Summary of discipline Intellectual Devices and Systems and Computer Design The aim of the course "intelligent devices and systems and their computer design" provide quality special engineering training specialists in the design, research and operation of intelligent devices and systems used for measurement in industry, scientific research in automatic control, regulation and management. The starting material for compiling curriculum course "intellectual instruments and systems and their computer design" for specialty 7.05100306 "Information technology in instrument 'requirements are leading industrial enterprises above to graduate specialty. The course "intellectual Devices and Systems and Computer Design" is a concrete continuation and development of special courses "means intelligent monitoring and diagnostics", "turning devices devices", "Metrology", "Theory of automatic control" and others.