students' knowledge acquisition.

4.2.2. Use Information-Based Teaching Methods

The development of the modernization and informatization construction of PAP, requires the integration of college education and vocational education to improve various constructions related to informatization as soon as possible. For example, command trainees should not only strengthen the construction of training sites, but also pay attention to the application of informatization for network simulation drills and actual combat training [7]. For technical students, we can strengthen the construction of various laboratories, construct various specialized rooms simulating the real job environment, and construct a virtual environment for various experiments and drills [8-9]. In short, it was necessary to carry out the construction of informatization throughout the teaching, give full play to the advantages of information network resources, build an online education platform and online teaching environment, and adopt online course teaching, MOOC teaching and micro-course teaching to comprehensively improve the educational effect and teaching environment. Educational ability, thereby further improving the practical application and combat response ability of students(Figure 2).

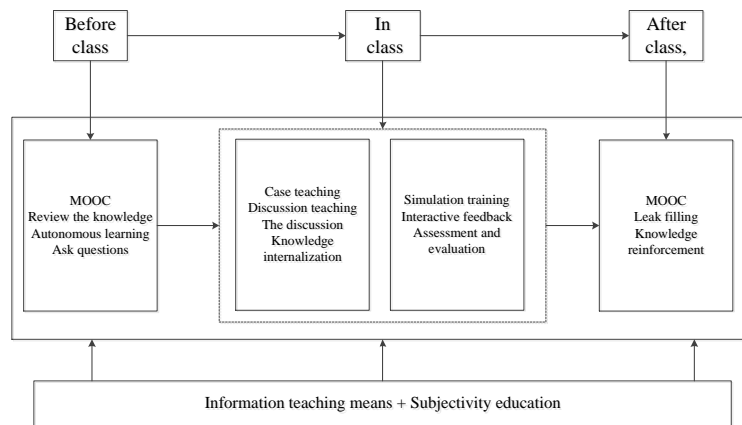


Figure 2 Scientific teaching methods

4.3. Improve the Teaching Evaluation System

4.3.1. Constructing the Evaluation System of Teachers' Comprehensive Quality

The ability, quality and sense of responsibility of teachers are the key to the improvement of education effect, so we must pay attention to the construction of reasonable teacher evaluation system in the link of education evaluation, and improve the teaching effect by evaluating the teaching quality of teachers. Because of the different types of courses, it can not be measured only by one standard, so it should be evaluated by classification of basic courses, specialized courses and experimental courses. First of all, the theoretical course should focus on the evaluation of teaching effect, considering teaching objectives, teaching attitudes, teaching content, teaching organization, teaching methods and basic teaching skills, and adopt the way of combining the evaluation of students, teaching and research office and supervision group experts. Secondly, the evaluation of teaching quality should be carried out in the dynamic teaching process, and teachers' classroom performance and students' learning should be included in the evaluation category, so as to form a complete evaluation system. Finally, the evaluation results should be timely feedback to help teachers rectify. All levels should analyze and summarize the work of each teacher according to the evaluation results to promote the teaching ability of teachers.

4.3.2. Build a Comprehensive Quality Evaluation System for Students

The original intention of the college education and vocational education of PAP was to comprehensively improve the quality of personnel training, so it was particularly important to construct a comprehensive quality evaluation that suits the needs of personnel training for PAP. In

the evaluation process, students should be differentiated according to the types and professional characteristics of the evaluation^[10]. For cadre cadets and non-commissioned officer cadets, cadre cadets require solid theoretical knowledge, professional ability and exploration ability outstanding, non-commissioned officer cadets pay more attention to the promotion of practical operation ability of the post; For professional technical skills and Conducting students, technical skilled students should pay attention to this professional theory knowledge and experimental skills assessment, can through the form of professional qualification certificate, and command classes students should pay more attention to the management of students was plotting ability and evaluation of the ability of various emergency treatment. In the specific assessment process, various forms of evaluation can be adopted, such as the combination of the final examination and the usual classroom performance, the combination of the written examination and the practical operation examination, the combination of the defense and the field test, to ensure fairness, justice and comprehensive (Figure. 3).

