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5 Star

The only 5-star (top rating) public university in New Jersey.

Source: Money.com

Top 50

Public National University

Source: U.S. News & World Report

#1

Public University for Alumni Earnings, Economic Mobility, and Academic Profile

Source: New York Times

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NATIONALLY for Entrepreneurial Programs

Source: Entrepreneur.com

Top 50

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Source: U.S. News & World Report

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Meet our Students

NJIT is a top 10 school for return on investment

Apply Now

"I lived on campus when I was a student here, and it's a good thing I did. It allowed me to really connect with other students."

Jonathan Ferrer,

Class of 2014

"The knowledge and skills acquired in NJIT enabled me to embrace a bright future in both job market and social network."

Xiangshan Liu

"I have incredible appreciation for the Honors College for equipping me with knowledge and resources to succeed."

Rahul Syal,

Class of 2018

Meet our Architecture & Design Students

NJIT is a top 10 school for return on investment

Apply Now

"At NJIT I've had the pleasure to study and work among commendable faculty and students."

Albina Gode,

Class of 2015

"From architecture to construction – all the elements of design exist in the program."

Elouie Gaspar,

Class of 2017

"NJIT gave me both the skills and community I needed to grow as a designer."

Renee Collins,

Class of 2018

Meet our Computing Students

NJIT is a top 10 school for return on investment

Apply Now

"I love this major. Merging biology with computer science will help me become a doctor."

Chandani Patel,

Class of 2019

"NJIT gave me the freedom and creativity to tailor my degree to best suit my interests and talents."

Danielle Tavella,

Class of 2017

"NJIT offers you the opportunity to find a field you love and dive right in without feeling pigeonholed."

Yousef Abbasi,

Class of 2014

Meet our Engineering Students

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"I'm really grateful to the Honors College for giving me the chance to do research."

Margaret Christian,

Class of 2014

"As a commuter, it was really easy to make friends. NJIT has a very tight-knit community that welcomes you. I love NJIT! "

Rozana Atieh,

Class of 2019

"I was definitely prepared for my job at Scaled Composites and perhaps even ahead of the curve."

Michael Anderson,

Class of 2013

Meet our Humanities & Liberal Arts Students

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"Being in such a flexible major gave me the opportunity to explore my interests."

Waydon Destin,

Class of 2015

"My learning experience at NJIT has allowed me to pursue my lifelong dream of becoming a physician."

Mohammad Nawaz,

Class of 2017

"One of the best decisions I have ever made was studying History at NJIT. "

Jasmin Jaludi,
Class of 2018

Meet our Math & Science Students

NJIT is a top 10 school for return on investment

Apply Now

"As a biology major, NJIT has opened up a world of possibilities and opportunities for me to pursue my goal of becoming a pharmacist."

Ines Nzameyo,
Class of 2019

"NJIT enhances your ability to think outside of the box and explore your abilities."

Colin Hampton,
Class of 2019

"NJIT's physics professors have had a major impact on my education by giving me positions in their labs."

JonPierre Grajales,
Class of 2021

Meet our Business Students

NJIT is a top 10 school for return on investment

Apply Now

"Martin Tuchman School of Management provides a continuous support system that extends beyond a degree program and provides a strong foundation for your future career."

Anousha Raina,
Class of 2023

"Pursuing a BS in Business Management and my MBA at MTSM has prepared me for a thriving career in a tech-savvy world."

Travis Forbes,
Class of 2024

"Attending the MTSM was excellent for my career! Great education, supportive faculty, and many opportunities to enhance my skills."

Ufuomaefe Ogbe,
Class of 2023

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Technology

Featured Events

APR.

23

Wednesday | 8:00am

Dana Knox Showcase

Multiple Locations

APR.

25

Friday | 5:00pm

GigaBeats Annual Spring Concert

CTR 130 Campus Center Atrium

APR.

27

Sunday | 7:00am

Spring Open House 2025

Multiple Locations

JUN.

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Tuesday | 8:00am

Neo Science Olympiad

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Hundreds of on-campus clubs and organizations provide wonderful opportunities for you to join, lead and expand your horizons

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NJIT is home to hundreds of student-run clubs and organizations covering a wide variety of personal and professional interests.

