

# NJIT

New Jersey Institute  
of Technology



# NJIT

is a leader in Science,

Technology, Engineering and Mathematics (STEM) education,

as well as disciplines in business, architecture and design.

Our six specialized colleges offer you the opportunity to be

a part of a top-tier public research university and learning

community in the most desirable areas of study.



# WELCOME!

## MAJORS

- Applied Physics
- Architecture
- Biochemistry
- Bioinformatics
- Biology
- Biomedical Engineering
- Biophysics
- Business
- Business & Information Systems
- Chemical Engineering
- Chemistry
- Civil Engineering
- Communication & Media
- Computer Engineering
- Computer Science
- Computing & Business
- Digital Design
- Electrical Engineering
- Engineering Science
- Engineering Technology
- Environmental Science
- History
- Human-Computer Interaction
- Industrial Design
- Industrial Engineering
- Information Systems
- Information Technology
- Interior Design
- Law, Technology & Culture
- Mathematical Sciences
- Mechanical Engineering
- Science, Technology & Society
- Theatre Arts & Technology
- Web & Information Systems

*“I interned at Goldman Sachs’ New York office in their Legal and Finance Department in the summer of 2016 and received a full-time return offer at the end of my internship. I enjoyed having the opportunity to meet and cooperate with some of the most hardworking, ambitious, and awesome people I have ever met.”*

CYNTHIA AHMED '17  
B.S. (Accounting and Finance)  
Analyst -Goldman Sachs

For over 130 years, NJIT has been recognized for its commitment to academic excellence. As one of the nation’s leading polytechnic universities, NJIT earned national prominence by developing relevant academic programs. Over the past decade we have doubled the size of our campus, investing millions of dollars in major new campus and research facilities designed to give our students the edge they need in today’s competitive high-tech marketplace.

## DID YOU KNOW?

**Eberhardt Hall, a three-and-a-half story building began as the Newark Orphan Asylum, and served ages two to 10 from 1857 to 1948. The building, built in Elizabethan Gothic Revival style, features three-sided curved windows, a tower in the center, and a six-story octagonal turret similar to a medieval castle.**

The **Wellness and Events Center (WEC)**, opening November 2017, offers our NJIT community a venue for sporting and social events, conferences, as well as two gyms, a running track, indoor turf field and a swimming pool.



The \$86 million **Central King Building** is a hub for innovation and collaboration. It is home to new classrooms, teaching and research laboratories, spaces for academic advising and pre-professional mentoring, a STEM tutoring center, writing and math centers, and the New Jersey Innovation Institute’s iLabs, which are a critical point of intersection between workforce and economic development.



Controls, Automation and Robotics Lab

# LEARNING AT NJIT

**RESEARCH** NJIT conducts over \$130 million in research and has hired more than 100 new faculty members over the past six years. Our **60 RESEARCH CENTERS** and specialized laboratories encourage interdisciplinary collaboration in teaching and research, from the Institute for Brain and Neuroscience Research, to the High Performance Concrete and Structures Laboratory, to the Center for Big Data.



Nano-Optoelectronic Materials and Device Lab

At NJIT, you'll discover a world-class education in an immersive learning environment that combines the benefits of small-campus intimacy with the resources of a major public research university.



Neuroethology Lab

# RESEARCH

**Center for Injury Biomechanics, Materials and Medicine (CIBM<sup>3</sup>)**

CIBM<sup>3</sup> is a multi- and interdisciplinary research center focusing on understanding, diagnosing and treating brain injuries and concussions, using experimental and computational methods. This center is involved in both traumatic brain injury (TBI), a major concern among U.S. soldiers and veterans, as well as mild TBI and concussions in sports injuries.

**Resilient and Sustainable Infrastructure Materials and Structures Laboratory**

How do we create infrastructure capable of surviving a catastrophic event? Using computer modeling, researchers in this lab can see how stress builds up and materials deform as a result. In turn, this research will lead to designing appropriate materials for particular settings.

**Cybersecurity Research Center**

Data hacking is all too common. Our Cybersecurity Research Center was established to protect data from inception to end use, beginning with the production of software to manage the data to its remote storage in the cloud. Broadly, the Center identifies systemic weaknesses that make cyber systems vulnerable to attack, designs systems to make them more secure and hardens cyber infrastructure that has already been deployed.



