# Technologies for the development of professional competencies of students of Higher Education

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**Annotation:** the article covers such issues as a number of possibilities of effective technology project technology used in Higher Education, Project technology components recommended for use in the educational process, the tasks of professors and teachers of a higher educational institution when teaching the use of technologies.

**Base concepts.** Technology, friendly attitude, information, component, Independent Education, competence, educational activity, pedagogical opportunity.

Today, at each stage of continuing education, various design options are used. Especially in the process of Independent Education of future logopeds, we cite the views of a number of scientists on this approach, finding the design option based on cooperation as the most effective.

The use of Project technology in higher education has a number of opportunities in the preparation of future speech therapists for professional activities. In the application of Project technology in general, the American scientist J.A. Dyu's special place is occupied by theory of pragmatism.

Uzbek scientist J.Boronov's book" technologies of collaborative learning "it is written:" through collaborative learning, a process of quality education arises, which is based on the priority of friendly relations between the student, teacher and administration." From this opinion of the scientist, it can be concluded that in the effective organization of Independent Education of students, great attention should be paid to creating or designing an atmosphere of friendliness.

Based on the data we studied in scientific and theoretical sources, we summarized a number of possibilities of Project technology. As a result, the project technology, which is recommended for use in the development of professional competencies of future logopeds, in particular, in the process of Independent Education, includes the following main components:

- 1. Allowing to visualize the form and content of the work that the student must do, that is, the imposition of the initial problem.
- 2. Analysis of the problem posed, providing information about the necessary information, scientific sources that provide its solution.
- 3. Setting partners and experts. In this process, basically, the teachers of the institution where the students undergo pedagogical practice can be as partners, the teacher of the higher educational institution where the module is taught, or the teaching staff designated from the dean's office can be experts.
- 4. During the implementation of the project, it is necessary to foresee the obstacles, problems that students may encounter and take the necessary measures in their elimination.
- 5. Assessment of the awareness of the problem under study by the project executor. Through this process, the final result of the project can be changed to the content or form. Because the student, from the point of view of his worldview, analyzes the form of project implementation and the scale of the content. If his analysis is in doubt about the fulfillment of tasks in predetermined plans, it will be possible to reshape the problems.
  - 6. Who is planned to be able to work in partnership with.
- 7. Operational diagnostics and monitoring. In this case, the teacher of a higher educational institution and the student analyze the steps schematically, having made a series of quick reviews of

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their plans. As a result, the teacher of a higher educational institution brings to the eye the student's potential in relation to the implementation of the project he planned in the process of Independent Education.

- 1. The design by the teacher of a higher educational institution of Independent Education of students according to the module" speech therapy " was also chosen as an effective mechanism in achieving the expected results. That is, we also used the types of work that teach the design of classes in the seminar program, which we prepared for teachers of a higher educational institution. (The Seminar program is brought in 3 applications). As a result, we achieved the development of competencies of teachers of a higher educational institution for the use of Project technology in their activities. In this, we have separated for teachers of higher educational institutions the principles that should be paid attention to in the process of Independent Education of students. They are as follows:
- 2. 1. Orientation of the content of Independent Education to the future speech therapist. It was taught to take into account the specific age and psychophysiological characteristics of each student, to focus on creating a comfortable working environment for them.
- 3. 2. The view of tolerance skills as a priority aspect in the content of Independent Education. In addition, under this principle, the task of forming skills and abilities for an analytical attitude towards a speech problem is solved.
- 4. 3. Cross-orientation of Independent Education. As a result of the tasks performed under this principle, future speech therapists realize the importance of moving from diagnostic activities to communicative activities, from correctional activities, from developmental activities, and from them to life situations of children with speech impairments.
- 5. Among the principles listed above, the orientation of Independent Education to the student's personality is important in the content of motivation for research in students. The project technology, which is recommended to be used in the process of Independent Education of future logopeds, is suitable for the labor market, has its own position in any situation, is able to make a significant contribution to the development of the state and society, is able to apply Correctional-compensatory skills, provides for the training of mature people of their profession.
- 6. In teaching future speech therapists the use of Project technology in the process of independent education, we allocated the following tasks for professors and teachers of higher educational institutions:

The use of all stages of educational and cognitive processes in teaching students to design their actions in the process of Independent Education and their analysis from a defectological point of view. In particular," cognition "(assimilation of Information)," Explanation "(awareness of information, separation of its main idea)," application in practice "(application of assimilated information in new situations)," Analysis "(Analysis of the achieved results, dismemberment)," synthesis "(incarnation of results in the center of a particular idea)," summary " (justification of the possibility of making final hulses, in what order and forms Blum's taxonomy was used to form specific steps to the listed learning-knowledge processes.

7. Interpretation on a didactic basis of teaching methods and technologies related to the content of independent education, as well as educational elements included in them from a defectological point of view. In this case, there are such stereotypes in practice that, for example, the approaches "how the presented technologies are, so that they are applied, without changes" reduce the creativity of teachers of a higher educational institution. This flexibility necessitates adding new elements to certain technologies and methods based on industry characteristics. In design technology, however, any approaches are adapted depending on which area they are used in.

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8. Based on the results obtained in the process of independent education, it is required to carry out systematic, algorithmic and pedagogical activities of future speech therapists, periodic correction of targeted behavior, development of certain areas. It requires the teacher of a higher educational institution to consider the work performed by each student, as well as make the necessary adjustments without reducing his interest. Most importantly, it is desirable that the teacher of a higher educational institution rely on approaches that do not quench the professional motivational aspiration of the student.

When teaching future speech therapists to use project technology in the process of Independent Education, the learning environment should be guided by regular, situational, developmental and analytical foundations according to its description.

In order to ensure the effectiveness of the independent educational process, the desire of the teacher of a higher educational institution and future speech therapists, orientation in their profession, awareness of professional actions, activity have found their proof in practice. However, from our observations it became clear that the traditional learning environment regarding the module "Speech Therapy" and the methods and means used in it are somewhat slow to abandon the tools of the OTM teachers. As an important factor in preventing this situation, we considered the interaction of teachers and students as a goal orientation, and developed a number of recommendations in this direction.

To prepare future speech therapists for professional activities through the use of Project technology in the process of independent education, it is necessary to carry out:

- a) build mutual trust and friendly relations between students and practicing teachers;
- b) creating a comfortable working environment for students to succeed;
- C) submission of the address of educational materials intended to be mastered during the period of Independent Education;
- g) harmonization with students 'knowledge, personal experience, orientation to practice in each task.

Important pedagogical conditions are considered to correlate the components of the pedagogical process, such as the choice of teaching methods, teaching, teaching, when teaching future speech therapists to the use of Project technology in the process of Independent Education, to explain their capabilities in achieving the goal.

Thus, in order to teach future speech therapists to use project technology in their professional activities, it is required that the teacher's activities focus on productivity and efficiency at each stage of Education.

Including scientifically analyzed the development of small business and business, and the legal basis, at this time financially support small business and business, the latter is amended and the rules for this branch of national legislation are added.

Now studying scientific heritage, socio-political activities and acquaintance youth charity of our above-stated ancestors is considered one of the main urgent objectives of the modern intellectuals.

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