## Innovative approaches to ESL learning through the example of TPU

In the conditions of the modern world, processes of globalization and europeanization, the increase in mobility of experts of various profile, including technical, the insufficient attention to training in foreign communication in technical college can lead to problems of future graduates in their professional activity [2]. Along with good fundamental preparation, the ability to self-education, non-standard decision-making, creative activity, knowledge of the effective organization teamwork, abilities to be freely guided in information space for the modern expert are very important. Foreign language provides the solution of all specified problems of training of the modern professional, and professional foreign-language communicative skills are considered as an important component of structure of professional competence of the engineer. Language becomes real means of promoting on a career ladder. Thus, the foreign language as a subject makes a positive contribution to the competencies of a modern engineer.

Nowadays the consecutive and steady movement to creation of information society which is urged to create the best conditions for the maximum self-realization of each person is observed in the world. The bases for such process are intensive development of computer and telecommunication technologies and creation of the developed information and education environment.

In general the Internet technologies are less expensive in use, high-speed, resource-saving, and also allow providing extensive access for users at the same time. Changes in access and speed of connection are followed by development of computer programs and their management. On this basis, it is possible to establish the fact that transition to information society assumes deep communication between three components: information, value of new information technologies and socially structural changes in society.

These factors result in need of active use of the Internet resources in education. Introduction of information technologies in educational process takes the increasingly larger role in teaching. The introduction of information communicative technologies as means of an intensification of process of training is carried out by TPU since 2002.

One of the effective instruments for independent work of students learning English was application of the WebCT technologies. Now TPU gives preference to Moodle. Availability of the Moodle technologies extends on educational process. The essential advantage of the Moodle technologies is the possibility of an individualization of process of training by drawing up tasks and expansion of an intellectual scope in specialty, and also the development of abilities in the field of a foreign language [1]. Applying Moodle technologies increases motivation of students to learn foreign language, and also provides active independent work of students.

Thus, successful realization of the Moodle technologies in performance of independent work of students on a foreign language in technical college pursues the following important tasks:

- activity approach to the training material, more successful realization of the principle of a professional orientation;
  - formation the readiness for independent work, development of computer literacy;
- providing effective feedback on the basis of a combination of test computer control of knowledge to performance and representation by means of the Moodle technologies of the generalized knowledge.

When using the Moodle technologies it is necessary to consider some important conditions of their efficiency. First, the competent use of information technologies in educational process meaning gradual inclusion of the student in a process of independent work which constantly copes remotely and regulated by the teacher. Secondly, well developed structure and the maintenance of tasks on discipline in the on-line mode. Thirdly, it is the mediated interrelation of the teacher and student on the Internet.

Independent work of students acts as the most important form of educational process providing formation at future experts the readiness for self-determination, the independent solution of objectives. The independent work of students applying Moodle includes preparation for a practical training, performance of homeworks, independent work on different subjects according to the program, work with additional literature, writing the thesis in a foreign language, self-examination of knowledge and skills.

Thus, use of information technologies in educational process significantly promote the best mastering of new material, increase motivation in learning foreign languages.

## References

- 1. Лапицкая О.Р. Реализация e-learning на платформе Moodle в обучении иностранным языкам в Томском политехническом университете [Текст] / О.Р. Лапицкая // Молодой ученый. -2011. № 4. Т. 2. С. 105—107.
- 2. Плеханова М.В. Роль и место межкультурной компетенции в структуре общей компетентности студентов технического вуза // Вестник Томского государственного университета: Актуальные вопросы современной филологии: теоретические и прикладные аспекты. Август 2006, Бюл. № 85. С. 190–199.

Scientific supervisor: E.Yu. Kosheleva, Associate Professor, TPU (Tomsk polytechnic university), Russia