

ADMISSION TERMS:

- Applicants take exams in Russian, Mathematics, Physics.
- School leavers submit Single State Exam results.
- Graduates of technical schools, secondary vocational schools, high professional education, foreign citizens, disabled people take exams in traditional form.

The program is full-time on budget basis and paid basis.

The term of full-time studies: 4 years.

Official site:
iate.obninsk.ru

Admission Committee:
priem.iate.obninsk.ru

Net school:
school.mephi.ru

ADDRESS :

249040, Obninsk, Studgorodok st., 1

TELEPHONE :

+7(484)393-69-61



INTERNATIONAL CAMPUS

- ecologically clean place
- complex of dormitories for 2000 students
- comfortable social environment
- developed infrastructure
- students' theater
- sports club



MASTER'S DEGREE

Educational programs are developed in the interests of employers. Practical training in laboratories of the leading companies. Efficient employment system. Startups support.

POST GRADUATE COURSE

Research in breakthrough fields of science. Research advisors are scientists of world level. Assistance in winning grants. Access to equipment of our partner-organizations.



THE SCHEME OF TRAVEL TO THE IATE MEPhI



INSTITUTE OF CYBER INTELLIGENCE SYSTEMS

EDUCATIONAL PROGRAM 09.03.01 COMPUTER SCIENCE AND ENGINEERING





GENERAL INFORMATION

HEAD OF EDUCATIONAL PROGRAM



**Dr. Physics & Mathematics
Sergey Starkov**

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Program Profile:
"Automated Systems of Information
Processing and Control"

"Computers, Systems and Networks"
Qualification: Bachelor, Master

PROGRAM OBJECTIVES:

The program "Computer Science and Engineering" integrates knowledge of breakthrough modern IT-technologies, programming engineering, artificial intelligence, microprocessors, networks and cloud technologies, high-performance computational complexes and architectures.

MAJOR DISCIPLINES

- Object-oriented programming
- Information web-technologies
- Microprocessor systems
- Information protection
- Intelligence information systems
- Programmable logical integral circuits
- Programming of mobile applications
- Peripherals interfaces
- Theory of information coding
- Microprocessors and microcontrollers
- Single-chip microcomputers
- Programming paradigms and patterns
- Nonprocedural programming languages
- Systems analysis

ADVANTAGES OF EDUCATIONAL PROGRAM

Special feature is that along with the knowledge in computer and network systems and technologies, modern techniques of software development our graduates master high competences in software-hardware solutions, architecture and functioning of modern computer, microprocessor systems and devices. Specialists trained in our department are able to ensure interaction between autonomous standard and special computing devices in terminal complexes, distributed computer systems, computer networks, automation systems using both standard and special hardware and software, protocols and interfaces. The key place in training is given to artificial intelligence technologies studies: neural networks, robotronics, computer vision, pattern recognition.



EMPLOYMENT FOR GRADUATES. CAREERS. PARTNERS OF THE PROGRAM.

Graduates are demanded in a variety of modern IT-professions starting from software development, work with computer hardware and software, microprocessor systems and devices, creating diverse net and mobile applications, and finishing with creating computer modeling and automatic designing systems. Graduates will be able to work as executives and employees of programming companies, computer production and sales firms, specialists of CPCS and IT departments in various companies or continue their studies in master program. Basically all graduates continue their careers in IT-technologies area. Our partners and bases for practical training and graduate qualification works are the leading scientific organization of Obninsk science city (IPPE, RIHMI-WDC, JSC "TEKHOLOGIYA", JSC "TYPHOON", MRRC, KNIRTI), small and medium innovation businesses of Kaluga Region ICT-cluster.