

# LIFELONG LEARNING EDUCATION THROUGH THE CONCEPT OF THE DEVELOPMENT OF ADULT EDUCATION

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**Annotation:** The article is devoted to the analysis of formal and non-formal courses as a part of the system of lifelong education. The essential part of the article deals with Concept for the development of lifelong adult education in the Russian Federation and presents the implementation of the Concept on the example of the Tomsk region and its academic institutions and educational establishments on the level of non-formal and informal education. The examples of different institutional provided courses are presented in the article. All courses are focused on the acquisition of additional knowledge, skills and competencies, which help to increase the levels of communicative and intercultural competence in the context of specialty and professional activity.

**Key words:** the Concept, lifelong learning, training courses, formal education, non-formal education

Nowadays ideas, goals, and objectives of lifelong learning education are laid down in the Constitution of the Russian Federation and the Federal Laws that indicate changes in the educational system of Russia, taking into account the prospects for modernization, globalization and the formation of a sustainable social system. Education forms take a significant part of any individual's life. It is the process of gaining or imparting knowledge that aids in building a proficient personality and ultimately improves the quality of life. [1, p.38]. The legal framework for lifelong learning education of the Russian Federation is based on international documents. The foundations of the continuity of education are laid down in the provisions of the Constitution of the Russian Federation, in the Labor Code of the Russian Federation [4, 5] and the Concept (hereafter the Concept) for the development of lifelong adult education in the Russian Federation for the period up to 2025 [3]. The concept is a system of views on the content, principles and main priorities of state policy aimed at providing opportunities for the realization of the right of the adult population of the Russian Federation to lifelong education. Currently, adult education can be divided into 3 types: formal, non-formal and informal education. [2. p. 141]. Many educational centers own a state license to provide both formal and non-formal educational programs for adults. Many of them are aimed at training the unemployed population, helping them to acquire knowledge and skills as well as economically active population that would increase their competitiveness in the labor market.

The Concept is represented now in almost all levels of education on both state and regional levels. Most education providers operate in the areas of adult language training, training based on multifunctional centers offering comprehensive services, for example, foreign language + computer skills + technical skills + time management.

Further, we will present the implementation of the Concept on the example of Tomsk region. Besides the fact, that Tomsk is rather a small town, it has a great variety of academic organizations: Siberian State Medical University; Tomsk State University of Architecture and Civil Engineering; Tomsk State Pedagogical University; Tomsk State University; Tomsk State University of Control Systems and Radioelectronics; Tomsk Theological Seminary; Tomsk Correspondence Financial and Law Institute; Tomsk Institute of Business; Tomsk Polytechnic University. Almost all universities have the department or institutes of additional education, which provide a great number of programs and courses for different levels of education. Let us enlarge on programs and courses provided by universities (Table 1).

*Table 1. Programs and courses provided by universities (formal education)*

<b>№</b>	<b>University</b>	<b>Main activities / Programs and courses provided</b>
<b>1</b>	<i>Tomsk State</i>	Institute of Continuing Education. The main activities of the institute:

	<i>University of Architecture and Civil Engineering</i>	<ul style="list-style-type: none"> <li>- Advanced training of specialists in all areas of TSASU;</li> <li>- Short-term foreign language courses (English, German, French);</li> <li>- Professional foreign language courses;</li> </ul> <p>Programs offered:</p> <ul style="list-style-type: none"> <li>- short courses (seminars) on additional educational programs from 16 to 250 hours with final certification and issuance of certificates;</li> <li>- programs of professional retraining in the volume of 250 hours;</li> <li>- training on additional educational programs with capacity from 500 hours or more completed defense of the final qualification work with a diploma of professional retraining of the established sample on the right of conducting a new type of professional activity.</li> </ul> <p>The faculty provides training in educational programs:</p> <ul style="list-style-type: none"> <li>- Professional development courses;</li> <li>- Continuing education.</li> </ul>
2	<i>Tomsk State Pedagogical University</i>	<p>Faculty of Continuing Education and Professional Development. The content of the educational programs of additional education and professional development courses: -objectives of the concept of modernization of Russian education in accordance with the national educational initiative “Our New School”;</p> <ul style="list-style-type: none"> <li>- the federal target program for the development of education;</li> </ul> <p>The faculty provides training in educational programs:</p> <ul style="list-style-type: none"> <li>- Professional development courses;</li> <li>- Continuing education.</li> </ul>
3	<i>Tomsk State University</i>	<p>The educational process includes pre-university training, multi-level training of specialists, Bachelors, Masters, postgraduate education, and a wide range of professional retraining and advanced training programs. Educational programs of additional education and professional development provided:</p> <ul style="list-style-type: none"> <li>- professional retraining programs;</li> <li>- continuing education programs in information technology, innovative development, optimization, improvement in order to remain a competitive, sought-after specialist and successful person;</li> <li>- in 2015, a network of TSU partners was created, which included a regional center for the development of education, 9 inter-municipal centers for the development of giftedness, the Department of General Education of the Tomsk Region, 32 educational organizations with the status of regional centers for the introduction of innovations, 100 TSU experimental schools for developing and implementing joint profile training programs, methodological services of municipalities;</li> <li>- one of the fast-growing areas of continuing education in the mass has become open online courses (MOOK);</li> <li>- the University develops 10-15 online courses annually, which are available on the open online platforms Coursera (coursera.org), “lecture hall” (lektorium.tv), Iversity (iversity.org).</li> </ul> <p>The faculty provides training in educational programs:</p> <ul style="list-style-type: none"> <li>- Professional development courses;</li> <li>- Continuing education.</li> </ul>
4	<i>Tomsk State University of Control Systems and Radioelectronics</i>	<p>Tomsk State University of Control Systems and Radio Electronics, being a recognized leader in the field of training qualified personnel for high-tech sectors of the economy, introducing applied developments of new equipment, equipment and control systems, is actively implementing a wide range of continuing education programs. The university collaborates with business structures and government departments on the organization of practice, internships and possible employment of students.</p> <p><i>The university provides more than 20 trainings</i> in educational programs including a great variety of professional development courses, finance,</p>

