



ROBERT A. ALTENKIRCH,
PRESIDENT OF NJIT

NJIT prepares you for the future in practical, tangible ways to an extent unmatched by few other universities. Throughout your classes, membership in student professional organizations, and participation in student competitions, you'll learn to apply theory, tackle real-world problems and develop skills crucial in the professional world. You'll enroll in NJIT as an ambitious student, and you'll graduate as a confident, innovative professional ready to succeed in a technology-driven society.

GREETINGS FROM NJIT PRESIDENT ROBERT ALTENKIRCH

Since NJIT's beginnings in 1881 as Newark Technical School, we've helped students learn what they need to succeed in the workplace. Today, as New Jersey's science and technology university, NJIT weaves professional preparation throughout the curriculum and beyond. We provide the kind of education that makes you more marketable and more valuable as an employee and rising leader in your chosen profession.

With our students, faculty and alumni, NJIT plays a crucial role in the economic vitality of the state. For example, a full 25 percent of practicing engineers in New Jersey earned their degrees at NJIT.

The combination of NJIT's top-notch education, faculty members and facilities, along with reasonable tuition, adds up to an exceptional value and makes NJIT an excellent investment in your future.

Robert A. Altenkirch

"[NJIT is] an intense academic university that allows students to be prepared for the working world."

—Princeton Review's Best 361 Colleges

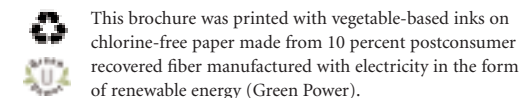
NJIT offers a distinctive combination of strengths that make all the difference in laying the groundwork for a successful career: the majors, the technological and scientific knowledge, the hands-on experiences, the professional opportunities, the outstanding faculty with connections in industry—plus the kind of communication and teamwork skills that are in demand among today's employers.

These strengths are why NJIT is ranked among the nation's top national universities by *U.S. News & World Report*—and why NJIT graduates are in high demand and receive competitive salaries. NJIT also ranks 10th in the nation in diversity, which means you'll learn in an environment that more closely parallels the workplace.

Some of New Jersey's largest and most prominent employers have come to rely on NJIT as a primary source of new employees because they know our students are dependable, hardworking and ready to make an impact in the real world.



NJIT's career fairs offer students and professionals opportunities to connect and network. Such meetings often lead to internships, co-ops or the start of a successful career.



THE IMPORTANCE OF TECHNOLOGY

NJIT's emphasis on technology also makes for excellent career preparation. Consider:

- Engineering and computer science majors took five of the 10 top spots in a list of starting salary offers, according to the National Association of Colleges and Employers. NJIT offers comprehensive and strong programs in both engineering and computer science.
- More S&P 500 company CEOs have undergraduate degrees in engineering than any other major; more than half earned undergraduate degrees in engineering, business management, science, math and computing.
- In one year, NJIT's Career Development Services posted 4,746 technology job opportunities.

