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**FROM THE CONCEPT OF TECHNOLOGIZATIONAL
OF EDUCATIONAL PROCESS TO ITS DESIGNING AT
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Мақалада оқу мәселелері мамандықтары бойынша жұмыс бағдарламаларын құрастырудың әдістемелік негіздері қарастырылады. Автор «технологияландыру», «жобалау» сияқты түсініктердің мәнін және білім сапасының мазмұнын ашып түсіндіреді. Мақаланың негізгі идеясы - жобалау, яғни мамандық бойынша жұмыс бағдарламасын құрастыру - оқу үрдісі сапасының кепілі болып табылатын технологияландырудың алғашқы сатысы екендігін байқау. Мақала жоғарғы оқу орнының оқытушылары мен әкімшілігіне арналған.

В статье даются методологические основы составления рабочих программ по дисциплинам учебно-воспитательного процесса. Автор раскрывает такие понятия, как «технологизация», «проектирование», а также качества образования. Главная идея статьи заключается в том, что проектирование, то есть подготовка рабочей программы по дисциплине, - это первая ступень технологизации, которая является гарантом качества учебного процесса. Статья предназначена для преподавателей и администрации вузов.

The article contains methodological bases of making programmer on the subjects of educational process. The author reveals such concepts as technologies-inculcation, designing and the quality of education as well. The main idea of the article is that the designing, that is to say, the preparation of working programme on the subject is the first state of technologies-inculcation which gerents the quality of educational process. The article is meant for the teachers and employees of higher schools.

The theme of our research is to design educational process on such subjects as the fundamentals of Law and Economic theory, which are included in socio-humane bloc and enhance general education training of future experts. The choice of these subjects in itself is not made at random, because the formation of civic attitude of the personality with higher education calls for much more attention to didactic equipment of educational process, than it is given at present.

However, this article is only aiming to reveal methodological foundations of higher school teacher's professional activities at the stage, when he starts making the working programmer on the subject, in connection with it, consideration of such concepts as «advanced in technological productivity», and «designing» of educational process is the essence, the end in itself of the publication.

There is the clause 41 of the Law of Kazakhstan Republic «About education», [1,11] which obliges to be up to the requirements of state standard determining the teacher's duties. According to this clause, the minimum level of teacher's qualification is set by the state general education standard and must not be below it. But realization of this requirement is hampered by the setbacks of practical character, connected, first of all, with working out of the set of pedagogical instruments.

That it what ZH.U. Kobdilova writes about it: «Scientific researches and our experiences show, that traditional methods will not ensure such educational result, until it is improved up to the level of pedagogical technologies, introduction of technologies in educational science and practice the direction with good prospects» [2,3].

Pedagogical technology understood as the direction aiming at enchanting of effectiveness of educational process and guaranteed achievement by the students of the planed educational results.

V.V. Yuzezeva has formed the notion of the complex as consisting of:

- certain idea of the planed educational results;
- the means of diagnosing of the student's current state;
- the set of educational models;
- the criteria of choosing the optimal model for the given concrete conditions [3,9].

According to generally accepted opinion, the new pedagogical technology is the concept connected with the new pedagogical mentality, with the development of the educational process as joint activities of teacher's and students, where all the participants create something new and everyone makes his contribution to the results of education [6,22].

In educational area of KZ Karayev's pedagogical technology of computer education has got widespread currency. It is based on the principles of systematic differentiated approach and academician V.M. Monakhov's technology of designing of educational process.

To our mind the most perspective for higher school is Karayev's technology revealing the idea of conversation of didactic process from guided by the teacher to self-governing system.

Quoting ZH. U. Kobdisova «the formation of the subject of activities being in process, the development of self-control and self-correction will be accompanied by the prevalence of self- government over outwardly organized control of the teacher [2,17], learning over regulation and so on, as the result «the person's self-development will lead to realization of this rights and duties in the course of education as well as in the course of his contacts with surrounding world» [2,18].

This model of education aiming at the person most correspond to educational process of high school, the main constituent work which is student's independent work.

It is quite necessary for organization of educational process to work out educational task of different levels and check materials on each theme serving as the criteria for defining the quality of education.

What does the quality of education mean? It is not simple to answer this question, the more so, to answer in abstract form.

The definition of Y.B. Skok is considered to be the most acceptable: The quality of education, training and retraining of specialists is understood in general case as:

- correspondence to the standard, the norm;
- it is not only the result, but it is not achievement expressed in presents;
- appraisalment of the results is determined by the degree of their correspondence to the goals set by the educational establishment itself [4,13].

