

MODELS AND WAYS OF DEVELOPING SELF-STUDY CULTURE OF COLLEGE STUDENTS

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ABSTRACT. The article provides features of setting and solving the tasks of technical college students self-study culture development, clarifies a concept of "technical college student self-study" (in broad, narrow, local, personified, health-saving, humanistic and unified senses), process of technical college students self-study culture development, self-study culture development methods, pedagogical conditions for self-study culture development, refines unified pedagogical conditions of self-study culture development among the college students. Improving quality of task solving in lifelong education model is directly related to effectiveness of individual self-study culture development. At the level of secondary vocational education (technical college), development of self-study culture of technical college student is determined by levelled solution of tasks of individual development and personal fulfillment in educational, occupational and health-saving systems in which results of individual and social activity are planned.

KEYWORDS: pedagogical constructs, pedagogical modeling, self-study culture, humanism, productivity.

Introduction. The self-study of a technical college student and development of self-study culture of technical college students determines stable links of personal development in the models of productivity, personification, and competitiveness. The quality of solution of personal development and self-development task represents a function and resource of a productive choice of personified solutions to the "I want, I can, I need, I have" problem, placing personality and society in a position of situational awareness of optimal way of new knowledge or new products generation in social, educational and / or occupational environment.

The success of the search for optimal solutions to the problems of development of self-study culture of technical college students in the hierarchy of determining and current tasks will depend on the following theoretical and empirical provisions of general and professional pedagogy:

- theoretical and empirical foundations of variable solution of the problems of personal involvement in the system of scientific and educational search [1, 8, 11, 12] enable clarification of the specific features of solutions of task of determination and optimization of pedagogical action as a pedagogical category and its component constructs providing possibility of productive development and self-affirmation, personal fulfillment and socialization of technical college student through self-study;
- specifics of organization of productive students self-study in constructive pedagogy research will provide proficient solution for the level problems of scientific search and clarification of pedagogical definitions; the concepts of "technical college students self-study", "culture of technical college student self-study" will be chosen as an example;

- fundamentals of pedagogical modeling in the constructs of modern education [2] determine efficiency of clarifying definitions of modern pedagogy;
- the essence of professional activity of social work specialists at present stage of social development [3, 4] determines specifics of pedagogical conditions detailing for solution of theoretical and pedagogical task posed in the work;
- teacher professional qualities [5, 8, 9] determine level of development of determining indicators and composite productive formation of the student's personality of the technical school;
- adaptive component of professional mobility culture will determine conditions for normal distribution of students abilities and health in academic group as a part of the structure of technical college students self-study;
- IT will determine prospects for individual innovative development of the arrangement of self-study of students and teachers in the culture of health, occupation, individual self-study;
- pedagogical activity [6] makes it possible to single out productive solution to the task of self-study culture development among college students in the humanistic education paradigm;
- process of students self-study arrangement in conditions of computerization of higher educational institutions determines use of information resources of educational environment in self-study, preparing personality for various conditions of occupational task development as well as contradictions and aims occurring in operation;
- scientific research will determine all aspects of optimization and detailing of pedagogical conditions for development of culture of technical college students self-study;
- continuous development of teacher professional competence and students self-study arrangement [7] will determine quality of solving tasks in the model of modern education and professional relations.

Self-study of a technical college student as a category of professional pedagogy can be refined in a broad, narrow, local, personalized, health-saving, humanistic and unified sense.

Self-study of a technical college student (in a broad sense) is the way and form of solution of cognitive, operational and occupational tasks in the model of modern professional education, conditions and specifics of which at the present stage are ensured through the group of competencies of SPE FSES in secondary professional education system, conventionally defined in the constructs "GC - general competence", "PC - professional competence", ensuring high performance of students, quality the student's introduction into professional relations system and the personified solution for the task of individual development and self-development, personal fulfillment and socialization through the system of continuous education and professional operation.

Self-study of a technical college student (in a narrow sense) is the process of shaping individual activity in choosing methods and means of solving cognitive, operational, training, and occupational tasks that guarantee high self-assertion and personal fulfillment results visualized through socially demanded and competitive products of personal performance of an individual studying in the SPE system.

Self-study of a technical college student (in a local meaning) is the procedure for a student performance of a situational task or conditionally stated contradictions directly related to educational activities in SPE educational institution.

Self-study of the student of technical college (in a personalized meaning) is a model of development and self-development of an individual, specification of its features and provisions is determined by conditions of solving "I want, I can, I must, I have" task, a teacher's ability to determine properly the nuances of pedagogical support of the individual, pedagogical assistance and facilitation of studied didactic material.

