

**IMPROVEMENT OF SYSTEM STUDIES STUDENTS
OF HIGHER SOLDIERY EDUCATIONAL ESTABLISHMENTS
FROM FIRE PREPARATION**

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The process of modern studies requires from scientifically-pedagogical workers (SPW) permanent comprehensive development and use in the educational process of the newest technologies and methods of studies.

A man gets information a few methods by means of sense-organs. She have visual and auditory perceptions of information, which require permanent perfection and training, most developed. For activation of comprehensive cognitive activity, it is possible to involve other mechanisms, for example: abstract thinking process - by the use of facilities of evidentness (virtualness) in studies; process of perception - by getting up of the emotional state; process of attention - by the individual going and bringing in near independent work; a process of memorizing is forming of reflexes of sequence of implementation of actions, due to frequent reiterations.

Coming from it, studies are after fire preparation, where material is by means of the use of the real standards of weapon and overall-gravimetric models, computers and projectors for the show of sliding seats, films or virtual programs, held with the higher coefficient of mastering.

Acquisition of strong knowledge of materiel of weapon, abilities and skills of implementation of receptions and rules of firing from her, arrived at by students on all types of employments after fire preparation, and rises on the rifle training. However, reviews from parts, which act on young lieutenants, and long-term analysis of realization of employments after fire preparation, specifies on weak theoretical and practical preparation of students.

Implementation of individual tasks gives to the student possibility in further correctly to prepare данні for firing, to check and bring a weapon over to the normal fight, promotes knowledge of materiel of weapon, receptions and rules of firing. The sequence of implementation of individual tasks, what students, must work and accounting for them, certainly by the executable code of educational discipline "Fire preparation".

On employments SPW explain personalities of implementation of individual tasks students and specify in what terms they must be worked and protect. During the 5-и years of studies every student must produce 20 practical works from which one control and two calculation-graphic.

This variant of realization of practical employments after fire preparation, gives possibility of SPW up to a point high-quality to conduct employment, and to the students consciously to promote the level of theoretical knowledge. Permanent control after the exposure of weak parties of theoretical preparation, gives possibility of SPW anymore to spare attention to the questions which not in a complete measure or in general not mastered.

However, one of problems, which for today exists in fire preparation, as to the important constituent of military-professional preparation of future soldiery specialists with higher education, there is impossibility of man to imagine the trajectory of flight of bullet in three-dimensional space, and the more so yet and influence of weather terms on her rejection. To our opinion, there is a necessity Tom for development and introduction in the educational process of complex of the educational-training computer programs.

An idea which is offered consists: at first, in creation of computer software, which will allow to study materiel of weapon, id est evidently to show her parts and order of sorting out in three-dimensional space; secondly, to create the virtual terms of firing from the basic types of small-arms; thirdly, to bring a weapon over to the normal fight; fourthly, to carry out the evaluation of level of knowledge and abilities of students, by means of the electronic testing.

Except that, it is important to mark that the complex of the educational-training computer programs also must contain a background paper from history of creation of weapon; theoretical material, for the study of structure of weapon; auxiliary material is for scientifically-pedagogical workers taking into account the modern requirements of leading documents; a task and examples of their implementation, sliding seats and video films, are from corresponding themes.

Such approach carries system character of methods of studies which will promote :

- to upgrading of realization of lessons;
- to the best mastering by the students of bases and rules of firing, to the increase of level of knowledge of materiel and ballistic data of small-arms, acquisition of hard practical skills of dataorigination for firing.