

## **MODERN TECHNOLOGY AS A MEANS OF INCREASING THE EFFICIENCY OF EDUCATION**

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The information of a modern society is actively reflected in educational process. All this promotes not only development at the students of skills of job with the computer, but mainly, forms need for application of new information technologies in the future professional activity. The modern packages of the applied programs as Matlab-7, Mathematica, and Maple enable the students to apply methods of scientific calculations to the decision of economic and financial tasks in an audience. The students of the senior rates have a good level of possession of the computer and theoretical stock on specialties. Therefore application of these packages in a rate «Computer processing of the economic information « is effective. The packages of expansion in structure Matlab-7 as Financial, Statistic, Optimization, Simulink are modules of account.

The package Financial can be used for the analysis of the interest rates and profit, incomes and deposits, calculation of cost of valuable papers, construction of the financial diagrams. The package Neural network can be used for management and financial modeling. The package Optimization includes algorithms of methods of optimization of linear and nonlinear functions many variable. The package Simulink allows investigating process of market balance, pricing, optimum to plan in firms, banks, insurance companies and pension funds. He also is allocated the tool of graphic modeling. With the help the package Statistica is possible to automate the decision of tasks of economy, marketing and management, management of the finance, to predict a market situation and to make an estimation of efficiency of the advertising company.

The offered packages require of the teachers to have skill of job with them, allow increasing efficiency and quality of training in preparation of the experts of economical-financial faculty.

### **References**

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