

# Forming Technological Competence

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**Abstract**— *The following article discusses the study of technological competency, its role in enriching professional knowledge and skills in using modern information communication technology as well as applying them in teaching process.*

**Keywords**— competency, proficiency, ability, professional knowledge, habit, interactive method.

## 1. INTRODUCTION

In the new socio-economic environment, the training of technology teachers is an important task in achieving the formation of professional competence and its specific qualities. Technological competence is one of the most important qualities, based on proficiency, which literally means “ability”, which means the effective use of theoretical knowledge in practice, the ability to demonstrate a high level of professionalism, skill and talent.

Technological competence considers the development of modern information, communication and advanced pedagogical technologies that enrich professional knowledge, skills and abilities, and their use in the educational process.

## 2. MAIN PART

The general content of the process of achieving educational goals of educational technology encompasses the gradual implementation of the new pre-designed educational process on the basis of an integrated system, the development of specific methods, techniques and tools to achieve a specific goal, their effective use and high level of management of the educational process.

In this article, we will focus on the role of educational technologies in the formation of technological competence in future technology teachers (students).

One of the important elements of pedagogical technologies is that interactive methods teach students to think, express themselves freely, listen to others, summarize and analyze ideas, create creative projects, analyze and solve specific problems. It serves as a foundation for his preparation for independent living, professional skills, and the effective acquisition of skills.

Active involvement of the student in the interactive educational process helps him / her to acquire important life skills. In the process of interactive learning, the student understands the strengths and capabilities of the team and teaches them to value it; understands that the group must fight together with teammates, teammates for the benefit of the team, teaches to help each other in the most difficult, complex situations, to support each other, to understand, to empathize. He or she never feels that the group (social environment) will not make any success without the impact of teamwork.

The role of educational technologies in increasing student learning depends on certain factors. They are:

- Active student participation;
- The impact of interactive methods on student emotions;
- The relevance of the study material to the student's age, level of knowledge, life experience and capabilities;
- Multifaceted positive impact on the student's personality;
- Provision of feedback between the student and the student group, the teacher;
- The ability of interactive methods to cultivate personal thinking and attitude in the student;
- The ability of interactive education to develop life skills in students;
- The ability of interactive methods to change student behavior

As a result of the use of pedagogical technologies in the educational process, working in small groups, active participation in training, role and business games, research and solution of various educational problems, watching movies and group discussions, students acquire the following skills:

- Creative works (scheme, image, table, layout, module, essay, article, business plan, etc.);
- See the capabilities of the team;
- Preparation of mini-reports;
- Creating projects;
- To express opinions on pedagogical problems;
- Finding solutions to pedagogical problems.

Thus, the learning and production activity of students in higher education, although it seems to represent two separate process states, is an indicator of the behavior that occurs in a whole process, based on the mutual integration between them. The emergence of learning and production activity in students represents, on the one hand, the effectiveness of education, and, on the other hand, the product of the results of pedagogical activity aimed at its creation. The formation of educational and production activity of students in higher education institutions indicates the training of qualified personnel in the conditions of market relations.

The formation of educational and production activity in students in the field of technology education in higher education is a complex psychological phenomenon, which manifests its peculiarities.

Technology education provides a wide range of opportunities for science-aware students to effectively master teaching and production activities. Pedagogical technologies help to increase the learning activity of students. Therefore, it is necessary to pay attention to this aspect of the organization of the educational process.

### 3. CONCLUSION

Thus, special attention should be paid to the composition of technological competence in the formation of professional competence and its inherent qualities in future technology teachers, the correct choice of certain methods to achieve a specific goal in the educational process, the method and the development of a system of tools, their effective use, and the formation of the ability to organize and manage the educational process at a high level.

### 4. REFERENCES

- [1] Muslimov N., M. Usmonboyeva The principles of pedagogic competence and creativity. Tashkent.; 2015
- [2] Muhidova, O. N. Methods and tools used in the teaching of technology to children // ISJ Theoretical & Applied Science, 04 (84), (2020), 957-960.
- [3] Muhidova Olima Nurilloevna. FORMING TECHNOLOGICAL COMPETENCE USING VISUAL TOOLS IN TECHNOLOGY LESSONS // ACADEMICIA: An International Multidisciplinary Research Journal. Vol. 11 Issue 1, January 2021, 852-855
- [4] Muhidova O.N. Development of creative abilities in technology lessons // INTERNATIONAL JOURNAL OF DISCOURSE ON INNOVATION, INTEGRATION AND EDUCATION. Vol. 2 No. 2 (2021), 119-122
- [5] Halimovna, K. S., Nurilloevna, M. O., Radzhabovna, K. D., Shavkatovna, R. G., Hamidovna The role of modern pedagogical technologies in the formation of students' communicative competence. // Religación. Revista De Ciencias Sociales Y Humanidades 4 No. 15 (2019): Special Issue May 261-265.
- [6] Uzokov O.Kh., Muhidova O.N. Factor determining the efficiency of innovative activities of a teacher // INTERNATIONAL JOURNAL OF DISCOURSE ON INNOVATION, INTEGRATION AND EDUCATION. Vol. 2 No. 1 (2021), 81-84.
- [7] O.H. Мухидова. Компетентностный подход к развитию профессиональной деятельности учителя // Вестник науки и образования 97 (№ 19 (97).Часть 2), С 88-91.
- [8] Мухидова О.Н. Электронное обучение в высшем образовании // Вестник магистратуры, 1-5 (100) 2020 С 43-44.
- [9] Кулиева Ш.Х., Расулова З.Д. Формирование профессионально-педагогической компетентности будущих специалистов на основе информационных технологий // Молодой учёный, 2016. № 8 (112). С. 977-978.
- [10] Кулиева Ш.Х., Расулова З.Д. Инновационная деятельность педагога в образовании // Молодой учёный, 2016. № 8 (112). С. 978-979.
- [11] Кулиева Ш.Х., Каримова М.Н. Использование современных дидактических средств в обучении специальных предметов // Педагогические науки. Москва, 2015. №1. – С. 85-89.
- [12] Кулиева Ш.Х. Интенсификация процесса проектирования одежды // Молодой учёный. Казан, 2016. № 9 (113). -С. 193-196.
- [13] Кулиева Ш.Х. Методологические основы системного подхода при подготовке учителей // The Way of Science. № 5 (39) ,2017. - С.66-67.
- [14] Аноркулова Г.М., Кулиева Ш.Х., Расулова З.Д. Методологические основы системного подхода при подготовке учителей профессионального обучения // Молодой учёный. 93:13 (2015). Стр. 588-590.
- [15] Аноркулова Г.М., Кулиева Ш.Х., Расулова З.Д. Модель подготовки учителей профессионального образования на основе системного подхода // Молодой учёный. 93:13 (2015). Стр. 590-592.
- [16] Кулиева Ш.Х., Хамроева Х.Ю., Расулова З.Д. Учебный процесс как педагогическая система в процессе подготовки учителей профессионального обучения // Молодой учёный. 56:9 (2013). С. 383-385.
- [17] Кулиева Ш.Х. Подготовка учителей профессионального образования на основе системного подхода // Scienceandworld. № 5 (45) , 2017. -С.70-72.
- [18] Кулиева Ш.Х. Содержание эффективности и качества подготовки будущих учителей трудового образования // Наука без границ. № 7(12)/ 2017. - С.95-98.