

The Actual Combat of Military Vehicle Structure Melt Teaching Pattern Discuss

Bingjian Wu

Automotive Structure Teaching and Research Section, the Equipment Support System, The Petty Officer School of Army Military Transportation College, Bengbu, China

Email address:

bingjian_119@163.com

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Abstract: It is melted that now, the firm decision intention of the Central Military Commission on whole army carries military affairs forward vigorously to train actual combat, actual combat melt teaching train research is just unfolding. However as automobile professional foundation, It is military program that masses of automobile professional educational need to study and discuss urgently.

Keywords: Educate, Teaching, Military Vehicle, Actual

1. Introduction

According to the military vehicle structure teaching, show the pattern of the military vehicle structure teaching of stage, is theoretical with the teaching way practice, theory takes the class hour of 50%, practice takes 70%, theoretical teaching adopts the unified way of giving lessons, teaching to adopt divide into groups teaching. Now, I check the teacher people of structure teaching and research section less, have only 10 persons, the same period the automobile scholar official student that attends class the persons more than 300, evidently will implement reason the teaching of bottom class is very difficult. Practice chairman only to suggest that actual combat melts teaching since, the actual combat of everybody teacher melt teaching concept also rather deep, how to develop the actual combat of vehicle structure teaching to melt pattern, it is the problem of urgent need that my room teaching employee faces actively.

2. Organization of the Text

2.1. Vehicle Structure Teaching Pattern Analysis

At this stage of the military vehicle structure of teaching mode, teaching way is the combination of theory and practice, theory accounts for 50% of the school, practice (70%), theoretical teaching adopts unified teaching method, practice teaching by grouping teaching. Structure of the teaching and

research section in our school faculty is now less people, only 10 people, class car sergeant students nearly more than 300 people at the same time, visible to real integration, small class teaching is very difficult. Each faculty member of the combat teaching idea is deep, how to develop the teaching mode of the combat vehicle construction, is my room the need for teaching staff actively face the problems.

2.2. The Reality of the Problems

The first problem is part teaching contents of knowledge boring is disconnected with the actual problem. Have ever experienced troops to function in an acting capacity of faculty in the faculty team is still in the minority, not force function in an acting capacity compared with the faculty had function in an acting capacity experience, on the teaching methods and teaching ability is a big difference, learned in the matches the investigation and discussion had function in an acting capacity experience of faculty is very popular with students, the teaching means and methods are more likely to be accepted by students. Is often a lot of teaching and research section lacks the faculty team, leading to the knowledge of teaching content with the troops and equipment, after students on the course, back to the troops could not use, conflict with the combat teaching idea at present stage. No function in an acting capacity through a faculty member in the class, natural won't have too many forces experience and practical experience, lead to the use of single teaching method, content boring, even

some teachers in class is to read the courseware. The second problem is specialized ability and the "double type" teachers require. Previous academic education attaches great importance to the professional training, teacher's teaching ability and theoretical foundation of basic skills training is ignoring practice ability exercise. Transition in petty officer education, faculty with high theoretical knowledge, practice ability of double talents, however because of petty officer education beginning and development, improve the practice ability of teachers to a short time is not realistic. As our school open a month "automobile maintenance technology professional students" short-term training, requires faculty practice ability is very high, however, from my department to find such talent but a handful of several period after opening students reflect the situation is not optimistic, obviously faculty practice teaching ability be badly in need of exercise and training. The third problem is teaching and learning can not be synchronized. Familiar with teaching object, the faculty teaching design is very important. However, faculty research before the curriculum, class feedback and the end of the course discussion, often only look at the surface, there are few whole process faculty members to participate in students' life and study. Sergeant students want to get what from this course, what is the most effective, the most practical, today how much students have mastered this content, master the content of how many students, and so on, were all teachers cannot rely on to understand and grasp in the class. The teachers "teaching" and the phenomenon of sterility, and the so-called education is to teach and concentrated reflection, in a teaching unit, students are exposed to the most is the faculty and the matches teams do, if a faculty member in charge of teaching, only rely on the matches dry alone to education, it is impossible to meet the requirements of petty officer education of high quality, high technology, manages the sergeant talents, because team dry only responsible for 8 hours outside of the student management, the faculty responsible for 8 hours of student management, but also in educational idea and way of the two can make a big difference. That education is not only short of petty officer education requirements, at the same time also can cause faculty "teaching" and students learning cannot be synchronized.

2.3. Military Vehicle Structure Actual Combat Melt the Realistic Problem of Teaching Pattern

My training of military automobile scholar official talent is to rely on college basically, however the teacher employee of college have army experience lose very much, there is such a investigation, especially professional more strong teacher troops: Certain school automobile special field is totally 54 persons, 20 persons are to come from the college of armed forces, 30 persons are to come from local university, it is the what passes through army and school exchange to have 4 few persons only and comes. Evidently want a hall that lets have no teacher organization of the experience of actual combat to have actual combat the lesson that melts, is very difficult. The professional knowledge of teacher troops is out-of-date. The development of world vehicle technology can say is rain rear

spring bamboo, it is such that developing the army with especially rapid speed and military me turn to equip technology, especially the R&D of 3 generation army with match hair use. Reality does not be, the teaching vehicle for example certain school object is army still will soon supersede, such realistic problem, from how to guarantee the professional knowledge of teacher troops update. Teaching information resource is updated slowly. Now, vehicle emulation technology is very high, can make some and complex through emulation teaching, heavy component or system, image displays visually to student, however, the development of the emulation software of each kind of vehicle type is lost very much; Wireless projection technical and network technology utilize teaching on also lose very much. Actual combat melts to ask that teaching makes combat effectiveness, teaching how to promote combat effectiveness, it is larger that the IT means of advanced use make teaching effect get, student grasps, is more just crucial quickly.