SCIENCE AND TECHNOLOGY DEGREES—THE PAYOFF

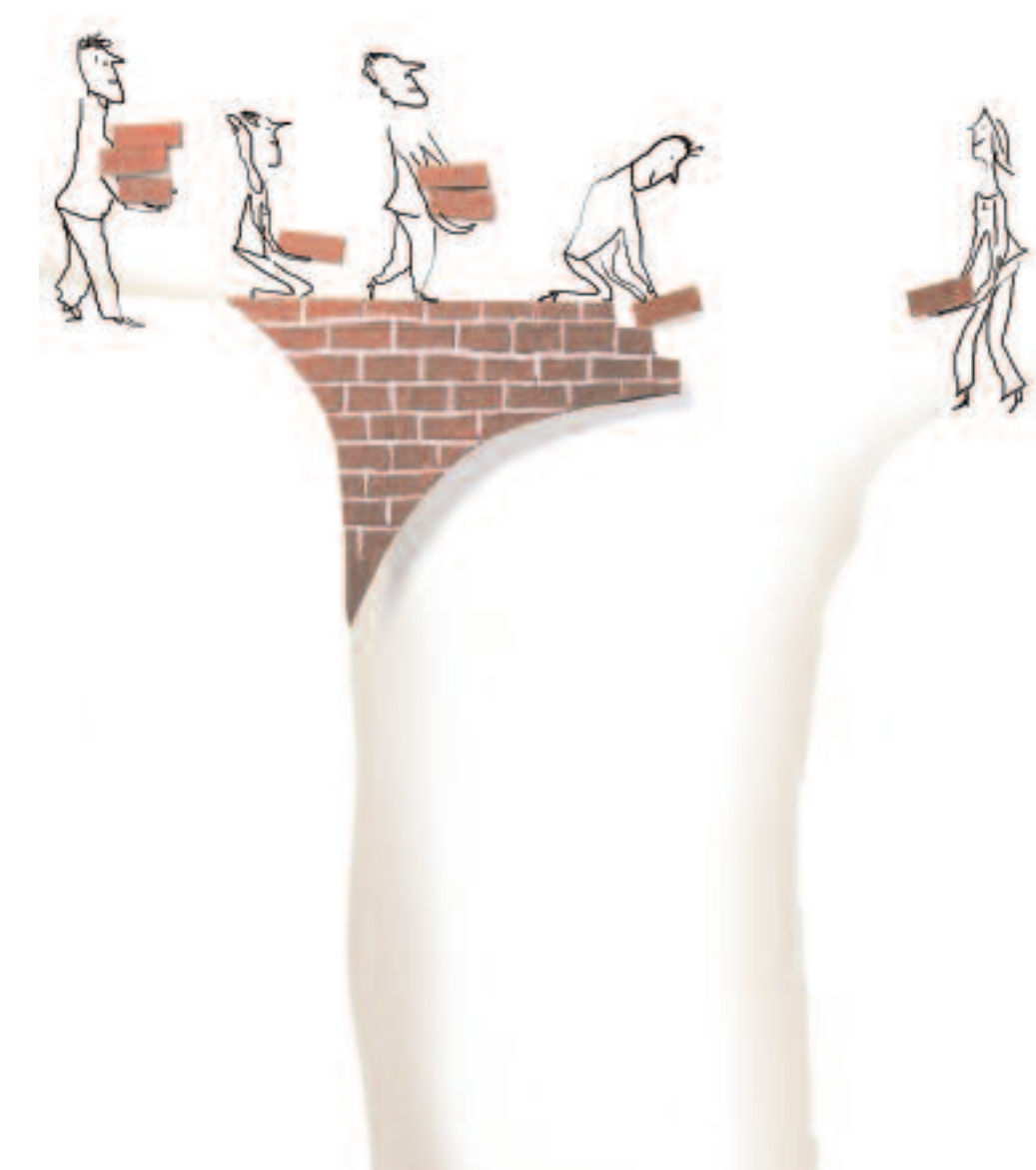
Graduates of science and technology degree programs continue to be among the most sought-after in the job market. Most graduates in these fields will receive multiple employment offers and starting salaries exceeding \$50,000 annually.

For students who wish to continue their education after the completion of the baccalaureate degree, an NJIT degree serves as excellent preparation for advanced study. NJIT graduates have been accepted to the most prestigious graduate degree programs in the United States and around the globe including:

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| • California Institute of Technology | • Purdue University |
| • Columbia University | • Seton Hall Law School |
| • Cornell University | • Stanford University |
| • Georgia Institute of Technology | • University of California at Berkeley |
| • Harvard University | • University of Maryland |
| • Johns Hopkins University | • University of Michigan |
| • MIT | • University of Pennsylvania |
| • New York University | • University of Southern California |
| • Northwestern University | • Yale University |
| • Princeton University | |

"The co-op experience provided me an opportunity to observe, experience and participate in the day-to-day activities of an organization and its people. It also helped me learn how to work as a team member."

—Nagarjun Yalamanchi, electrical engineering '08, Motorola



The Edge . . . For Your Future

the edge . . . in Real-World Experience

Through NJIT's extensive cooperative education and internship opportunities, you'll gain valuable, real-world experience that puts you ahead and makes you more marketable when you're ready to launch your career.

Imagine working as an assistant engineer, a software developer, an architecture intern, a lab researcher, a marketing assistant or a nuclear power assistant—while you're still in school. At NJIT, such opportunities are plentiful through internships and cooperative education (co-ops), which take you off campus to work in a position related to your major.

You'll see firsthand what it's like to work in that field. You'll gain experience in a workplace helping a business tackle a problem or making a process more efficient. And you'll make connections that, for many students, lead to full-time positions.

In the co-op program, NJIT helps you find the right opportunity and guides you through it, integrating it with the academic experience to an extent you'll find at few other universities. A faculty advisor works with you throughout the co-op to make sure it's a quality experience that meets your academic goals, even visiting you at the worksite. At many universities, you would have to pay full tuition and fees during your co-op; at NJIT, you pay for only three courses taken during your co-op semester. At the same time, you'll earn not only academic credit, but also a competitive salary that you can use to help pay for your education.

You can start internships as early as the summer after your freshman year, and, if your schedule allows, you can build up multiple workplace experiences, further enhancing your résumé.

"I was able to perceive the company as a system and identify problems in my department, then make effective plans to tackle important issues."

—Theresa Benony, biomedical engineering '09, McNeil Consumer Healthcare

"Our NJIT co-op student really showed his engineering skills by developing an environmental lab study. Based on his data, we went ahead with his plan and realized a savings of \$30,000."

—Vincent Accaro, engineering manager, Intel Corporation, Parsippany, New Jersey



Capstone projects offer a chance to synthesize your learning and apply it to a real business challenge. Here, Milind Shah, president and CEO of Rational Solutions, Inc., meets with a capstone team that helped him develop a client database.

THE BENEFITS OF CO-OPS AND INTERNSHIPS

- **Gain experience:** Nothing makes your résumé stand out more than direct, significant experience in the industry or business you're pursuing.