Robotics Lab

“ I thought I knew architecture — until my second year at CoAD. The masonry build project was a defining moment for me as a student. Witnessing the physical manifestation of my project completely redefined my idea of what it means to be an architect. Through my studies at NJIT, I’ve adopted a focus on the social aspect of my profession. How will my work be of service and affect the life of my client? It’s a question that has stuck with me throughout college — and will serve me well throughout my career. ”

ANGELIKA LOS '16  
(Architecture Major)

6

**Number of Colleges**

- College of Science and Liberal Arts
- College of Architecture and Design
- Martin Tuchman School of Management
- Albert Dorman Honors College
- Newark College of Engineering
- Ying Wu College of Computing

\$60,440

Average Graduate Starting Salary

17:1

Student to Faculty Ratio

140+

Number of Clubs & Organizations

8,200+

Number of Undergraduate Students

128+

Number of Degree Programs/Majors

60

Number of Research Centers and Specialized Laboratories

1285

& 26

Average SAT & ACT Scores

Over \$12 million

- 2016 Total Amount of Grants/Scholarships Awarded
- 2016 Average Total Over \$14,000

“ Knowing what I know now about universities and the way the job market has changed, going to NJIT is a decision I would make again in a heartbeat. NJIT offers you the opportunity to find a field you love and dive right in without feeling pigeonholed. Opportunities for electives are huge, and you can always find classes to take outside your major to broaden your horizons. ”

YOUSEF ABBASI '14  
(Information Systems Major)

## CAREER OPPORTUNITIES & SERVICES

Our Career Development Services organization is all about connecting our students to:

- Career Advisors
- Employment Preparation Workshops and Seminars
- Internships and Co-op Opportunities
- Access to Thousands of Highly Paid Jobs
- Recruiters and Employers
- Community Service
- Successful Alumni



### DID YOU KNOW?

*MONEY Magazine recently named NJIT as one of the top 10 colleges in the nation with great career services. NJIT ranked fourth among public institutions with a strong combination of well-staffed career centers and young alumni who go on to earn higher-than-average early salaries.*

*According to the National Association of Colleges and Employers, NJIT graduates earn starting salaries 20 percent higher than the national average. Our goal is career readiness for all of our students.*



### CLUBS & ORGANIZATIONS

There are so many ways to get involved at NJIT — join a club, participate in Greek life, give back through community service, play a sport, contribute to an academic society or cheer on your Highlander athletic teams.

We offer over 140 clubs and organizations for you to engage with your fellow Highlanders on campus. Don't see a club or organization that you are passionate about? You can demonstrate your leadership and establish a new club.

We want your experience at NJIT to be exceptional so learning and growing beyond the classroom will help you to become a well-rounded global citizen preparing you for real world challenges and experiences.

## INTERESTING FACTS

- Our students earned \$5.3 million through internships and co-ops in 2016.
- There are 26,000+ jobs in NJIT job database.
- Our students contributed over 52,000 hours of community service in 2016.
- NJIT has been named to the President's Higher Education Community Service Honor Roll for 6 years.

### Crystal Seymour

BS, Industrial Engineering, '16

Crystal believes in being prepared. Her resume is impressive with five co-ops/internships — UPS, Eaton, L'Oreal, Panasonic, and Goldman Sachs.

Working at these varied companies she was involved in projects including power and electricity, supply chain logistics, consumer goods, packaging and electronics, and finance. Crystal turned two of her internships into co-ops (UPS and Eaton) for academic credit and found her position with L'Oreal at the Fall 2014 Career Fair. Crystal enjoyed her experiences and learning something new at each company. Recently married, Crystal and her husband, D'Andre Seymour, Electrical Engineering '14, have made experiential education a family affair. He attended the Spring 2014 Career Fair and met with Ericsson, landing an internship that led to a full-time position. Crystal is currently working at Goldman Sachs as an Analyst in Commodities Operations.



### DID YOU KNOW?

NJIT is only one of 21 colleges across the nation to offer men's Division I volleyball?

The Highlanders are part of the Atlantic Sun Conference and home to 19 Division I sports as well as club and intramural programs.

## GLOBAL GAME JAM

NJIT serves as the prime hosting site in Northern New Jersey for Global Game Jam (GGJ), the world's largest game-development event. Combining the resources of the information technology and digital design programs, GGJ offers participants the opportunity to form teams, and to pull an all-nighter to design video games.

### DID YOU KNOW?



A team of NJIT engineering students built an off-road vehicle that

placed first in the Baja SAE endurance race in Gorman, California. The four-hour event included 90 teams from around the world.

