



TECHNICAL EDUCATION SYSTEM OF TEACHING SPECIALIZATION: DEMAND AND SUPPLY

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Annotation

the article examines the need for the formation of skills necessary for the 21st century in the process of training specialists in technical higher education institutions, the requirements for specialists are studied with the help of normative documents, students are studied for pedagogical competences in developed countries and the world community, and it creates the ground for the formation of these skills in the training of teachers of specialized subjects. Thoughts and opinions about subjects and their contents are given.

Abstract

the article explores the need to develop the skills necessary for the 21st century in the process of training specialists in technical universities, studies the requirements for specialists with help of regulatory documents, studies the pedagogical competencies of studies in developed countries and the world community, presents subjects that create the basis for the formation of these skills in the training of teachers special disciplines and suggestions for their content.

Key words

technical education system, specialist subjects, competence, special pedagogical competence.

Professional qualification refers to the skills and qualifications of a science teacher in a special field. The second part of their qualifications refers to the field of professional pedagogical knowledge and includes psychological and pedagogical qualifications. Because the educational process is not only based on imparting knowledge, but is inextricably linked with the psychology of education and upbringing. In addition to professional and pedagogical skills, teachers of technical education and specialized subjects must also have personal and social skills [6].

Until the 20th century, the education system mainly focused on providing young people with "hard skills". That is, through mastery of a particular profession, complete assimilation of its secrets is noted as the main factor determining that a person is a mature specialist. The International Commission on Education set four priority goals for education in the 21st century period of science and technology development: to live, to understand, learning to do and learning to live, understand and do together. At the moment, influential international experts in the field of education are proposing the harmonious introduction of two types of skills into the educational process. These are: "Hard skills (English. "hard" qualification) professional qualifications and "Soft skills" (eng. "soft", "adaptive" qualification) universal competences. speaking a

language, mathematical knowledge, ability to use computer programs), “soft skills” are noted as flexible, flexible skills (creativity, team work skills, emotional stability, etc.) that do not have a clear and common measurement unit [3].

Personal skills include: self-discipline, personal creativity, responsibility, etc. Social skills include organizational skills, relationships with students, relationships with the team. In addition, they must have leadership skills. Because the competent approach, which is an important aspect of specialization, depends not only on professional knowledge, but also on the ability to apply it in practice, creative and practical skills [4].

According to the Regulation on Master’s degree, a master’s degree can carry out activities such as scientific-pedagogical and scientific-creative, management in production.

Article 46 of the new version of the Law “On Education” adopted on September 23, 2020 clearly defines the obligations of pedagogical staff [1],

Teaching staff:

to respect the dignity, value and business reputation of the participants of the educational process; educational activities Quality control;

from information and communication technologies, teaching and use of advanced and innovative forms and methods of education; to take into account the psychological and unique characteristics, physical and mental health, physiological development of learners, to comply with the charter and (or) other founding documents of the educational organization, the rules of the internal work procedure; to regularly improve his qualifications, to pass periodic attestation in terms of suitability for the position he holds; must undergo a medical examination on time.

Laws of the Republic of Uzbekistan “On science and scientific activity”, “On science and scientific activity”, “On innovative activity” and On the basis of the concept of development of science in the Republic of Uzbekistan until 2030, its own scientific-pedagogical and innovative to carry out activities, to commercialize the results of education, science, innovation and scientific research based on the concept of “University 3.0” in higher education institutions, to develop oneself as a researcher, to publish scientific and technical databases, and to have competencies to improve one’s scientific activity it is shown that it is necessary and [2]:

- Regularly improving the curriculum and programs of this educational stage in order for master’s students to have the ability to carry out scientific research, pedagogical activity, management, critical thinking and systematic analysis at a high level;
- Ensuring the strong integration of modern information and communication technologies and educational technologies, creating additional conditions for the continuous development of the professional skills of teaching staff in this regard;
- Expanding coverage with higher education, higher education improving the quality of training of specialists
- Gradual grant of academic independent study hours, students independent education, critical and creative thinking, systematic analysis, formation of entrepreneurship skills, introduction of methods and technologies aimed at strengthening competencies in the educational process, directing the educational process should meet international educational standards it is emphasized that it is necessary to widely introduce advanced pedagogical technologies, educational programs and teaching-methodical materials.

Special pedagogical standard 1 includes the following.)

1) PSYCHOLOGICAL COMPETENCE 2/5 I am healthy in the pedagogical process to create a psychological environment, to organize positive communication with students and other participants of the educational process, to be able to understand various negative psychological conflicts in time and overcome;

2) METHODOLOGICAL COMPETENCY is - methodical of the pedagogical process rational organization, correctly defining the forms of educational or educational activity, being able to choose methods and tools in accordance with the purpose, being able to use methods effectively, using tools successfully;

3) INFORMATION COMPETENCE - necessary in the information environment, searching, collecting, sorting, processing of important, necessary, useful information and using them purposefully, appropriately, effectively;

4) CREATIVE COMPETENCE - critical, creative approach to pedagogical activities, ability to

demonstrate one's own creative skills;

5) INNOVATIVE COMPETENCE - improvement of the pedagogical process, improvement of the quality of education, promotion of new ideas to increase the effectiveness of the education process, and their effective implementation in practice;

6) COMMUNICATIVE COMPETENCE: being able to communicate sincerely with all participants of the educational process, including students, to be able to listen to them, to have a positive influence on them

It is necessary for the teacher to carry out the above-mentioned tasks and to train the assistants of the qualified teachers of specialized subjects of vocational education and training at the required level.

All master's degrees in order to develop competencies.

We propose to introduce the following subjects in their specialties:

1. Innovative technologies of education. The requirements of "the use of advanced and innovative forms and methods of teaching and training" stipulated in Article 46 of the Law on Education form the innovative, creative, communicative, and methodological competencies established in the concept of University 3.0.

2. Administrative psychology 46 of the Law on Education psychological of the students specified in the article and its own characteristics (self-awareness, evaluation, leadership, etc prognostic ability to resolve conflict situations between employees, teachers and students), the ability to solve critical thinking problems of future professionals, the ability to learn stress tolerance and adaptability skills, and the University Forms creative, communicative, psychological, methodical competencies defined in the 3.0 concept..

3. Pedagogical skills and competence Education

The requirements of "the use of advanced and forms and methods of education and training" specified in Article 46 of the Law form the innovative, creative, communicative, and methodological competencies established in the University 3.0 concept. It improves the skills of attending classes, which is necessary as a specialist and teacher forms communicative and creative skills necessary for building competencies and finding creative solutions to tasks based on them.

REFERENCES:

1. 1 Law of the Republic of Uzbekistan "On Education". URQ #637, 23.09.2020
2. 2 The concept of development of science in the Republic of Uzbekistan until 2030. Decree of the President of the Republic of Uzbekistan. No. PF 6097.30.10.2020
3. 3 Sanakulov S. Actual problems of introduction of "soft" Competencies (SOFT SKILLS) in professional education // Vocational education. No. 1, 2020, 7-106..
4. 4 Cholponova H.T. The technology of evaluating the teacher's personality and activity as a factor of increasing management competencies in education. // Sacrifices of education, 2021, No. 1, 58U-585 0
5. 5. Sharifbaeva H.Ya., Babakhanova M.P., Ziyatov A. Republican scientific- practical conference, 2006 163-1646
6. 6. Sharifbaeva Kh.Ya., Abdurashidov I.Zh. General methodological training for teachers of special disciplines in technical universities. // Bulletin of Science and Education, 2020, No. 23