

Summary

In the diploma work students 6 courses, group OF-51s, FMF,
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On the theme: «**The use of IT during practical lessons in physics (for example, themes “ Thermodynamics”)**»

Relevance: to increase the efficiency of the workshops is important to use IT.

Problem: previous experiments have shown that the use of information technology significantly improves the learning process, which is why online learning system Moodle for practical lessons on physics really will have good results compared with other approaches to learning.

Solutions to the problem: in order to make the workshops as comfortably as possible, we had compiled a set of methodological support which fits perfectly in the current program of physics for students of technical university, containing: practical training plans; e-compendium; the table of basic formulas, equations and laws; guidelines for solving problems; Examples of solving typical problems; problems for solution under the guidance of the teacher; tests; quiz; problems for homework; video film collection.

Results and conclusions: For the purpose of implementing the tasks and was prepared teaching materials, which aims to improve the efficiency of practical training in physics. Development of teaching materials made in accordance with the requirements derived from psycho-pedagogical and methodological literature and course content of physics.