

We Educate
One of the
Largest Groups of
Information Technology
Students in the Nation

Top 10%
of the Country
for Computer
Information Systems
– College Factual

NJIT is
Ranked No. 11
Nationwide for
Career Placement



New Jersey Institute of Technology
Ying Wu College of Computing
Guttenberg Information
Technologies Center (GITC)

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**Connecting People
and Technology!**

Informatics

**Ying Wu College
of Computing**





The Ubiquitous Computer

Computing and its applications are literally everywhere and have completely transformed how people live, work and play. Informatics addresses the connection between technology and people – how it is embedded throughout our world and used to solve important problems, particularly in the business world.

Information Systems

The Information Systems (IS) field bridges computing and business at the heart of the internet-based economy. IS professionals serve as the critical link between the technical and business areas of the modern enterprise. They analyze the requirements and then design, implement, deploy and evaluate the computing solutions that drive the organization, in particular in Web and cloud-based environments.

Information Technology

The Information Technology (IT) discipline addresses the deployment, integration, administration and security of computing and networking infrastructure, resources and services in organizations. IT specialists manage the digital infrastructure and assets of all types of organizations, and are key players in the daily operations of the enterprise.

Department of Informatics

The Department of Informatics resides in the Ying Wu College of Computing – one of the largest in the nation – integrating the Information Systems (IS) and Information Technology (IT) tracks. After studying in a broad array of undergraduate and graduate degree programs, graduates frequently land lucrative jobs in the NJ/NY region supporting the business mission of the vast array of companies and organizations in the region, as all are powered in some form by computing and information systems. The ACM student club provides opportunities for many extracurricular activities.

Human-Centered Computing (HCC) research centers on people (individuals, teams, businesses, organizations or societies) in all stages of information and communication technology development and use. HCC includes collaborative studies in areas such as social networking through web and mobile computing, immersive technologies such as AR/VR and game design, cognitive-based decision support, and educational innovation.

Information Integration and Informatics (III) research centers on the science of information and information processing. It focuses on the development and utilization of digital content, ranging from text in documents and web discussions to multimedia. Our III expertise includes biomedical text mining, search engines, recommender systems, security and pattern recognition, knowledge engineering, and health informatics.

Information Technology and IT Administration and Security prepares students for a variety of careers spanning all facets of the information-age economy. At the undergraduate level, students can focus on various aspects of IT ranging from networks and security, to game development and multimedia, to the legal issues of IT. Graduates emerge from our degree programs prepared to take on the many challenges facing the IT industry today and in the future.



Department Offerings

Programs are offered at our Newark (NWK) and Jersey City (JC) campuses and Online (O)

Degrees & Certificates

Undergraduate (NWK)

- B.S. in Web and Information Systems
- B.S. in Business and Information Systems
- B.S. in Human-Computer Interaction
- B.A. in Information Systems
- B.S. in Information Technology (with an array of possible specializations)

Graduate

- M.S. in Information Systems (NWK) (JC) (O)
- M.S. in Business and Information Systems (NWK) (JC)
- M.S. in IT Administration and Security (NWK) (O)
- Ph.D. in Information Systems (NWK)

Graduate Certificates

- Business & Information Systems Impl. (NWK) (O)
- Network Security and Info. Assurance (NWK) (O)
- Web Systems Development (NWK)
- Software Engineering, Analysis & Design (NWK) (O)
- IT Administration (O)

Visit informatics.njit.edu for more information on these degrees and certificates