In summarized form the concept of quality, with reference to education, is considered as correlation between goal and result as the measure of reaching the goal [8,59].

The concept of quality as the quality of knowledge includes usually the following constituents: They are reliability, stability-profundity, coming to light by the ability to classifications and generalizations, and finally, consciousness of one's own mental activities, which is exposed by the ability to convert the content from one form into another.

As to the quality of higher education as a whole system, from our point of view, it can be represented in the form of the structure of definite blocs [Table 1] already at this stage of consideration of the question it in getting clear, that the quality of knowledge is dependent directly on the quality of educational process, on the teacher's professionalism. That is why it is designing of educational process that comes to the fore in this system.

To the opinion of V.M. Monakhov, any technology supposes to stages-designing and realization of a project, exactly as pedagogical activities of a teacher consists of two parts: visible and hidden. Invisible part is the designing of educational process, elaboration of working programme of the course and also scripts of separate studies.

Modern innovatory didactics have taken up the position that the only effective means warranting the effectiveness of pedagogical process is technological approach to it's designing. Pedagogical designing safeguards against accidental, superficial, ill-considered [5,48].

Pedagogical project has the most important advantage. It enable a teacher to make control assignment in accordance with the goals: to remember, generalize, solve, use and so on. Elaborated complex of control assignments is one of the main proof of the quality of educational programme.

The new requirement to compiling of working programme is it's orientation to the state educational standards, that is to say, to the result.

In as much as the modern didactical system has brought up to the fore the concept of learning the central place in designing of the subject must be given to control materials defining the organizations of original work of students, which despite the efforts of loony standing of higher school teacher's body is realized, just the same, formally.

Table 1

Quality of educational process at higher school

Criteria	Blocs	Indicators
1. Availability of model programmes 1. 2. Working educational programme 2. 3. Original work of students	1. 1. Content Quality of working educational programmes	The year of education Correspondence to structural scheme (modelness) Elevation of assignments
1. Goal setting 2. 2. Using of technologic in educational process 3. Control and appraisalment	2. 2. Teaching Quality of educational process	Diagnosability of goals Correspondence to logical scheme of cognitive process Subject, borderline and final control Objectivity of appraisalment—work
1. 1. Reliability 2. 2. Profundity 3. 3. Flexibility 4. 4. Consciousness	3. Learning Quality of knowledge	Actions in mind - amount of actions in mind Generalization, classification Conversion of content from one form into another Making information of questions
1. Communications 2. 2. Independent educational scientific - professional work 3. 3. Socialization of a person	4. Out of lecture-room work Quality of nurture	Connections according to directions in different languages Functional competence creative activity Modeling the situations of vital importance Availability of « I- concept»
1. Creative person 2. 2. Approachable 3. 3. Spirituality rich 4. 4. Physically and morally-healthy	5. The model of a person The quality of a graduate	Not only ability the need to work creatively Having a complete command of state and foreign languages Conflictness behavior Polycultural person Critic position and Healthy way of life
1. Diagnosing 2. 2. Planning 3. 3. Organizing 4. 4. Control 5. Correction	6. The quality of management of educational process	Analysis of initial data Aim programmer Using of technologies in the process Realization in different forms Many-leveled Overcoming of group work mistakes
1. 1. Educational, scientific achievements 2. 2. High professionalism of a teacher 3 Graduate answering the requirements of international standards	7. The quality of higher school	Quality of knowledge Quality of educational process Quality of graduate's personality

To plan original work of students within the framework of working programme means to create modern project of educational process on the subjects, on the section, on the scheme. It means to structurize the content of the course, arranging it's themes and questions according to the level of difficulty and importance. It means to determine beforehand criteria of appraisal of both, the process and the result of mastering of the subject. It means to lead the students out to creation, to study of the questions, which at present time, neither the students nor their teachers can answer.

«Unfortunately higher school educational programmers as vice-rector of Kazakh State University S. Abdumanapov notes, - are right from the start oriented towards a student as simple accumulator of a definite sum of knowledge, which being given that way can not possess mobility and adaptability for changing conditions of the environment» [6,37].

To the opinion of Y. Yu. Ksensova, responsibility of a teacher for the final result is possible «only on the condition of comparison of educational process on four levels: methodological, theoretical, methodics, technological» [7,10].

All above stated follows that: technological changing of educational process, warranting it's quality, starts from designing, that is to say, from making working programme on the subject.

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