2.4. Military Vehicle Structure Actual Combat Melt Teaching Pattern

Course standard from the teacher troops of the experience of actual, devise the common fault site scene in the actual combat that becomes always of vehicle structure. Then, know interlude scene to draw forth the related structural and working principle that becomes always as well as the method of trouble removal. And then compile to suit actual combat the course standard that melts. Course is implemented mainly with the teaching of open country, theoretical teaching carries out professional knowledge for increasing professional teacher troops strength vigorously and imitating way through the actual combat and teaching of bottom class to study. Actual combat melt to design the fuel supply department of the engine of example. The First, actual combat melt teaching pattern in give a course to prepare stage, 10 groups of student takes out to take, is lesson teacher, then is lesson teacher pass will the oil of fuel case the way of taking out dry and obstruction air filter completely the installation site scene of actual combat; Give a course stage, is lesson teacher to lead this group student solution fault problem, in solving breakdown in process, through advanced information means manage explain the structural and working principle of fuel supply department. The actual combat of clutch melt teaching pattern in give a course to prepare stage, 10 groups of student takes out to take, is lesson teacher, then is lesson teacher pass will clutch driven plate take the way installation site scene of actual combat; Give a course stage, is lesson teacher to lead this group student solution fault problem, in solving breakdown in process know untie and assemble the demonstration of clutch explain, let student understand and grasp the structural and working principle of clutch. The three, engine the comprehensive actual combat that lectured really melt teaching pattern in give a course to prepare stage, 10 groups of student takes out to take, is lesson teacher, then is lesson teacher pass will the piston installation after ring takes out go to original engine the installation site scene of actual combat; Give a course stage, is lesson teacher to lead this

group student solution fault problem, in solving breakdown in process, through leading student, take apart the demonstration of the installation that packs engine as well as piston ring to explain, let student synthesize to grasp the structural and working principle of engine two big organization and 4 big departments.

2.5. The Course System Reform

Modern vocational education and academic education's biggest difference lies in the traditional educational objectives and training model, while the petty officer education objective orientation of vocational education, but did not keep up with the training mode, still left the shadow of the record of formal schooling education, such as the implementation of the written form of the teaching materials, teaching, course system, course system, basic it is in the record of formal schooling education integration on the basis of the past, no innovation. Trucks to construct course has the characteristics of vocational education, first, from the perspective of the curriculum system, how to determine the system, this needs us in investigation and discussion, starting from the actual demand, according to the actual set forces at the present stage need talent, then according to the ability training rule of urgently needed talents, the construction of curriculum system. Car both structure is both the basis of professional post and core part, related to the performance, structure must be clear, to cultivate pure technical sergeant talent team.

2.6. Both of Car Course System Construction

Engine structure and covers the system maintenance, and maintenance of the chassis structure, maintenance and maintenance of electrical equipment and comprehensive performance, etc, the construction of the current curriculum content and the actual vehicle forces according to the needs of set up.

3. Conclusion

Future scholar official people will be close to half of the total people of armed forces, can say that scholar official troops is that my army develops the key strength of combat effectiveness. Automobile scholar official people will be close to my 1/3 of the official troops total people of noncommissioned officer, is the important composition part in scholar official, when future army ships, lose with strategy throw send in act very important role., especially the doctor that the scholar official and it of vehicle maintenance and repair equip as automobile ensure the smoothly complete

scholar official of vehicle maintenance and repair of the task of motor transportation is repair Yuan, wartime is more driver, fighting Yuan, commander, this has put forward new challenge for the talent training of the scholar official of vehicle maintenance and repair. Repair the professional knowledge of scholar official to grasp the army combat effectiveness of difference in degree of ability that directly affects wartime, and the professional foundation of maintenance scholar official is military vehicle structure knowledge, therefore study the actual combat of military vehicle structure the teaching that melts the program of the solution of urgent need that is my military automobile scholar official talent to cultivate.

References

- [1] Li Jian-jun: Actual combat melt the thought of a few of teaching in the Zheng work study publication research magazine Vol. 1 (2015), in Chinese.
- [2] Wei Yu-kuan: Armed forces hold a post to educate actual combat melt teaching pattern in The editor magazine of the politics courtyard of Xi'an Vol. 10 (2015), in Chinese.
- [3] He Li-qiu: Study the chemistry of actual combat Yuan hold a post ability in The editor magazine of the Hubei institute of police officer Vol. 6 (2014), in Chinese.
- [4] WeiGuoAi and xiao-lin deng etc: improve the quality of petty officer training thinking in The journal of the air force institute of early warning Vol. 6 (2014), in Chinese.
- [5] Wang Fengwei: strengthening of sergeant students teaching management cadres fine management to know I saw in the rule of law and societ Vol. 2 (2009), in Chinese.
- [6] Jin Qian: theory of armed police sergeant students study the optimization of power system in the science and education wenhui vol. 10 (2014), in Chinese.
- [7] Lv Zhanguang and Guo Xiao: learning guide type teaching method in petty officer education in the application of education technology and equipment vol. 12 (2012), in Chinese.
- [8] Guo Xuedong: about petty officer education teaching mode innovation thinking in the new curriculum research vol. 1 (2012), in Chinese.
- [9] Xie Haijun: to the analysis of practical teaching reform of public security colleges in the public security education vol. 11 (2015), in Chinese.
- [10] Li Fajun: The combat vehicles air conditioning system teaching analysis in the journal of the air force institute of early warning vol. 8 (2015), in Chinese.