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Particularities of blended learning implementation in teaching physics by means of LMS Moodle

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Abstract

© 2017. revistaESPACIOS.com. Currently e-learning has become an integral part of university education. It is also an integral part of distant education, which is now rapidly developing. One of the most effective patterns of modern higher education is blended learning that combines traditional classroom activities with elements of distance training, and makes a wide use of modern information technology. The study covers the authors' experience in the implementation of blended learning in teaching physics through LMS Moodle to undergraduates who follow the Professional Education program "Energetics". It focuses on the structure of the distant education modules developed by the authors as well as on the methods of their use. While analyzing the results, the authors came to the conclusion about educational expediency of blended learning modules in the framework of undergraduate programs.

Keywords

Blended learning, Distance learning, E-learning course Moodle, Learning process, Physics education

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