

Division: *Institute of Engineering and Technology*

Academic programme: *13.03.02 Power Engineering and Electrical Engineering*

Mode of study: *full-time, part-time*

Programme length: *4 years*

Programme level: *Bachelor's degree*

Language of instruction: *Russian*

Programme description: *This programme in Power Supply Systems of Industrial Enterprises and Cities provides knowledge that to that maximum extent meet the requirements set for specialists working at electric power supply facilities at any production complex or in cities. In the process of training, various computer programmes are widely used (for computer-aided calculation, computer-aided designing, 3D modelling, etc.). Our students successfully master this software during their training. They learn how to calculate various modes of operation of electric power supply systems; select electrical equipment; calculate the characteristics of protection devices and adjust the relay protection; evaluate the electrical power quality; assess the reliability of electric power supply systems; and calculate artificial lighting systems.*

Main programme-specific classes:

- *Power Converter Equipment*
- *Transient Processes in Electric Power Supply Systems*
- *Electrical Engineering and Process Industrial Units*
- *Electrical Power Quality in Electric Power Supply Systems*
- *Surge Voltage in Electric Power Supply Systems*
- *Relay Protection and Automation in Electric Power Supply Systems*
- *Digital Modelling of Electrical Power Grids*
- *Operation of Electrical Equipment of Electric Power Supply Systems*

Programme manager: *(Full name, academic degree, position)*

M.A. Dziuba, Candidate of Sciences (Engineering), Associate Professor of the Department of Power Stations, Grids, And Electric Power Systems