

Pedagogical Activity of Future Informatics Teachers

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Annotation. this scientific article is about competencies that are important for a teacher of Informatics, which refers to the qualities of professional-pedagogical competence, skill, professional competence, their importance. It also describes the ideas about the specific aspects of the competencies in question.

Key words: state educational requirements, competence, competence, professional competence, professional competence qualities.

In the decision of the president of the Republic of Uzbekistan "on measures to further improve the educational system in the field of Information Technology, develop scientific research and integrate them with IT industry" dated October 6, 2020, PD-4851, "improving the quality of education in Informatics and information technology disciplines in general educational institutions was established as an urgent task. The successful implementation of these tasks is directly related to the professional and pedagogical skills of teachers of informatics, their qualities of professional competence. In the following years, due to the reforms carried out in our country, the focus on increasing the continuous qualification of science teachers has become more intense, and as a result, in the following years, a huge number of decisions and sub-legislative acts have been adopted in this regard.

In particular, the decree of the Cabinet of Ministers of the Republic of Uzbekistan dated January 17, 2022 "on the approval of the regulation on the regulation on the organization of the system of continuous professional development of public education employees" dated January 25, 2022, developed state educational requirements for the content and quality of training and training of public education system. These documents serve as an important guideline, especially for teachers of Informatics. It is known that competencies presented in state educational requirements are of paramount importance for an informatics teacher, since it is the general and private competencies described in it that serve to form a teacher of Informatics not only as a teacher, but also as a mature frame before an educational institution that can set urgent goals for its specialty and determine effective ways. There are also a number of competencies mentioned in the state education requirements that each computer science teacher will play an important role in the future. One of them is professional-pedagogical competence, this competence gives teachers the opportunity to organize classes, solve problems, design activities, react communicatively, flexibly and creatively in many cases, have the competence to apply theoretical knowledge, practical skills and qualifications in pedagogical activity, understand students, inspire them, actively

involve them in the educational process, regardless of their abilities.

Under the influence of the changing labor market, the acceleration of development, the globalization of the information environment, the requirements for a graduate of the school continue to be complicated. In this regard, when organizing its activities, it is necessary that the computer science teacher not only takes into account the requirements of today's period, but also prepares students for the requirements of tomorrow. Of course, in the second half of the 21st century, it is difficult to accurately predict how life will go, What knowledge will be needed in a time of intense development and change. Therefore, an informatics teacher should develop the ability to give students knowledge, as well as develop independence, initiative, Cooperation, be able to realistically assess the situation, think logically, sort out information and use it wisely, form the characteristics of quick accessibility and be able to constructively adapt to any changes. This urgent task ahead of us assumes a more comprehensive application to life of personality-oriented education, aimed at the formation of an independent life position, social activity, high mental and spiritual potential. To do this, it is important that every computer science teacher operating in educational institutions has appropriate competencies and professional competence. It is known that competence is the ability and ability to apply to practice the set of theoretical knowledge, practical skills, qualifications and personal qualities obtained, competence is a characteristic quality of a person who is a skilled owner of his profession corresponding to a particular position, that is, competence is the effective use of theoretical knowledge in activities, the ability to show a high level of professional In the context of market relations, resisting strong competition, which is a priority in the labor market, requires each Specialist to have professional competence, to consistently increase it. So what qualities are reflected on the basis of professional competence? What competency qualities should a teacher of Informatics be able to crack in himself? At the same time, the same and related ideas are mentioned. The professional competence of the teacher is the acquisition by the teacher of the knowledge, skills and qualifications necessary for his professional and pedagogical activity, and the ability to apply them at a high level in practice. The professional competence of an informatics teacher makes it necessary to constantly enrich the knowledge of the specialty, learn new information, be able to understand important social requirements, seek new information, process them and apply them in their activities.

Professional competence of an informatics teacher is evident in such cases:

- in complex processes, the clock;
- in the performance of ambiguous tasks;
- in the use of contradictory information, the citation states;
- in being able to have a plan of action in an unforeseen situation. Teacher of Informatics with professional competence:
- the science-specific and pedagogical-psychologicbillim are consistently enriched;
- seizing new information;
- the moment is deeply aware of the demands of the period;
- search for new knowledge;

➤ It processes them and effectively applies them in its practical activities.

The following qualities are reflected in the professional competency of the computer science teacher:

1. Social competence is the ability to show activity in social relations, the possession of skills, and access to communication with subjects in professional activities.
2. Special competence is the preparation for the organization of professional and pedagogical activities, the rational solution of professional and pedagogical tasks, the real assessment of the results of their activities, the consistent development of knowledge, skills and competence, on the basis of this competence, psychological, methodological, informative, creative, innovative and communicative competence is put into play.

They express the following content in themselves:

- a) psychological competence –able to create a healthy psychological environment in the pedagogical process, organize positive communication with students and other participants in the educational process, be able to timely understand and eliminate various negative psychological conflicts;
 - b) methodological competence – methodically rational organization of the pedagogical process, correct definition of forms of educational or educational activity, ability to choose methods and tools for their intended purpose, effective application of methods, successful application of tools;
 - c) informational competence – the search, collection, sorting, processing and their targeted, appropriate, effective use of necessary, important, necessary, useful information in an information environment;
 - d) Creative competence-a critical and creative approach to pedagogical activity, being able to demonstrate that it has skills of creativity;
 - e) innovative competence-promotion of new ideas on improving the pedagogical process, improving the quality of education, improving the effectiveness of the educational process, successfully applying them to practice;
 - f) Communicative competence is the ability to communicate sincerely with all participants in the educational process, including students, to be able to listen to them, to have a positive effect on them.
3. Personal competence-to consistently achieve professional growth, increase the level of qualifications, show their internal capabilities in professional activities.
 4. Technological competence-mastering advanced technologies that enrich professional-pedagogical knowledge, skills and skills, being able to use modern tools, techniques and technologies.
 5. Extreme competence-in emergencies (natural disasters, in which the technological process has failed), rational decision-making in the event of pedagogical disputes, possession of the right motor skills. Knowledge of methods that develop logical and critical thinking skills in students is one of the factors that demonstrate the professional competency qualities of a teacher of Informatics. Also, in obtaining professional-

pedagogical competence, it is important to work on the teacher of Informatics himself, self-development. Self-development tasks are determined by self-analysis and self-assessment. So, a huge number of factors influence the teacher of Informatics in increasing professional competence.

In conclusion, the qualities of professional competence listed above serve as an important factor in improving the professional skills of a teacher of Informatics.

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