

# On Organizing and Supervising the Independent Work of Drawing Geometry Guidelines and General Rules

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## Annotation

This article discusses the effectiveness of drawing geometry lessons and ways to increase students' interest in this subject. Also, the methods and game technologies that can be used in the course of the lesson and the organization and control of independent work are shown through examples. It has been shown that it is possible to develop the creative abilities of students through independent education .

**Key words:** drawing geometry, creative ability, methodology, independent education, didactics, didactic games, instructional tools, instructional skills, independent work, type, form

## Introduction

This procedure is based on the Decision No. 824 of the Cabinet of Ministers of the Republic of Uzbekistan dated December 31, 2020 "On measures to improve the system related to the organization of the educational process in higher education institutions" and Higher and o It was developed on the basis of the order of the Minister of Special Education No. 311 dated July 16, 2021 "On approval of state educational standards of higher education".

It is known that the independent education of students plays an important role in increasing the importance of the educational process in the credit-module system.<sup>1</sup>

understood as a form of education organized for the purpose of strengthening the knowledge, skills , qualifications acquired in the audience, and developing (private) competences related to science, additional information or independent study of material.<sup>2</sup>

Independent work is an active method of education that solves the educational task assigned by the teacher and under his guidance. Independent work is the organization and implementation of concrete activities of students in connection with the set goal. The student's independent works are activities based on his high level of activity, creativity, independent analysis, and initiative.<sup>3</sup>

## The guideline is based on the following general rules:

□□□ student's independent educational load is an integral part of the educational work specified in the curriculum for mastering a particular subject.

<sup>1</sup> Uralovich T. F. Conducting classes on fine arts based on information and communication technologies //International Engineering Journal For Research & Development. – 2021. – T. 6. – C. 3-3.

<sup>2</sup> Tashimov N. E., Toshpulatov F. U. Activating Students in Building Intersection Line by Quadratic Transformations Method //www. auris-verlag. de.–2018. – 2018.

<sup>3</sup> Toshpulatov F. U. GEOMETRICAL ANALYSIS OF THE ELEMENTS OF ANCIENT GREEK AND PLANT-LIKE (ISLAMIC) MOTIFS //Web of Scientist: International Scientific Research Journal. – 2022. – T. 3. – №. 8. – C. 461-468.

□□□ Student's independent education means a set of educational works carried out in the auditorium and outside the auditorium directly under the guidance of the teacher or in the form of the student's independent study of topics in the subject (module) .

□□□ **Independent education** - a form of education organized for the purpose of strengthening the knowledge, skills, qualifications acquired in the audience and developing (private) competences related to science, independent study of additional information or material.

□□□ **Independent work** is an active method of education that solves the educational task assigned by the teacher and under his guidance. Independent work is the organization and implementation of specific activities of my student in connection with the set goal. The student's independent works are activities based on his high level of activity, creativity, independent analysis, and initiative.

□□□ The type and form of independent work is determined based on the characteristics of a specific educational direction (specialty) and subjects (modules).

□□□ plans for independent study and independent work assignments and instructions for their implementation should be reflected in the working program (Syllabus) developed for the student. It is recommended that educational tasks presented for independent work have a variable description.

□□□ The evaluation of the results of independent education is reflected in the general evaluation system (100 points) of the subject (module) and the points allocated to it are clearly indicated in the evaluation criteria of the working program (Syllabus).

□□□ The size of the study unit (faedit) provided for the independent study of the subject (module) is discussed by the responsible department, approved by the decision of the meeting, and the professor-o The form and type of independent work in the Syllabus drawn up by the teacher should correspond to this decision.

□□□ order to speed up the didactic process, to increase the efficiency of students' independent learning, in the 1st semester of the academic period, tutors, ARM employees periodically organize educational seminars on the procedure for implementing this process (including within the credit week) fit for purpose.

□□□ Independent work assignments and deadlines are strictly defined on the electronic platform. The results of the student's academic activity, who missed the deadline for independent work without good reason, will not be checked and evaluated. Reasonable reasons may be investigated by the dean's office (registrar's office), taken into account by the dean's resolution, and a resubmission period may be set until the final control of the assignment is carried out.

□□□ A student whose results of educational activities on independent education are not evaluated will not be included in the final inspections.

□□□ It is recommended that 1/2 of the intermediate and final control questions on the subject (module) be based on the topics recommended for independent study.

□□□ student's independent works are not monitored during the course load of the subject (module). A student can get advice offline or online during the contact hours specified in the work program (Syllabus) .

□□□ for the student to comply with academic and ethical requirements (not to be prone to plagiarism, to have a tolerant relationship with professors and students, to work in small groups, to be responsible) while completing independent work assignments .

□□□ Independent work tasks performed by students in connection with the subject (module) should have a variable description. 1/3 of the independent assignments should be designed for cooperation in small groups .

□□□ Subjects and independent work tasks offered for independent study should be determined taking into account the number of credits allocated to the subject (module) and the student's time budget.

□□□The independent work assignments uploaded by the student to the electronic system (platform) must be checked by the professor and the result should be reported to the student within a specified period.

□□□The professor-teacher must give advice and practical recommendations based on the student's application for independent work during the contact time specified in the working program (Syllabus) of the subject (module).

□□□During the period of re-mastering the subject (module), while maintaining the general workload provided for in the curriculum, the ratio of classroom and independent study hours can be up to 30/70 by the decision of the department.

□□□□case of objections to the points assigned to independent work, the student should apply to the dean's office (registrar's office) through the electronic platform within 24 (twenty-four) hours (1 day) after the end of the specified period. possible In this case, the appeal commission formed by the head of the department should appeal the results of the student's independent work within 2 (two) working days and present the conclusion based on the student through the electronic platform.

□□□Students whose studies have been transferred or resumed will master the unmastered subject (module) in the order of re-studying. As an exception, academically different subjects (modules) in which the load of the subject does not exceed 6 (six) credits per semester can be mastered in the form of 100% independent education according to the student's application and with the dean's approval.

## Conclusion

If the teacher's training, that is, his knowledge and pedagogical skills were always at the required level, and the student's interest, concentration and memory were always at a high level, it is possible to achieve a high result even when using any method in the educational process. was But these indicators are rapidly changing, and conducting the pedagogical process taking into account these changes is one of the most necessary conditions. Otherwise, the intended goal of the educational process can not be achieved . It is convenient to make models of geometric surfaces from foam plastic or wood. Then it becomes easier to make elements such as holes, grooves, grooves in them. This creative design , before starting independent education, the teacher divides the views of the selected detail into geometric surfaces, and with the help of the students and the cooperation of the labor teacher, their free time can be purposefully spent.

With various didactic game technologies in the educational process, we can independently increase the interest of students in this subject, and we can achieve the development of students' potential . We should also develop effective ways of teaching while maintaining the above-mentioned order and discipline.

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