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Economical changes in Europe, as well as rising global competition are the reasons for continuously growing interest in Automation and Robotics. It causes the significant extensions of the needs and the offer in vocational training area, while development of ICT techniques enables the introduction of new teaching methods. One of them is e-learning – distance learning supported with electronic presentation and communication media. E-learning can be applied both in a school based teaching and in a vocational training for adults, and its advantages are especially significant in technical professions. This paper presents the application of e-learning in the area of Automation and Robotics.