[Get Involved!](#)

Being a member of a student organization can be an important factor in the success of your Highlander Experience at NJIT. As

[Office of Student Life](#)

to learn more about all of the opportunities NJIT students have.

[Get Engaged!](#)

NJIT student organizations or programs provide you opportunities for fellowship, leadership, service, recreation, and meaningful

[Get Connected!](#)

Your friends, classmates and the campus community can help you transform your Highlander Experiences into a place you can

[Join a](#)

[Student Organization](#)

[and Check-Out](#)

[Campus Events](#)

!

All of NJIT's recognized student organizations, as well as many departments and offices, can be found in our online student eng

[Highlander Hub](#)

(you will be required to login through Pipeline). You can browse campus-wide events, see all of our student organizations, and [here](#)

.

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Institutional Response on the Implementation of Recent Federal Executive Orders with Updates on Federally Funded Research

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What is the first step to initiate a Subcontract/Consulting Agreement?

To provide Subcontractor's or Consultant's Contact Information; i.e. Name, Address, Email, Scope of Work (SOW), Budget and

May we use the format of any prior Agreement and just fill in the current information?

Only SRA completes and issues and executes all Agreements. No other party could use any template.

What if the recipient wants to make any changes to the Agreement?

The recipient may send the proposed changes to us. SRA would review and negotiate the terms and conditions directly with the

Is it possible to add or reduce the amount after an Agreement is signed?

Yes. The value of the Agreement can be modified (increased or decreased) with the PI sending the revision to SRA. Then a mo

Is it possible to extend the project end date after an Agreement is signed?

Yes. The project end date can be extended provided the extension is within the period of performance of the Prime Contract.

What are the documents required from the subcontractor / consultant?

The subcontractor / consultant will be notified in the beginning as to which documents are required; based on the details of the

How does the Subcontractor / Consultant receive payments?

Once the Agreement is executed, the PI would create a Requisition in Banner system.

When an invoice is received, the PI approves it based on the work done. Then the invoice is sent to Accounts Payable departm

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Streamlyne software supports NJIT proposal submission process, IRB and research Conflict of Interest (COI) functions. Further
As of July 2020, Streamlyne modules are available for the following research administration functions:
Pre Award
– Creation and routing of proposals, including proposal budgets and submission to Grants.gov.
Conflict Of Interest (COI)
– Financial entities submission and maintenance, disclosure preparation and submission.
Institutional Review Board (IRB)
– Committee Creation, Protocol Preparation and Submission, Protocol Review, Committee Meeting Management and Reporting
Accessing
Streamlyne
The Pre Award and new IRB and COI Streamlyne modules can be quickly accessed via
Streamlyne

at
<https://research.njit.streamlyne.org/>

Username:

UCID

Password:

The same password to log into NJIT Pipeline

Streamlyne Training Materials

Streamlyne User Manuals (PDF)

Streamlyne New User Manual - Common Elements

: This manual provides a reference to all the common elements of Streamlyne Research. This user manual is a good document

Streamlyne New User Manual - PD and PD Budget

: This is a user manual on the proposal and budget development in Streamlyne. The content herein explains the use and function

Streamlyne for IRB User Manual

: This manual provides specific Streamlyne information for researchers requiring IRB review.

Streamlyne for COI User Manual

: This manual provides guidance on how to use Streamlyne for disclosures and screenings.

Pre-Recorded Training Videos

Streamlyne How-To Training Videos

Streamlyne software questions should be directed to the college/school representative:

John McCarthy

, NCE Director of Research

(973) 596-3247;

john.p.mccarthy@njit.edu

Cristo Leon

, CSLA Director of Research

(973) 596-6426;

cristo.e.yanezleon@njit.edu

Esther Hom

, YWCC Associate Director of Research

(973) 596-2976;

hom@njit.edu

Iris Pantoja

, CoAD and MTSOM Project Manager

973-596-4483;

irp3@njit.edu

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More and more, NJIT students are choosing to live on campus. Over 2,500 students live on campus at NJIT in one of our four residence halls.
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Each room is air-conditioned, fully-furnished and has high-speed internet access. Additionally, each hall has lounges, study areas,

These residence halls offer the advantages of on-campus living - proximity to classrooms, dining halls, the gym, the library, you

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The university's multidisciplinary curriculum and computing-intensive approach to education provide the technological proficiency

[Top 2%](#)
for return on investment
Source: PayScale.com
[Top 50](#)

[Public National University](#)
Source: U.S. News & World Report

Our university makes an exceptional education affordable to all its students.