# NEWARK

## History & Culture

# NJIT

## HOW TO APPLY

Photo: Ironbound Business Improvement District



### DID YOU KNOW?

Branch Brook Park has over 5,000 cherry trees, which is larger than the national display in Washington, D.C., and the most diverse collection in the world.



### DID YOU KNOW?

New York City is only 20 minutes by rail from NJIT.

Newark is a fun and diverse city filled with restaurants, shops, galleries and more than 30,000 college students.

**Getting Around Town** Newark is a transportation hub with Newark Penn Station 10 minutes from campus as well as Newark Liberty International Airport less than 15 minutes away. On-campus shuttle service to Newark Penn Station provides access to the airport as well as New York City, renowned for its culture, entertainment and career opportunities in every industry imaginable.

### SOME NEWARK HOT SPOTS

- **Historic Hahne & Company Building** A restored historic landmark, this building features an arts and cultural center as well as retail space and is home to Newark's first Whole Foods Market.
- **Branch Brook Park** The nation's first county park spans six acres and was used as a campsite for General Washington's army during the Revolutionary War and is now home to the one of the largest Cherry Blossom Festivals in the country.
- **The Ironbound District** Known for its great Portuguese restaurants and local shops, the Ironbound District is home to over 570 businesses and 170 restaurants. From its bakeries and cafes to finding that perfect pair of shoes, the Ironbound District is a great area to explore.
- **Prudential Center** Home to the New Jersey Devils, a professional NHL ice hockey team, the Prudential Center is also the epicenter for concerts and events. "The Rock," as it is known by locals, hosts over 175 events a year!

Looking for more experiences in Newark, check out the New Jersey Performing Arts Center or the Newark Museum.

Like NFL football? MetLife Stadium, home of the New York Giants and New York Jets, is less than 15 miles away in East Rutherford, N.J.

If Major League Soccer is your passion, Red Bull Stadium, home of the NJ Red Bulls, in Harrison is 3 miles from campus.

### WE MAKE IT EASY FOR YOU TO APPLY

NJIT is a member of the Common Application and if you are an incoming freshman, you can apply online at:

**commonapp.org**

Moreover, we evaluate your application as soon as your file is complete, so you will be notified of our decision within one to two weeks.

### WHAT YOU NEED TO KNOW

#### ADMISSION CRITERIA

##### High School Academic Performance

We consider your entire academic high school record, especially your grades in math, science and English. We also take into account trends in your performance, for example, if your grades have improved from freshman to senior year.

Students in the top 25 percent of their class meet our class rank requirements. If your school does not use a ranking system, we consider a 3.0 GPA to be equivalent.

##### Standardized Test Scores

We consider either the SAT or ACT test scores. We will super score your test results. The average composite SAT score for our enrolling freshman is 1285 (Math and Critical Reading). The average ACT score for our enrolling freshman is 26.

##### Portfolio

If you are planning to apply to our Architecture, Digital Design, Industrial Design or Interior Design programs, you are required to submit a portfolio of creative work. Detailed information about the portfolio requirement for these majors can be found at [design.njit.edu](http://design.njit.edu).

### APPLICATION CHECKLIST

- Completed Application
- \$75 Application Fee (or a College Board Waiver)
- Official High School Transcript
- Official SAT (use code 2513) or ACT (use code 2580)
- Letter of Recommendation
- Portfolio (Only for College of Architecture and Design applicants)

### APPLICATION DEADLINES

#### FALL Semester

- Early Action I November 15
- Early Action II December 15
- Honors College February 1
- Rolling Admission March 1

#### SPRING Semester

- November 15

### COSTS\*

- In-State: \$16,898
- Out of State: \$31,918
- Room and Board: \$12,008

\*2017-2018 rates

Don't forget to check out the financial aid deadlines at [njit.edu/financialaid](http://njit.edu/financialaid).

A photograph of three diverse students sitting on a brick ledge in front of a large, ornate red arched window. The student on the left is a young man with glasses and a grey and white baseball-style shirt. The student in the middle is a young man in a blue and white checkered button-down shirt. The student on the right is a young woman with long dark hair wearing a denim jacket over a dark blue hoodie. The background shows the intricate stone carvings of the building's facade.

# NJIT

New Jersey Institute  
of Technology

**Office of University Admissions**  
**New Jersey Institute of Technology**  
**University Heights**  
**Newark, NJ 07102 USA**  
**Phone: 973-596-3300**  
**Fax: 973-596-3461**  
**[njit.edu/admissions](http://njit.edu/admissions)**