

## **Annotation**

This diploma project provides a technology for creating laboratory works based on the Ni ELVIS educational station and the LabVIEW graphical programming package. A laboratory layout is described that allows you to master the principles of building modern programmable information and measurement systems that are widely used in production and research. In the economic part, the costs of developing laboratory work and employees' salaries are calculated. In the section "life Safety", the necessary calculations of the air conditioning system, calculation of harmful substances during soldering are calculated.