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[Enrollment and Employment](#)

Total enrollment: over 13,000

SAT average composite score is 1317 and an average GPA of 3.7 ; for Honors College freshmen, the average composite SAT s

More than 50% of freshmen students and 25% overall live on campus (undergraduates)

324 tenured or tenure-track faculty; 99% hold doctoral degrees or have the highest degree attainable in their field

The student-faculty ratio is 15:1

Over 1,300 full-time employees

NJIT services more than 4,000 students and teachers in pre-college educational programs, the pipeline for STEM, annually
2023 was NJIT's largest, and most diverse entering class in school history at 1,790 enrollees

[Research and Development](#)

NJIT has achieved R1 status by the Carnegie Classification

NJIT's research expenditures totaled more than \$178 million in FY2023

140+ research institutes, centers and specialized labs

NJIT faculty hold 213 patents and intellectual property assets

Launched in 2014, the

New Jersey Innovation Institute

(NJII) is a nonprofit corporate entity partnering with industry and government to provide innovative and practical solutions for economic development.

NJIT Makes An Innovation Nexus — NJIT 2030

In 2024, NJIT introduced

NJIT Makes An Innovation Nexus

to chart the university's course during the second decade of the 21st century. It is the product of diverse perspectives, an exceptional vision, and the support of our

Students

– To support and increase the number of high-achieving students who graduate

Faculty

– To pursue a robust program to develop a more engaged, recognized, and diverse faculty community

Research

– To achieve national and international preeminence through collaborative research, fostering innovation and entrepreneurship, and

Resources

– To enhance human resources, improve information technology, renew physical facilities, consider new facilities, and

Prominence

– To increase university visibility, increase engagement with the City of Newark, promote alumni connections, and achieve a reputation for excellence.

NJIT will realize this vision through ongoing assessment of our progress to ensure success. This continuous assessment will keep us on track.

NJIT Strategic Plan.

What Others Say About Us

The

New York Times

ranked NJIT No. 1 among America's Great Working-Class Colleges

Forbes

ranked NJIT No. 1 for Student Upward Economic Mobility

MONEY

ranked NJIT No. 14 overall in the United States

PayScale ranks NJIT in the Top 2% Nationally for Return on Investment

Georgetown Center on Education and the Workforce

ranked NJIT in the top 10% for return on investment nationwide. In New Jersey, NJIT is ranked No. 1 among public four-year institutions.

Click here for a more complete list of rankings and recognitions

History

Founded in 1881 as Newark Technical School; renamed NJIT in 1975.

Newark College of Engineering (1919)

Hillier College of Architecture and Design (1973)

Jordan Hu College of Science and Liberal Arts (1982)

Martin Tuchman

School of Management (1988)

Albert Dorman

Honors College (1994)

Ying Wu

College of Computing (2001)

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NJIT offers more than 125

undergraduate and graduate degree programs

in six specialized schools instructed by expert faculty, 98 percent of whom hold the highest degree in their field. Our academic p

fully accredited by the appropriate accrediting boards, commissions and associations

such as Middle States Association of Colleges and Schools (MSA), Accreditation Board for Engineering and Technology (ABET)

The

Learning and Development Initiative (LDI)

connects people to the skills and knowledge they need to succeed today by offering a vibrant portfolio of non-degree courses, w

\$2.8B

NJIT's annual economic impact on the State of New Jersey

Highest

NJIT Earns Highest Research Rating (R1)

Source: Carnegie Classification

NJIT prepares its graduates for positions of leadership as professionals and as citizens.

Learn More

We have amazing students from all over the world, and we rank #1 in New Jersey in awarding engineering degrees to African-A

Meet some of our students

We prepare our students to become leaders in the economy of the 21st century.

