



E-classrooms at Hydrology courses

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ABSTRACT

A very fast development of new information communication technologies (ICT) has enabled the new forms of education. The article describes e-classrooms of Hydrology courses at the Faculty of Civil and Geodetic Engineering of the University of Ljubljana. They were created with a free, open source learning management system for online learning – Moodle (Dougiamas, 2007). Our e-classrooms are not a replacement for face-to-face teaching, but rather its effective supplement – a hybrid courses or blended learning. Such classes are more effective and efficient. Besides the availability of the study materials that are easily accessed and uploaded in such e-classrooms, students can communicate with each other and with their teacher whenever their schedules permit, work in groups, examine their knowledge etc. The teacher can guide students throughout the study, follows their progress and their collaboration, gathers and reviews assignments etc. We have been implementing the e-classrooms for the seventh year and the experiences are very positive. Also the student's response is very positive. The attendance of the students in the e-classrooms is very high. Three years ago the whole Faculty established the system of e-learning (Moodle platform), so every teacher can easily create his own e-classroom. Our students are very enthusiastic and satisfied with such a method of teaching. We noticed that a combination of traditional and distance based education is a very effective one.

KEYWORDS

E-learning, e-classroom, hydrology, Moodle