

Issues Of Development Of Professional Competence Of Future Builders-Engineers On The Basis Of Foreign Languages

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Abstract. Today, students in higher education institutions of developed countries are taught using the latest techniques and technologies. Also, in order to develop the professional competence of future builders-engineers in the field of construction in our republic, it is becoming important to expand the opportunities for students to work with multimedia, graphic imagination, architectural graphic tasks-projects, design drawings of buildings and structures based on foreign languages. Education in foreign languages is an important factor in providing future builders-engineers with competitive staff, knowledge, skills and literacy in their specialty, and the justification of the demands placed on them is of great relevance.

Keywords. Builder, engineer, competence, building, specialist, architecture, structure, teaching, methodology.

Due to the growing population in the world, the urbanization of territories, the rapid development of the field of natural resources, construction and architecture, the use of foreign experiments in our republic, the presence of the main terms related to the field during cooperation with foreign specialists in foreign language (English), as a result of which there are difficulties in understanding terms in representatives of As a result of this, there is a need to carry out research work on the issues of developing professional competence of future builders and engineers on the basis of foreign languages. The importance of independent, logical thinking, motivating, Creative thinking competitive personnel in the development, development of states and determining its socio-economic and prospects in the development of world education is incomparable. The basis of the successes of higher education, professional, school education system (USA, UK, Germany, Japan, South Korea, China, Malaysia, Singapore, Russia, Turkey, etc.) in the developed countries of Jahan is directly related to the development of competency of builder-engineers preparing on bunguni day, architectural-graphic literacy, reading-drawing drawings, design (building-structure, lanshaft design, architectural composition, etc.). Graphic design provides the opportunity to train students in all types of education, develop their professional competence through the understanding of the terms related to the field in a foreign (English) language, and, as a result, to train competitive, intelectally potential personnel. The development of professional competence of future builders and engineers on the basis of foreign languages is gaining relevance [3].

In educational institutions(higher, professional, secondary schools)of developed countries of the world, a number of scientific studies are carried out related to the formation of the motivation of students to receive distance-Independent Education, the introduction of graphic imagination, architectural-design imagination and graphic thinking, multimedia, virtual educational technologies for the development of creative thinking, virtual modeling methods. In particular, in order to develop professional competence of future builders and engineers, it is becoming important for students to expand their opportunities associated with working with multimedia, graphic imagination, architectural graphic assignment-projects, design drawings of building-essays on the basis of foreign languages. An important factor in ensuring competitive cadre, knowledge, skills and literacy of future builders-engineers in their specialty is education on the basis of foreign languages, substantiating the requirements for them, gaining significant relevance[4].

As part of the reforms to the education system in the new Uzbekistan, the decree of the president of the Republic of Uzbekistan “on additional measures for further improvement of the professional education system” dated September 6, 2019, No. 466 of the Cabinet of Ministers of the Republic of Uzbekistan dated August 7, 2020, “continuous start in the Republic of Uzbekistan, reforms are being carried out today based on the objectives set out by the decision” on approval of regulatory legal acts regulating the system of secondary and secondary special professional education”. Including the "needs in the labor market" specified in the decree and decision, including, the purpose of professional education is to prepare competitive personnel for small business and private entrepreneurship subjects through the introduction of professional education stages, and to meet the requirements of persons of different ages for education on the principle of "lifelong learning" as well as "...taking into account the real need for personnel, based on the requirements and proposals of employers, the training of qualified specialists necessary for the sphere and sectors of the economy and the satisfaction of society's requirements for professions and specialties... in labor activities, the tasks of” training personnel with practical skills in the implementation of modern information and communication technologies " are defined. These tasks were applied as a program of Education, which today provides quality and efficiency of Education[5].

Development strategy of New Uzbekistan for 2022-2026

Objective 33: to increase the territorial economy by 1.4 - 1.6 times through the proportional development of territories “...Improving the quality of urban digitization, construction and design work and developing in accordance with the concept of "Smart City", harmonizing with practice the scientific research carried out in the field of architecture and construction in higher educational institutions", " technical regulation of the construction sector. Having developed and implemented a program for the radical improvement of the system for the development of urban planning documentation of settlements and the provision of urban planning documentation,” the implementation is set as a priority. It follows from this that it is important to further develop the integration of higher education system, professional education(technikum)laring and apply modern methods of teaching multimedia, virtual education based on technology in research work on the basis of cooperation[6].