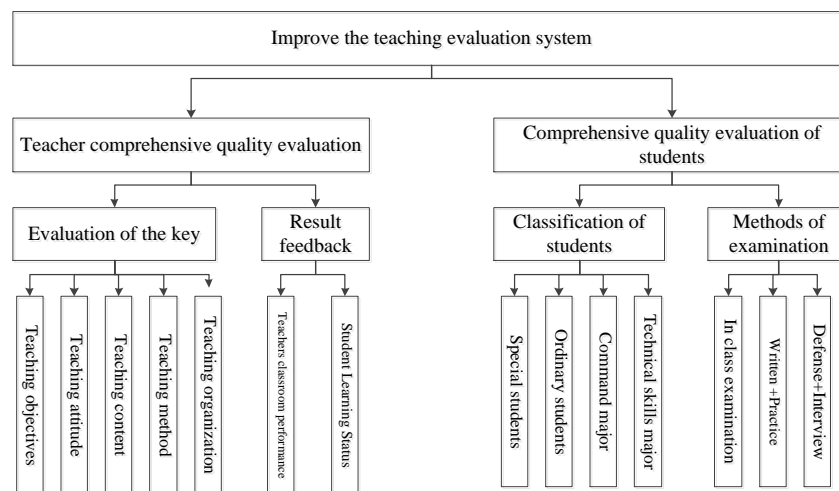


Figure 3 Improve the teaching evaluation system

4.4. Improve the Process System of Quality Management

4.4.1. Strengthen the Planning of Quality Management

The introduction of quality standards in the process of integrated development of military vocational education and college education was conducive to improving the education concept of PAP. Establishing a quality management process system suitable for the integrated development system of college education and vocational education will further standardize the quality and process of personnel training in PAP. Making planning decisions was the initial link throughout the entire management system and has a commanding role. It was mainly implemented by the decision-making level in accordance with the objectives of quality management. After the decision-making level plans and coordinates the quality management work system and formulates the quality plan, it was analysed the quality assessment information from different channels, finds problems and analyses the reasons in time, and studies and formulates rectification measures, so that the management process can be carried out in accordance with the established goals.

4.4.2. Establish a Complete Document Management System

In order to achieve the quality policy and objectives, work procedures for various activities of the quality management system shall be formulated and documented for implementation. College education and the fusion of vocational education development should be in full research, on the basis of summarizing experiences and lessons, combined with its own characteristics and actual education teaching, establish and perfect the system of all kinds of teaching management, teaching quality evaluation criteria, teaching management specification documents, work and study, form scientific quality management system, through the clear target, standard measures of each teaching link Record and evaluate the quality of teaching elements, standardize the activities of quality management, so that the management activities of colleges and universities can achieve clear

objectives, strong planning and step implementation(FIG.4).

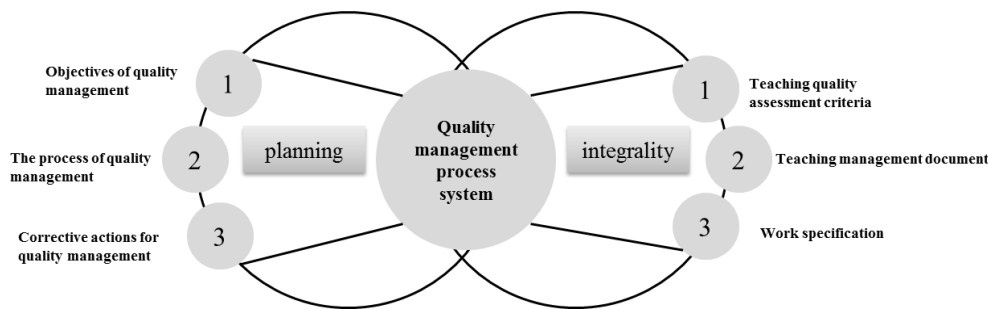


Figure 4 Quality Management Process System

5. Conclusions

At present, China has entered a new era. The new era was an era of rejuvenation towards a strong country. It was an era in which a strong army was more needed to support a strong country. A strong army must first strengthen education. The key to strengthening education lies in whether we can build a military talent that meets the goal of strengthening the army in the new era. As an important part of the national armed forces, PAP was of great importance to explore and build an integrated development system of military vocational education and college education suitable for personnel training of PAP, which fully reflects the era requirements of national defence and military construction for military education.

References

- [1] Yuanbin, D. (2018) Research on the Construction of the Trinity New Military Talent Training System in PAP Colleges. *Journal of PAP College*, 7, 92-96.
- [2] Anvarovich A N., Filipchenko S., Balukov N. (2022) The role of patriotic education in the professional activities of military men and law enforcement bodies. *Asian Journal of Research in Social Sciences and Humanities*, 3, 14-19.
- [3] Weichao, S., Shiyong, D., Jian, S. (2018) Reflections on the development needs of military vocational education in military academies. *Modern Educational Technology*, 8, 132-134.
- [4] Zhulan, B. (2020) Analysis on the model of military academies promoting the development of military vocational education. *Science Popular (Science Education)*, 6, 180.
- [5] Combe P. C. (2021) Educational Wargaming: Design and Implementation into Professional Military Education. *Journal of Advanced Military Studies*, 2, 45-51.
- [6] Jin, S., Libin, Y., Jianjun, Z. (2017) Construction of a practical teaching support system for military vocational education. *Experimental Technology and Management*, 4, 22-24.
- [7] Jin, H., Shuotian, He. (2018) Research on the Construction and Development of Military Training Information Resource System under the View of Great Integration. *China Education Informatization*, 21, 55-57.
- [8] Kate K., Smith M. (2021) Developing the military GP using immersive simulation in specialty training. *BMJ military health*.
- [9] Guyette Y. (2022) MEU Develops Decision Makers through Wargaming. *Leatherneck*, 1, 33-38.
- [10] Nielsen S C., Hugh L. (2021) The Continuing Relevance of Morris Janowitz's The Professional Soldier for the Education of Officers. *Armed Forces & Society*, 4, 48-55.