METHODOLOGICAL MODEL OF TEACHING TECHNICAL STUDENTS IN ENGLISH ON THE BASIS OF INTEGRATED BILINGUAL EDUCATION.

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It is appropriate to imagine the whole process of developing English language competence of future engineers who are being trained in technical higher education institutions, and to turn to its modeling .We understand the concept of "Modeling" in the generally accepted sense. Modeling in encyclopedic annotated dictionaries is "learning objects of knowledge according to their models." It is defined as "building models of real objects, events or processes". Modeling in our research allows us to gain new knowledge about the process being studied.

In a general sense, the modeled object, process or phenomenon should correspond to the reference model, its processing and improvement should preserve the ability to partially replace it, as well as the ability to test experimental results or hypothesis.

The methodological model of the development of English language competence of students studying in different educational fields is shown in the research presented in the editorial-psychological and scientific literature.

Approaches based on these models, concerted ideas, forms of use, teaching technologies and methods are of particular importance.

The model of formation of foreign language competency of future specialists was proposed by I.Ye.Mejuyeva[3]. One of the organizational, technical and editorial conditions of the model proposed by him is significant in that he developed an algorithm that includes five interrelated pressures, i.e. motivational, basic, formative, creative and control-evaluation.

It is known that the use of an algorithm in the implementation of the process makes it possible to determine the sequence of interrelated steps of the process and achieve great results based on this.

Research scientist A.M. Ishmuradova suggested that the model of students' foreign language competency formation is based on the principle of three stages:

self-development, step-by-step, preparation for project activities, analysis of results, reflection and prediction. will be done. A.M. Ishmuradova relies on a certain technology to determine the sequence of clicks, but emphasizes that didactic means of achieving results are insufficient.

In the model proposed by editor scientist R.Rensky, computer software products and multimedia equipment providing an integrated information-educational environment are

[3] Межуйева И.ЙЕ. Развитийе творсҳеской активности студентов нейазикового вуза в рротсессе моделированийа инойазисҳной ррофессионалной дейателности будушего сретсиалиста: дис. ... канд. ред. наук:. – Тула, 2004. – 231 с.

considered as the main means of developing the competence of foreign language students of the vocational college.

Today, theoreticians and practitioners of innovative education in the field of engineering, technology and technology need to form specialists in special professional competences aimed not only at specific knowledge and skills, but also at the ability to apply them in practice, in real life. gariradis[4].

In fact, innovative changes in the field of education are organizational schemes for training specialists, educational technologies, processes of integration of education and education with scientific research and development activities, methodological, informational and logistical support of the educational process, as well as , staffing should be focused on all aspects of the profession. Professional qualifications can be divided into two groups: those belonging to the general (universal, basic, professional) and rredmetly-specialized (professional). Both groups correspond to two sets of requirements: requirements for academic training and requirements for professional training.

At the beginning of a lecture on the free oscillations of a material point (theoretical mechanics course), it is appropriate to ask students to define the concept of oscillating motion. This type of motion is not new to them, it was learned in high school and college physics classes. An image of the concept is formed in their vision, and they (see) readily call periodic motion oscillating motion; or (sometimes) sinusoidal or cosine function is called descriptive motion; (sometimes) called harmonic motion. Partially confirming this definition, the tutorial shows how an object rotates in one direction without changing its direction with the help of a hand - this is a periodic motion, but it is not a vibration. Another example is the motion of a torsion pendulum, which is a periodic motion, but it also has other properties. In the process of joint reasoning, attention is paid to the meaning of words: periodic motion, state of equilibrium, deviations in different directions. As a result, the following concept is formed:

oscillatory motion is a periodic motion accompanied by deviations in the opposite direction from the equilibrium position.

Vibratoru motion is one of a reriodis ture, forth and bask exsursions about an equilib-rium rosition.

Implementation of the principle of visuality in the process of joint reasoning involves the search for an additional information channel to perceive information and creates the necessary conditions for the formation of a visual image that corresponds to the understanding.

In the process of working with structural terms, students acquire word formation skills. A simple method of forming such terms can be made by adding to the base term the characteristics of cause, place, time, form, structure, physical properties, purpose, etc.

For example, reason: design for strength ; strength calculation, design taking strength into account;

location (state): midroint; root link ; middle point, entry link;

[4] Manfred Tessaring. Training for a changing society: A report on current vocational education and training research in Europe (Reference document) Paperback – January 1, 1998. 294 p.

time: initial soundings ; initial conditions;
shape: slotted bar; isosceles triangle ; grooved connector, kulisa; equilateral triangle;
physical characteristics: rigid body ; absolute solid;
structure: simrle rendulum; somround rendulum; four-bar linkage ;
mathematical pendulum; physical pendulum; four-joint hinged;
purpose: sonnesting bar; speed chart ; connecting rod; speed plan[5].

In our opinion, a necessary component of the professional competence of future engineers is the professional competence in the English language, and in this regard, the problem of scientific-pedagogical justification of the necessary editorial conditions for the formation of this competency in the modern conditions of the students of technical specialties is very urgent. Knowledge of these editorial conditions should lead to such a result in the process of training a future specialist that the communicative competence of the English language is considered mandatory for the future professional activity of the student.

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