

11.04.04 Electronics and nanoelectronics

Instrumentation and Nanoelectronics

Partner university: Daulet Serikbayev East Kazakhstan Technical University (The Republic of Kazakhstan)

Abstract: The program is aimed at training specialists with deep theoretical and practical knowledge in the development of radio electronic equipment using nanoelectronic products.

Curriculum features:

- Circuitry of measuring devices;
- Measurement Software;
- Transmitters and Sensors;
- Physics of electronic devices;

Career opportunities:

- Measuring Systems Engineer;
- Electronic engineer;
- Optoelectronic device engineer;
- Flight engineer;

Program Supervisors:

Alexander S.Bakerenkov – Head of the Department of Micro- and nanoelectronics, Candidate of Technical Sciences.

Tamara Segeda - Head of EKSTU Department “New Technologies and Materials in Nuclear Industry”, Director of Center for International and Educational Programs, Candidate of Physical and Mathematical Sciences