

Study of the discipline «Chemistry» using ICT by students of agricultural specialties

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Chemistry is theoretical basis of agronomic sciences, the purpose of its teaching which is to prepare students to study disciplines related to the formation and conversion of compounds in the nature. To date, the task of learning chemistry is possible to implement only taking into account the trends in the informatization of the high-er education system. It is a qualitatively developed and affordable electronic educa-tional and methodical complex that can be a key to raising the level of education and professionalism of students. Currently, the development of a computer shell Eumk is made using software packages such as Adobe Dreamweaver, Toolbook, Courselab, Quiz Force, Power Point Force, MS Office, LMS Moodle, etc. [1,2]. At the Department of Chemistry, an electronic chemistry course was developed for specialties of *Zooengineering* and *Industrial fish farming* on the basis of LMS Moodle, containing the materials necessary for implementation within the disci-pline of all planned types of work and achieve all planned learning outcomes. Text, graphic, multimedia files of various formats are prepared, as information support and professional-oriented material learning a list of references, reference catalog to extensive Internet resources. Functional blocks contain educational and methodological materials, interactive elements and static resources of the Moodle system: lectures, glossary, test tasks, reference materials, web pages and Wiki [3]. To verify the assimilation of the material passed, various control options are possi-ble, including the scheme and criteria for the current and final estimation of topics, laboratory sessions of independent work and individual tasks, as well as obtaining a final assessment on discipline. Evaluation of the knowledge and skills acquired when performing experimental work was carried out by testing in the electronic training environment Moodle. To enable the student to access courses using a mo-bile device, you need to install the application, enter the address of the distance learning site (him.moodlecloud.com), your username and password.

Thus, the use Moodle of allows the teacher to improve the quality of education of full-time students at the expense of a built-in system for monitoring their knowledge for each topic.

References

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