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Development, Creation and Implementation of e-learning and Web Based Programs for Manufacturing Engineering Teaching

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There is a big need to implement new methods to the educational process in technical universities. Information technologies such as Internet and Intranet applications, e-learning, Web Learning System, Web Based Training and multimedia programs seem to be good candidates for improving the teaching and make the educational process more effective and attractiveness.

The paper deals with development and creation of e-learning programs and WEB based educational programs oriented on manufacturing engineering. Special attention is given to area of programming of CNC machine tools and to programs for process planning of manufacturing processes. The benefits, outputs and international collaboration connected with utilization of the e-learning programs, multimedia programs and WEB based programs will be described on the conclusion. ■



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