
The development of the Russian engineering education (to the 30th anniversary of the Aerospace Faculty of Bauman Moscow State Technical University)

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The article analyzes an experience of cooperation of the BMSTU Aerospace faculty and JSC "MIC "NPO Machine Building"", their contribution to development of technical education. Interaction of the University lecturers and of the enterprise staff for creation of originally scientific environment in the course of professionals training is shown from the positions of scientific approach. The contribution of both parties on socialization of students is considered. Ways of achievement of education result — formation of social and personal engineer competences — are presented. Possibilities of collaboration improvement at the present stage of science and technique development are revealed.

Keywords: higher education, Aerospace faculty, manufacturing practice, common cultural competences, professional competences, socialization, engineering training.

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