

**MANAGEMENT OF STUDENTS INDEPENDENT WORK BY  
DEPARTMENT OF OC & LP**

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The independent work (IW) of students is an essential portion of educational process. The independent work, besides mastering a discipline, in general, is intended to form a set of skills for further professional activity, in ability to take responsibility, to find an exit from crisis situation and so on.

Certainly, a newly graduate expert is expecting to comply with knowledge, competency and professional skills. Besides those requirements, the exercising of research and evaluation skills for nonstandard tasks resolution is very important today. This experience is forming by the course of student's independent work.

One of the higher school distinctive features is degree of independence of trainees. A tutor organizes cognitive activity, a student carries out knowledge. The independent work completes all types of studies. The world acknowledged average time ratio for classroom work and student independent work is hovering at about 1:3,5.

The OC & LP Department provides several types of independent work.

They are:

- lectures preparation;
- practical training;
- laboratory works;
- tests, examinations;
- graphic works rendering;
- term designs;
- and, at the finally stage, - the implementation of the Degree Project.

The OC & LP Department instructors support their lectures by references and instruct the students how to work with textbooks and primary sources, also, instructors do assign the key sections for student's independent study. The IW would be more effective if students work in couples. Instructors of department do practice small group assignments for practical training in effort to increase efficiency of cognitive activity of students by mutual control. During the group individual work there is the group's self-examination, subject to the subsequent correction by the teacher. This is a very important link of independent educational activity.

Practical training classroom works for disciplines of the department are focused on improvement of student's abilities for search of optimal alternatives, solution

evaluation and decision making. The IW supported by the basic didactic materials to adjust student's independent activity and improve its quality.

The staff of the department develops:

- tasks for individual work;
- methodical instructions for laboratory works;
- design and graphic presentation works;
- topics of term papers;
- list of mandatory and supplemental references.

The department complies with conditions of effective performance for independent work.

There are created:

- motivation of an educational task;
- accurate set up of an informative task;
- clear vision of ways for rendering (algorithm);
- clear instructor's definition for the reporting forms, scope of work, term of its representation;
- consulting for carrying out adjustment, subjective and problem solving;
- evaluation criteria.

Tutors of the department in the leadership of student's independent work adhere to an algorithm:

- teaching of independent work during lectures, a practical training, and within consultations;
- management of independent work (assistance in efficiency and quality of work);
- control of independent work (through control and test actions);
- correction of independent work (for group and individual).

From psychologists' researches, it is known, that the main complexity for students consists with independent selection of the substantial material which is subject to assimilation (70% of first-year students do not use reception of systematization of material for the best understanding).

The priority task of the instructor is to instruct the student how to study. Students of older years are adapted to training. It is advisable to organize at this phase of study the independent work so that gained knowledge became their original property. The department forms different types of individual independence not only as set of skills, but also as the trait of character playing an essential role in structure of the identity of the modern expert with high level qualification.