The rapid development of construction in our country today depends on the cognitive potential of specialists working in each direction. The role of higher education institutions in the acquisition of knowledge, skills and qualifications of each specialist in his profession is incomparable. To this end, a requirement is imposed to conduct the subjects taught in higher educational institutions directly in the field. At the heart of this lies the task of forming professional competence of the owner of each industry. 2022 of the president of the Republic of Uzbekistan in this regard

Decree No. 60 of January 28 "on the development strategy of new Uzbekistan for 2022-2026", decree of the Cabinet of Ministers of the Republic of Uzbekistan "on measures to organize the activities of the national system for the development of professional skills, knowledge and skills in the Republic of Uzbekistan"dated May 15, 2020 No. 287 serves as a guideline in the preparation of young personnel

Decree No. 151 of the president of the Republic of Uzbekistan “on measures to effectively organize public administration in the field of construction and housing and communal services in the framework of Administrative Reforms”dated August 28, 2023, PF-60 of January 28, 2022 “2022 - Decree" on the development strategy of the New Uzbekistan for 2026", decree PF-6097"on approval of the concept for the development of Science until 2030 "of October 29, 2020, decree of the Cabinet of Ministers of the Republic of Uzbekistan No. 163" on measures for the organization of dual education in the professional education system " of March 29, 2021, Decision No. 106 of February 26, 2021 “on measures to further improve the system of retraining and professional training of management and pedagogical personnel of professional educational institutions”, 2020 Decree No. 466 of August 7 “on approval of regulatory legal acts regulating the system of continuous primary, secondary and secondary special professional education in the Republic of Uzbekistan”, No. 715 of November 11, 2020 “on measures to organize admission to professional

educational institutions of the Republic of Uzbekistan” in the implementation of the tasks set out in other regulatory legal acts related to

The degree of study of the problem. theoretical and methodological foundations of improving the professional training of builders and engineers on the basis of foreign languages, as well as their implementation in the educational process, scientists of our country R.H.Dzhurayev, U.I.Inoyatov, Z.K.Ismailova, N.A.Muslimov, C.T.Olimov, A.R.Khadjabayev, Sh.S.Sharipov, Sh.E.Gurbanov, A.Abduqodirov, U. S. Begimqulov, A.Haitov, F.M.Zakirova, M.Aripov, J.A.Hamidov, O.X.Turakulov, N.I.It is reflected in the work of taylakov and others. Z. On the problems of “architectural design” and architectural direction in our republic.E.Matniyazov, A.O. Hasanov, G.S.Durdiyeva, T. Sh.Mamatmusayev, A.A.Ziyayev, S.M.Mirdavidova, I.I.Tajiyev scientists conducted research.

The relevance of the problem, its theoretical and practical significance, contradictions, as well as insufficient research on the development of professional competence of future builders-engineers in higher educational institutions on the basis of foreign languages, led to the need to carry out scientific research work in higher education and professional educational institutions.

The purpose of the study. Improving the methodology for the development of professional competence of future builders-engineers on the basis of foreign languages, consists in the development of proposals and recommendations.

Objectives of the study:

To study, analyze the current state of training of specialists to builders and engineers, to scientifically substantiate the development of compensations of students on the basis of foreign languages as an urgent pedagogical problem;

Improving the competence, knowledge, skills and qualifications of student-students on the basis of foreign languages in the teaching of the specialty of the future builder-engineers;

Improving the methodology for the development of student compensation in foreign languages from the specialty of the future builder-engineers;

Builder-engineers development of student-student compensation based on the application of teaching methodology based on foreign languages improving methods for determining the levels of efficiency.

As the object of the study, the builders and engineers of our country, which are cunning higher educational institutions, were taken.

The scientific innovation of his research is as follows:

Factors affecting the development of professional competence of future builders-engineers on the basis of foreign languages (imitation, animation, virtual) improved on the basis of a conceptual pedagogical model;

The competence, knowledge, skills and qualifications of student-students in the teaching of the specialty of the future builder-engineers are developed on the basis of a foreign language methodological scheme;

Improved on the basis of intensive mastering methods of education by applying multimedia (voice, animation, videofragment, VR), Foreign Language Teaching Methodology(simple, medium, complex, creative) of future builder-engineers;

The tasks of mastering a foreign language on the basis of the principle of simple to complex in the training of builders-engineers are based on the increase in educational efficiency on the basis of a pedagogical model that develops student-students ' foreign language compensation, continuously monitors, predicts the quality of acquisition.

In conclusion, it is important to increase the competence of construction engineers on the basis of foreign languages at a time when the construction industry is developing day by day. It facilitates the use of materials, techniques and technologies in the field of construction being developed abroad, makes it possible to introduce into practice, it is necessary to attract foreign specialists if the qualifications and examinations of representatives of the field and the level of language proficiency will be low in the application of modern materials and technologies in the production If the construction engineers in our country also know a foreign language, it is possible that any developed countries will be able to work in the construction industry.

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