Self-study of a technical college student (in a health-saving meaning) is a product of self-organization of development and self-development quality of an individual in structure of the education of a technical college student, providing through healthy lifestyle and health culture possibility of productive personal development and self-affirmation, personal fulfillment and socialization, cooperation and communication, ensuring quality of life of an individual and society as a whole.

Self-study of a technical college student (in a humanistic meaning) is a mechanism for optimizing quality of student's development in the model of teacher arranged activity, which stimulates a technical college student to high personal results in development, self-affirmation, cooperation and self-expression, revealing individual and social perspectives at various scales (micro-, macro, mega, uni-, combo-, etc.) and models of individual and the collective development and operation.

Self-study of technical college student (in a uniform meaning) is a form and technology of organization of work with students that guarantee personalized quality control of student competencies development through the structure of the subject (discipline) that determines prospects of individual professional development as a product of evolution of continuous education and securing of the noospheric personal choice of conditions and products of self-organization and personal safety.

The process a technical college student self-study culture is a step-by-step development of a college student personality in solving leveled problems of development and self-affirmation, personal fulfillment and personal safety, which model productivity and creativity, health and flexibility determine quality, level of achievements and level of personal development in structure of technical college education, fundamentals and quality of which are regulated by the FSES and personification of activities of technical college student.

Methods of a technical college student self-study culture are the ways and methods of traditional and innovative pedagogy that determine possibilities for productive development of personality through a staged, personalized solution of the tasks of student's acmeological attainments in the model of education and educational services provided.

Technology of development of culture of a technical college student self-study is an adaptive-acme-pedagogical way of optimizing quality of solving tasks of a technical college student development through the SPE FSES implementation. It determines possibility of setting a goal, choosing means and methods for development of a technical college student self-study culture, ensuring a certain level or new product in personal development of a technical college student and quality of education and future professional relations.

Pedagogical conditions for a technical college student self-study culture development are a set of basic and specified statements ensuring optimal choice, determining and facilitating qualitative solution of a student development tasks in a personified optimal choice of general pedagogical, professional pedagogical and subject constructs of self-organization of operation and communication, determined through general and subject knowledge, skills and competencies.

Methodology of research. Methodological basis of research will be determined by integral use of cultural, adaptive-humanistic, productive-acme-pedagogical approaches that determine ways of an objective solution of tasks of development, socialization, personal fulfilment of an individual in structure of pedagogical interaction in technical college.

Culturological approach is defined as a system unit of integral and multidimensional personal development in structure of technical college education providing personal and social claim for acmeological verification of quality of search for successful forms and products of activity, ensuring in unity with high ideals in activity and communication, achievement of the maximum possible results and properly modified solutions.

Adaptive-humanistic approach defines the ideas of humanism as the basic constructs and means of setting and solving tasks of an individual development and adaptation. In structure of productive

search for personalized foundations of student's high achievements, adaptive-humanistic approach allows division of learners into groups according to their abilities and health, definition and solution of personal development tasks using technologies that take into account certain features of personal development, means of productive choice of conditions and mechanism of self-organization of tasks solving quality and aims of modern education and socialization, facilitation and support of an individual in the model of development and self-development, cooperation and communication. Quality of application of models and constructs, technologies and forms, methods and means of teaching is determined in adaptive-humanistic approach by taking into account all the components of personal development, taking into account normal distribution of personal abilities, age-appropriateness, competitiveness, flexibility, tolerance, creativity and productivity.

Productive acme-pedagogical approach is a methodological approach providing successful solution of tasks of student's development in system of productively personified and occupational foundations of personal and collective development. Productive acme-pedagogic approach determines opportunities for optimization and maximization of the results of personal operation in structure of education, socialization, professional relations. Peculiarities of practice-oriented solution of development, socialization, and personal improvement tasks in structure of productive acme-pedagogical approach application are reflected in teachers ability to properly identify and refine development compounds such as "I want, I can, I must, I have", ensuring possibility of accurate and timely construction of an acmeological trajectory of operation and communication in hierarchy of dominant and innovatively updated methods, means, forms and technologies of education and socialization.

