NJIT
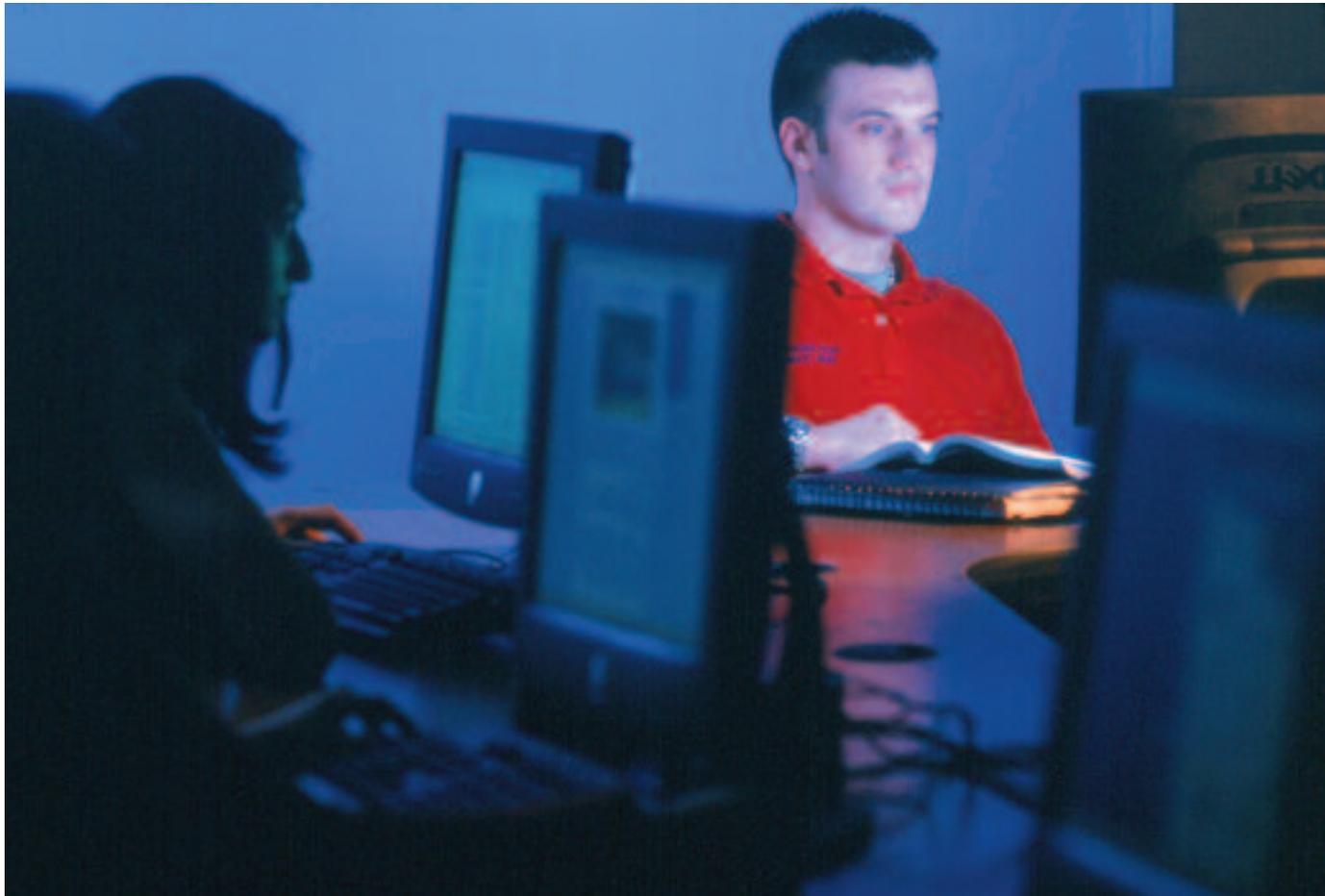
New Jersey's Science & Technology University

THE EDGE IN KNOWLEDGE

Bachelor of Science Program in Information Technology

College of Computing Sciences

New Jersey Institute of Technology

WHY STUDY INFORMATION TECHNOLOGY?

