

Advance Innovative Education and Professional Training of Elite Specialists in Tambov State Technical University

S.V. Mischenko, S.I. Dvoretzky, N.S. Popov, V.F. Kalinin

Tambov State Technical University

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Abstract: A model of continuous professional education is based on the principle of advance development of educational potential as related to social economic potential. These potentials are mutually conditioned and form a dialectic unity. The principle of advance development can be successfully realized through the advance development of research and reproduction of highly qualified researchers for various areas of industry, science and education. The model of professional education is improved dynamically due to continuous forecasting of new tendencies and changes in science and technology, professional field and work contents, and thus, those changes are continuously reflected in the system of professional training. To provide the correspondence of advance qualification requirements for a specialist to the perspectives of science and technology development, as well as to personal and social needs, becomes the ultimate aim of professional training.