Results of research

Let us single out the unified pedagogical conditions for a technical college students self-study culture:

1. Development of program and pedagogical support and adaptive acme-pedagogical support for the modern science courses in accordance with SPE FSES will determine the leveled model of solving tasks of personal development through recognition of productive work of a technical college student as a higher standard providing opportunities (levels, stages, models, etc.) for his personal development through self-improvement and personal fulfillment.
2. Generation of conditions for an objective determination of professional education level and providing ways for productive work in structure of apprenticeship that consistently and systematically verify quality of mastering theoretical material obtained through study of various didactic courses and disciplines.
3. Stimulation of student choice (technical college students) in conditions of continuous professional education in the model of personal fulfillment and self-improvement, where stimulation is produced by various mechanisms of motivation for work and education.
4. Consideration of needs and opportunities of technical college students in continuous professional education, and social needs for specialists of a particular level/category that determine the task "I want, I can, I must, I have" by basic function of individual development and self-affirmation self-organization.
5. Definition and optimization of technologies applied in development of a technical college student self-study culture within system of professional education, where general, private and special transformations occur, this practice depends on level of individual introduction in the system of inventions and innovations production that determines implementation of constructs and models of competences stated in SPE FSES in education of specialists of various levels and class.
6. Stimulation of need of educational institutions of general education to implement programs with a certain focus or educational profile (technical, humanitarian, etc.), systematically and properly forming basis of mathematical knowledge, scientific and technological disciplines, determining, in conditions of implementation of fundamentals of normal distribution of students abilities the average

values of the starting point, based on statement and solution of the modern education development tasks.

7. Adoption of the fundamentals of didactic support using resources of integrity and continuity, system consistency, system objectiveness as a necessary link in individual development and development of the system of professional education.

8. Demand for products of scientific, methodological, theoretical pedagogical and scientific work of students (technical college students) in the system state and regional institutions.

9. Provision of personified, objective and practically oriented conditions for increasing competitiveness of a technical college student along with state and regional labor and industrial institutes that determine the need of improving quality of objects and products of scientific, pedagogical and technical work as the main mechanisms for sustainability of development and preservation of national scientific potential.

10. Stimulation of the needs of technical college teachers and students in versatile knowledge and communication culture.

Improving quality of solving development tasks within the model of lifelong education is directly related to development and effectiveness of an individual self-study culture.

At the secondary professional education level (technical college), development of a technical college student self-study culture is determined through a levelled solution of tasks of individual development and personal fulfilment in educational, professional and health-saving systems for designing individual and social operation results.

Effectiveness of the formation of a technical college students self-study culture is defined as determined and solved tasks, determination of the foundations and methods, ways and conditions of which is determined by structure and content of modern education. In our situation, that is a system of secondary professional education, where the SPE FSES identify and provide in constructs of competence and functional approaches, optimal resources and forms, technologies and conditions for improving quality of personal development tasks, predetermined productive socialization of the individual, competitive relations, productively personified individual development, taking into account features of development and practice of productive self-affirmation, cooperation and communication.

Discussion

Effectiveness of technology for a technical college student's self-study culture can be determined through the general, subject-oriented and specific solution of one task or another:

- program and pedagogical support application determines quality of instruction in general and in particular subject for description and visualization of personal achievements;
- project method application in solving problems of acmeological personification of quality of personal development introduction of student's personality in the system of social, educational and professional relations;
- coursework and course projects performance at high level professional solutions of tasks;
- participation in the International scientific conference of junior schools, secondary schools, lyceums, gymnasiums, youth sports schools, specialized youth sports schools of the Olympic reserve, professional schools and technical colleges "Portfolio as a result of development of a student self-study culture»;
- participation of technical college students in International, All-Russian and regional scientific conferences with reports.

Summary. Effectiveness and quality of the products of the formation of a technical college student self-study culture in the model of determination of conditions of modern education effectiveness are provided in the following parts of the research:

- 1) use of program and pedagogical support that determines quality of instructions in general and in particular subject for describing and visualization of individual achievements (application of developed teaching aids and adaptive teaching aids ensuring high results of didactic material designed for development tasks of achievements and opportunities for personification and occupational self-actualization in the system choice for fundamentals and directions of productive search and productive self-assertion through properly solved tasks and contradictions);
- 2) application of projects method in solving tasks of acmeological personification of personal development quality and an individual student involvement in social, educational and professional relations (in management of pedagogical interaction with students of technical colleges such projects as publications in the "Profi" newspaper, Freshman Competition, "The Best Student" project, etc. were defined);
- 3) course works and course projects performance at a high level professional solutions of tasks (all works are practically oriented and are authentic task-solving products);
- 4) participation in International scientific conference of junior schools, secondary schools, lyceums, gymnasiums, youth sports schools, specialized youth sports schools of the Olympic reserve, professional schools and technical colleges "Portfolio as a result of development of a student self-study culture» with stand presentations (honored with prizes in various categories for colleges students);
- 5) self-presentations (student portfolio and pedagogical cases in profession);
- 6) college students participation with honor in International, All-Russian and regional scientific conferences.

Statistical data of the selected areas and system analysis of quality of technical college student's self-study culture development and data interpretation will be provided in the following papers.

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