Technology and science are transforming our world, changing the way we do business, the way we learn, the way we communicate, and even the way we entertain ourselves. Success in any field – law, medicine, business, education, entertainment, finance and investment – requires a command of technology. As the convergence of telecommunications and computing, information technology is the foundation of the 21st century economy. The bureau of labor statistics ranks the profession as the number one fastest growing profession over the next ten years. IT offers fascinating, mission-critical, high paying jobs, national job growth and multiple career paths.

WHY STUDY INFORMATION TECHNOLOGY AT NJIT?

NJIT is ranked by the Princeton Review as one of America's "most connected colleges." The university has also been designated a Center of Academic Excellence in Information Assurance Education by the National Security Agency In addition, New Jersey offers many career opportunities, with the nation's fourth largest concentration of jobs in data processing and information services.
The BS in Information Technology offers a multidisciplinary approach, allowing students to choose a specific area to apply computing and telecommunications technologies. The program balances emphasis on software and hardware applications with an array of specializations in many fields, leveraging the strengths of all of the colleges. IT Courses are taught by faculty and industry professionals with years of IT experience, with a hands-on approach that provides a real grasp of technology, development tools and paradigms in demand by industry.

WHAT WILL I LEARN?

The BS in Information Technology provides a university level of sophistication in IT with a sound foundation in the computing sciences leading to a Bachelor's of Science degree. Students explore cutting edge software technologies, specialize in computer security in our network and information assurance concentration, or specialize IT with other disciplines like multimedia, network security, management, gaming, criminal justice and law. IT provides a solid understanding in existing and emerging information technologies which serves as a foundation for your specialization and professional career.
The program emphasizes real-world, experiential learning through capstone projects and co-op and internship opportunities with top technological companies and state and federal organizations, as well as opportunities to assist in research with the entire university faculty.

WHAT SPECIALIZATIONS ARE AVAILABLE?

IT specializations are offered in conjunction with departments in every college at NJIT and with Rutgers-Newark. Courses are balanced between theory, individual study and practical application to provide a background appropriate to a career in a continually changing field. You can choose from many specializations that build on the IT core courses. Specializations involve 9 courses taken in conjunction with the IT core of 10 courses.
Options include:
- Systems integration, administration, design, deployment, and management of computing and telecommunication resources and services.
- Security and information assurance, ethical hacking, intrusion detection.
- Multimedia, graphics design, entertainment technology, and animation.
- Game development including options in programming, art and design.

- Management information systems and accounting.
- Criminal justice and law, computer forensics.

WHAT JOBS CAN I GET?

Every major industry depends on IT professionals and their ability to design, set up, program and support the tools and infrastructure needed to compete in a technological world. Career opportunities include:
- **Network Security:** System Administrator, Network Security Analyst
- **Multimedia:** Graphics Designer, Video Editor, Graphics Artist & Animation
- **Criminal Justice & Law:** Law Enforcement, Forensics specialist, National Security
- **Management Information Systems:** Accounting, Finance, MIS Administrator
- **Game Development:** Game Designer, Software Designer, Game Programmer

NJIT AT AT A GLANCE

- New Jersey's Science and Technology University, founded in 1881.
- Enrollment of more than 8,800 undergraduate and graduate students in six schools small-college intimacy with big university resources.
- 45-acre campus with a recently-completed $83-million construction program featuring a new Campus Center.
- A *U.S. News and World Report* "Top National University."
- A *Princeton Review* "Best College."
- Ranks 7th in the nation in diversity with students from more than 100 countries
- 13:1 student-faculty ratio.

FOR MORE INFORMATION:
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TO APPLY:
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