

## **SECTION 13. THEORY AND PRACTICE OF EDUCATION MANAGEMENT**

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### **PECULIARITIES OF MANAGEMENT STUDENTS' STUDYING DISCIPLINE BIOCHEMISTRY BY THE EDUCATIONAL PLATFORM MOODLE**

Responding quickly to the labor market needs in the context of reforming Ukrainian education is impossible without implementation the management of the educational process. This aim can be achieved by creating and implementing e-learning courses [2].

The aim of our study was to investigate the possibility of using the Learning Management System (LMS) Moodle to manage the process of studying Biochemistry at the Department of Physical Training in T.H. Shevchenko National University «Chernihiv Colehium».

Used in our study educational platform Moodle is quite convenient for the implementation in educational process because it can be admitted without charge and allows applying a wide range of didactic materials, including distance learning [1]. Particularly, for students at the Department of Physical Training who are studying Biochemistry, by the LMS Moodle can be provided videos of laboratory experiments, multimedia presentations from a lecture course, test sessions for current and final assessment, tasks for independent investigation work, etc.

The teacher, through his own profile in LMS Moodle, is able to see the results of students' work. In particular, there is given the information about test questions that was answered by students correctly and which – not. This allows the teacher not only to see the mistakes in the knowledge of each student, but also to make adjustments to the test task, if, for example, none of the students gave the correct answer or, conversely, all 100% of students answered the question correctly. The teacher is also able promptly adjust the learning process by sending personal messages to the performers about their grades. In addition, an individual approach is widely implemented by thatcher's selection of tasks for each student based on his or her personal progress in mastering this discipline. LMS Moodle also provides the possibility for teachers to give general information in the heading «Latest

news», writing about peculiarities of tasks, deadlines and assessment features, etc., that further enhances the management function of this training platform. Additional feedback during the studying of the course is provided by the opportunity for students to ask questions directly to their teacher through the personal message form.

At the same time, it has been found that some points need further improvement. Thus, by reducing the oral communication between the teacher and students, the opportunities for developing language skills, which are very important for future graduates of pedagogical higher education institution, have worsened. In addition, not all students were prepared for the widespread implementation of the principle of self-completion of most study tasks, which is assumed by the using of this educational platform. Some of students even tried to use the help of senior students and outmen by giving them own Moodle login and password, and the teacher had no real opportunity to prove such a transfer.

Thus, in general, the use of LMS Moodle in the processes of studying Biochemistry by students at the Department of Physical Training has led to the increase in overall level of preparation to the various forms of assessment and also to the decrease in the percentage of students who has got for this course «FX» or «F» mark. At the same time it is necessary to say that the methodology of using this educational platform as a learning management tool needs further improvement.

#### **References:**

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