Linnaeus ECO-TECH 2016 Kalmar, Sweden, November 21-23, 2016

COMPETENCE APPROACH IN THE EDUCATIONAL PROCESS OF STUDENTS-**ECOLOGISTS**

V. Yu. Rud, 1,2 V.V. Krasnoshchekov² N.N. Bykova³ ¹Federal State Budgetary Scientific Institution ²Peter the Great Saint-Petersburg Polytechnic University ³Saint-Petersburg State University of Economics Russia

Abstract

An increasing number of international projects, academic mobility, inclusive education students make a tangible contribution to the development of intercultural relations conducive to the formation of a tolerant multicultural society. The use of competence-based approach and new methods of distance education increases the efficiency of training of foreign students-ecologists.

Main methodological approaches used in modern domestic pedagogics, when competence approach are:

- system;
- activity;
- practice-oriented;

- acmeological;
- cultural-ecological.

Most members of the "pedagogical" areas agree that the study of the integral educational process is only possible from the standpoint of system approach, allowing to represent it as a pedagogical system that includes components such as: content of training; training facility; training of students; the forms and methods of teaching; educational and scientific activity of teachers.

Have to agree with the prevailing opinion that the concept of "educational process" is somewhat broader than the concept "pedagogical process", since the education includes, apart from teaching, still a variety of managerial, social, cultural, psychological-pedagogical, medico-pedagogical, economic and other related aspects of educational activities.

The problem of changing paradigm of the educational process for the University today is a major. You can accept a position, according to which - purpose "paradigm of learning" is not to improve the quality of teaching ("teaching"). In fact – it is a means to achieve, and the goal is to continuously improve the quality of learning ("learning"), the productivity of education. This statement of principle student-centered approach to learning is still underestimated by the Russian representatives of the pedagogical science and practice. Competence-based approach defines learning as a base for development of competences included in the primary outcome of the educational activity - that is, a set of competencies which enable students effectively to socialize, to maximize the voi of the creative and intellectual abilities.

It is increasingly clear that the competence approach, which allows to implement new labour market requirements, can be fully applied, if there is no common understanding and certainty in the approach to the content competencies.

Reusable periodicity and the possibility of repeated training and self-assessment helps the student to improve their knowledge and skills in preparation for competition in physics. The teacher gives the task via the Internet in MOODLE system. Student house in the reading room or computer class gets the possibility of multiple repetition and the appeal to the examples and tasks and also to manage their time and to mobilize their abilities depending on the level and complexity of the examples and problems- that is, it is the timing and duration of multiple attempts assignments in physics.

The authors Express their sincere gratitude for the discussion of the results of the work for Professor Dmitry Germanovich Arseniev (Russia).