"The aim of the course" Physics of micro- and nanotechnology "concept to provide basic fyzychnyh processes in micro- and nanosystems and provide quality special general engineering training future professionals that will help develop micromechanical structures on which are built various types of instrumentation and systems for various purposes. micromechanical structures used for measuring displacement, velocity, acceleration, vibration parameters, pressure etc. in industry, science, the automatic regulation and control.
To acquaint students with the methods of measurement tools for determining the parameters of nanostructures.

The starting material for the preparation of the curriculum course "Physics of micro- and nanotechnology" for training direction 6.051003 Instrument and professional direction "Devices and Precision Mechanics", "Information technology in instrument" is a requirement to graduate above industry specialty.