Apply Now

"With the excellent training I got at NJIT, I am ready to start a new journey and explore the world."

Xinglei Liu

Class of 2018

"At NJIT I've had the pleasure to study and work among commendable faculty and students."

Albina Gode

Class of 2015

"I decided to come to NJIT as it has one of only a few accredited programs in New Jersey for actuarial science. "

Daniel Newton

Class of 2020

NJIT is located in the vibrant University Heights district of downtown Newark, just 20 minutes from Manhattan by train.

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our campus and

take a tour

.

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Important dates and deadlines for each student population can be found below.

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Early Action I
: November 15
Early Action II:
December 15
Honors College:
February 1

Rolling Admission:

March 1

Spring Semester:

Rolling Admission

: November 1

Previously Enrolled/Readmit Students

Fall Semester:

August 1

Spring Semester:

November 15

If you are returning from an academic suspension, the deadlines are earlier:

Fall Semester:

July 1

Spring Semester:

November 1

Transfer Students

Fall Semester:

June 1

Spring Semester:

November 15

Your application will be evaluated as soon as your file is complete.

Graduate Students

NJIT employs rolling admissions, so your application will be evaluated once it is submitted, and all requirements have been completed.

APPLICATION TYPE

FALL

SPRING

Ph.D.

December 15

October 15

Master's - International

May 1

November 15

Master's - Domestic

June 1

November 15

Master's - Online

August 1

November 15

The deadlines above are considered priority deadlines. If a priority deadline has passed, you may still be able to be considered.

Ph.D. Applicants

Students who apply and submit all supplemental materials prior to the cutoff dates will be given priority consideration for funding.

International Applicants

It is recommended that international students begin the application process six months prior to the start of the semester to allow time for visa processing.

There are also final cutoff dates for each semester, by which all the application requirements must be completed:

Undergraduate International Applicants

Fall semester: March 1

Spring semester: October 15

Graduate International Applicants

Fall: May 1

Spring: November 15

Your application will be evaluated as soon as your file is complete.

Application Fees

The non-refundable application fee is \$75.

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"Everything is so close! I have everything I want - food, shopping, friends, and New York City. I go into Manhattan every weekend."

[Cem Erkam](#)

[Class of 2021](#)

"NJIT gave me the skills and experience to complete internships with major companies such as Viacom, BuzzFeed, and Sesame Workshop."

[Liem Ho](#)

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"I was able to get research experience during my freshmen year, which is really cool."

[Madhusan Duwadi](#)

[Class of 2022](#)

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[College Where Graduates Can Earn Six-Figure Salaries](#)

[Source: Money Magazine](#)

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Our six colleges offer rigorous academics, but the education our students receive goes beyond the classroom. Working in labs,

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The only 5-star (top rating) public university in New Jersey.

Source: Money.com

Top 50

Public National University

Source: U.S. News & World Report

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Source: New York Times

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Meet our Students

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"I lived on campus when I was a student here, and it's a good thing I did. It allowed me to really connect with other students."

Jonathan Ferrer,

Class of 2014

"The knowledge and skills acquired in NJIT enabled me to embrace a bright future in both job market and social network."

Xiangshan Liu

"I have incredible appreciation for the Honors College for equipping me with knowledge and resources to succeed."

Rahul Syal,

Class of 2018

Meet our Architecture & Design Students

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"At NJIT I've had the pleasure to study and work among commendable faculty and students."

Albina Gode,

Class of 2015

"From architecture to construction – all the elements of design exist in the program."

Elouie Gaspar,

Class of 2017

"NJIT gave me both the skills and community I needed to grow as a designer."

Renee Collins,

Class of 2018

Meet our Computing Students

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"I love this major. Merging biology with computer science will help me become a doctor."

Chandani Patel,

Class of 2019

"NJIT gave me the freedom and creativity to tailor my degree to best suit my interests and talents."

Danielle Tavella,

Class of 2017

"NJIT offers you the opportunity to find a field you love and dive right in without feeling pigeonholed."

