# My Speciality (Part I)

One of the leading departments of Ukraine, whose alumni activities are related to computerization, is the Department of Computer Engineering of Faculty of Informatics and Computing Technique of National Technical University of Ukraine "Kiev Polytechnic Institute". Our students receive a fundamental knowledge of: programming, mathematics, telecommunications theory and means, computer and microprocessor technique, Theory and Control Systems, design. Activities of graduates in the field of informatics: organizational, management, research, technology, design and engineering. Places of employment of graduates: research, analysis, design, research, industrial organizations and institutions of state and private forms of ownership: industry, energy sector, science and education, transport and communications, service, health care, credit and financial services, government. The department is equipped with modern appliances. Each student has an opportunity to work at a certain time in the labs (data transmission and telecommunications, computerized control systems and automation, electronics and microprocessor technology).

# My Speciality (Part II)

The basis of the educational activities of the Department relies on the concept of combining a traditional full-depth comprehensive education and professional requirements from the modern industry. To accomplish this, our students perform educational and scientific work, and participate in engineering projects of the department. This concept is being implemented by teachers of the department - professionals who have the abilities of experienced trainers, scientists and engineers. Teaching our students by the university's plans and programs is intertwined with research activities and participation in engineering projects under the guidance of teachers of the department. Getting a diploma of higher education, our graduates can get 5-6 certificates from leading manufacturers of network and information technologies, equipment for the computer control systems, technologies for computer-aided design and programming.

In particular, a regional Cisco Systems network academy operates on the department's basis - the world leader in production of networking and advanced communications technologies, where our students have the opportunity to undergo training under the Cisco Certified Network associate program and get a certificate in network technology of international standard. Training in Cisco Regional Networking academy for the level of CCNa allows you to work with any network comprising any equipment of any world-wide manufacturers. With successful completion of the exam (3 attempts are given) student receives a personal license certificate of CCNa qualification, which guarantees a prestigious high-paying jobs in computer networking area. In addition, each student can participate in the study programs to further certify in such tools and technologies: design technology software; operating systems UNIX, LINUX; SCaDa-systems; systems programming; Internet-providing; the world's leading manufacturers of controllers (Siemens, Schneider).