		management, and internet marketing and foreign languages as well as pre-university training, for foreign citizens and courses for active retirees.
5	<b>Tomsk Polytechnic University</b>	<p><b><i>Institute of Continuing Education</i></b>  Main activities of ICE</p> <ul style="list-style-type: none"> <li>- The development of vocational retraining and continuing education programs.</li> <li>- Development of a training system for workers.</li> <li>- Improving research activities.</li> <li>- The development of scientific and pedagogical workers of TPU.</li> <li>- Development of a system for training talented youth for admission to TPU.</li> </ul> <p>Additional education is carried out by implementing additional professional educational programs:</p> <ul style="list-style-type: none"> <li>- Continuing education with a training period of 16 hours</li> <li>- Professional retraining for conducting a new type of activity with a training period of 250 hours</li> <li>- Vocational training in occupations</li> <li>- Continuing education of teaching staff</li> <li>- Language training</li> <li>- Additional educational programs</li> </ul>

Moreover, Tomsk academic institutions and educational establishments have a great variety of courses on the level of non-formal and informal education. The main goal of academic institutions and educational establishments is not only to give knowledge that accompanies a person at each level of education, contributing to the acquisition of additional knowledge, skills and competencies, but also to develop an all-sided harmonious personality that helps to adapt to changes and needs of the surrounding world, economic changes, and transformations in professional activity.

Provided courses help people to apply for upper secondary general or vocational education and complete their studies; develop student's learning skills in all sectors of the education system; increase the provision of non-university higher education; expand opportunities for adults to study for a university degree, for upper secondary and post-secondary vocational qualifications and to pursue other studies that improve their employability and capacity for further learning; develop methods for recognizing non-formal and informal education.

***There are 4 examples of Regional Concepts and programs provided by the regional authorities:***

1. *The concept of the development of mathematical education.* Main objectives are: a) improving the quality of physical and mathematical education; b) increasing the image of physical and mathematical education; c) increasing the level of personnel potential; d) modernization and renovation of material and technical support of the educational process; e) modernization and renovation of organizational activities with students and their parents; f) modernization of legal support; g) intensification of the work of cluster-type associations (school-university, school-institution of further education (including professional), school-university-enterprise, etc.). The strategic goal of the development of physical and mathematical education in Tomsk region is the preparation of a new generation of employees capable of mastering professions related to scientific and technical creativity and invention, production, research and entrepreneurship.

2. *Target-oriented program «Municipal system for the identification and support of gifted children».* The goal of the program is the creation of a socio-educational environment in which realization of the creative potential of the child is guaranteed based on free choice and development of individual routes of development in a wide range of educational programs and social practices. Objectives of the program are: a) coordination and intensification of work with gifted and able children; b) Updating the data Bank of gifted children, forecasting their development.

3. *Municipal program «Development of education in the Tomsk region for 2016-2020».* The goal of the program is bringing the infrastructure of preschool, general and additional education in Tomsk region in accordance with the main modern requirements. Objectives of the program are: a) development of the system of pre-school education in Tomsk area; b) energy-saving and increase of energy efficiency of educational institutions of Tomsk region; c) reconstruction and capital repair of educational institutions; d) prevention of child road traffic injuries in Tomsk region; e) security of participants of the

educational process in Tomsk region; f) the creation of additional places in the newly built educational institutions using the mechanism of public-private partnerships.

4. *The federal project of supporting and improving the quality of life of senior citizens "Older generation"*. The project includes activities aimed at obtaining an education, promoting employment, supporting the physical activity of older people, as well as increasing the availability of medical care and social services, taking into account the needs of older citizens. The interaction of employment service bodies with territorial branches of the PFR, employers and educational organizations will be organized in order to form a list of participants in vocational training and additional professional education for persons of pre-retirement age in the years 2019-2024.

On the bases of the above-mentioned Concepts, the following examples of implemented programs on the territory of Tomsk are presented:

1. technical programs «Young designer», «Competitive robotics»;
2. general scaffolding programs «Learning to play the piano», «Art Studio «Kolibri», «Music room, «Secrets of music», Theatre «Amazon», «Play, learn, grow», «Good nutrition», «Berestivka. Carving on birch bark», «Musical lecture», «Needlewoman»;
3. specialized sports club «Self-defense», «Sunny world of dance», «Dance»;
4. socio-pedagogical programs «English Star», «School traffic light Sciences», «We learn to sing»

In conclusion, this is only a small part of the programs and courses that create a certain network of training structures. This network is gradually shifting from the sphere of centralized state control and supply orientation to a more diversified and flexible system, combining both public and private training structures focused on demand determined by enterprises. The meaning of these transformations is to more fully satisfy the needs of the economy and society and provide a flexible response to changing demand, increase the effectiveness of training by reducing its cost and stimulating the competition of training structures. Moreover, some of the programs and courses can be easily provided with the help of information and communications technologies and can contribute to more effective learning coverage of problem groups.

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