- **Earn money:** While not all internships are paid, all co-ops offer a salary and academic credit. The average monthly salary for co-op students is \$2,500; this money can be used to help pay for your education. Each semester, NJIT students in co-op, internship, community service and

work-study earn more than \$1 million collectively.

- **Make connections:** Each year, more than 500 students take part in co-ops with 225 employers. NJIT has partnerships with 3,100 companies, from international corporations to entrepreneurial ventures.

- **Gain career insights:** Your experience will help you understand the reality of working in a particular field and could confirm your interests—or lead you to new possibilities.

"In addition to learning how a large company operates, getting to know the corporate environment and learning an area in my field that has a large demand, I have also made several key contacts that I can turn to in the future."

—Alexander Terzian, computer science '08, Colgate-Palmolive

NJIT offers a range of resources to help you get ready for the future. You can meet individually with our experienced career advisors, who offer guidance on career options, skills development and extracurricular activities to help you achieve your goals. They'll provide you leads for internships, co-ops and jobs tailored to your interests and goals. They'll help your résumé stand out and build your interviewing skills.

When you get ready to graduate, you'll find that, like most NJIT graduates, you're well prepared for the future: within six months of graduating, 90 percent are working or going to graduate school. And perhaps because of their quality education and work experience, NJIT graduates who participated in cooperative education tend to earn higher salaries than non-co-op students.

CAREER PLANNING RESOURCES

NJIT's Career Development Services (CDS) provides many ways to prepare you for a career. Each year, CDS offers more than 50 career development workshops to help you select careers that best fit your skills and interests, and put you in touch with employers, career and industry experts, and alumni. And twice a year, the Career Fair brings to campus more than 140 employers such as IBM, Anheuser-Busch, Colgate-Palmolive, Verizon and Bloomberg L.P.



Starting your first year at NJIT, you'll be exposed to actual business and industry situations and sites. These freshman architecture students are visiting a construction site as part of a class field trip.

A GREAT PLACE TO LAUNCH A CAREER

NJIT's location in the New Jersey-New York metropolitan area provides an extraordinarily rich and varied number of internship, co-op, job and career opportunities.

- **In the neighborhood:** NJIT's own Economic Development Centers are incubators for 60 entrepreneurial high-tech businesses that offer internship and co-op possibilities; NJIT is helping create the 50-acre University Heights Science Park with high-tech start-ups and labs.

- **In the state:** New Jersey has the nation's highest concentration of pharmaceutical, high-tech and biotech companies; there are 500 biotechnology firms within 50 miles of campus.

- **In the region:** Ten miles from campus is New York City, one of the world's capitals of technological, scientific, financial and artistic achievement.



"I received an incredible education. On my first job at NASA, I discovered that I was far ahead of most of my peers with respect to being prepared for the work we were doing."

—Alfredo Teran '75, founder, AJT & Associates, Inc.

EMPLOYERS OF NJIT GRADUATES

- AT&T
- BAE Systems
- Bloomberg L.P.
- Citigroup
- Colgate-Palmolive Co.
- Con Edison
- Hatch Mott MacDonald
- Johnson & Johnson
- Lockheed Martin
- Merck & Co.
- Schering-Plough Corporation
- UPS Information Systems
- Verizon



"What impressed me the most about the co-op experience at Lockheed Martin for my daughter is how mature and confident she has become. She was more into her school work and became a better student. When I visited her in Dallas, I couldn't help but notice how organized her apartment was, how well she handled her finances—and she actually treated me to dinner."

—Jennifer Grant, parent of Nishelle Grant '06, industrial engineering

TOP: Because of NJIT students' work ethic, knowledge and skills, employers are eager to hire them for internships and co-ops—and to recruit them for full-time employment. BOTTOM: In fields such as architecture, in which presentations to clients play an important role, NJIT classes allow students to gain practice in sharing their ideas with others.

Men and women who have earned an NJIT degree are making an impact around the country and around the world. They're playing leading roles in corporations and non-profits large and small. They're inventing new products that improve life. They're unlocking secrets of the natural world. They're starting their own firms. They're designing buildings and products that change the world's landscape. They're finding innovative ways to streamline and improve all types of businesses.

NOTABLE NJIT ALUMNI

- **GOWTON ACHAIBAR BS '86**, executive vice president and general manager, North American key accounts, Ericsson, Inc.

- **DANIEL J. CARROLL, JR. '65, '70**: chief executive officer, Telcordia Technologies, Inc.

- **NORMA J. CLAYTON '81**, vice president, Supplier Management, Integrated Defense Systems, the Boeing Corporation

- **MATTHEW JARMEI '90**, principal, Jarmel Kizel Architects and Engineers

- **THOMAS MYRICK '84**, chief engineer, Honeybee Robotics

- **VERONICA G. PELLIZZI '84**, senior vice president, Enterprise Sales, Verizon Communications

- **RIAN WREN '78**, senior vice president and general manager of voice services, Comcast Cable