Yousef Abbasi,

Class of 2014

Meet our Engineering Students

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"I'm really grateful to the Honors College for giving me the chance to do research."

Margaret Christian,

Class of 2014

"As a commuter, it was really easy to make friends. NJIT has a very tight-knit community that welcomes you. I love NJIT! "

Rozana Atieh,

Class of 2019

"I was definitely prepared for my job at Scaled Composites and perhaps even ahead of the curve."

Michael Anderson,

Class of 2013

Meet our Humanities & Liberal Arts Students

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"Being in such a flexible major gave me the opportunity to explore my interests."

Waydon Destin,

Class of 2015

"My learning experience at NJIT has allowed me to pursue my lifelong dream of becoming a physician."

Mohammad Nawaz,

Class of 2017

"One of the best decisions I have ever made was studying History at NJIT. "

Jasmin Jaludi,
Class of 2018

Meet our Math & Science Students

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"As a biology major, NJIT has opened up a world of possibilities and opportunities for me to pursue my goal of becoming a pharmacist."

Ines Nzameyo,
Class of 2019

"NJIT enhances your ability to think outside of the box and explore your abilities."

Colin Hampton,
Class of 2019

"NJIT's physics professors have had a major impact on my education by giving me positions in their labs."

JonPierre Grajales,
Class of 2021

Meet our Business Students

NJIT is a top 10 school for return on investment

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"Martin Tuchman School of Management provides a continuous support system that extends beyond a degree program and provides a strong foundation for your future career."

Anousha Raina,
Class of 2023

"Pursuing a BS in Business Management and my MBA at MTSM has prepared me for a thriving career in a tech-savvy world."

Travis Forbes,
Class of 2024

"Attending the MTSM was excellent for my career! Great education, supportive faculty, and many opportunities to enhance my skills."

Ufuomaefe Ogbe,
Class of 2023

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Dana Knox Showcase

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Friday | 5:00pm

GigaBeats Annual Spring Concert

CTR 130 Campus Center Atrium

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Sunday | 7:00am

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Make your credits count!

Graduate

What's NEXT for your career? Apply today and give yourself an edge in today's highly competitive marketplace with a graduate

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Honors

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If you completed one semester at NJIT and then took a semester or longer off, you must apply for readmission.

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Taking classes during summer and winter session helps speed up the time to graduation, fulfill a pre-requisite, and improve you

Quick and easy application!

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Apply today to boost your career credentials and earning potential in one of NJIT's more than 30 graduate certificate programs.

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Intramural Sports

Various levels of competition are offered in both team and individual/dual activities and opportunities are offered for men's, women's, and co-ed activities.

How to participate? Click

HERE

to up sign up!

Follow this

LINK

for more information on Intramural sports.

Intramural Information

Contact: Kyle Doctor

Email:

kyle.doctor@njit.edu

Club Sports

Club Bowling

The NJIT Bowling team is a competitive club sport that was revitalized in 2008-2009. With the leadership of third-year coach Cameron Smith, the team has been successful in competing at the national level.

Men's Ice Hockey

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Page: <https://www.njit.edu/research/compliance/safety.php>

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[The Office of Environmental Health and Safety is dedicated to reducing injuries, accidents, negative environmental impacts, and](#)

Principal Investigators (PIs)

have overall responsibility for the health and safety of their research staff, for safe management of their laboratories, for the implementation of the following:

- a. Ensuring that laboratory personnel have read, understand and adhere to the relevant University Safety and Environmental Policy.
- b. Ensuring that new laboratory personnel take the required EHS training/s and other applicable safety training/s at the time of hire.
- c. Obtaining all necessary institutional approvals for experiments.
- d. Ensuring that laboratory personnel use the required equipment and personal protective devices.
- e. Ensuring that the laboratory meets the applicable requirements for handling radioactive materials, radiation producing machines, etc.
- f. Maintaining security of all classes of hazardous materials used in the laboratory and ensuring physical hazards are adequately controlled.
- g. Handling/storing all "controlled substances" as required by regulation/s.
- h. Ensuring all requirements are met for the shipment/transport of hazardous materials.
- i. Developing lab specific Standard Operating Procedures (SOP) as required, and training lab personnel on each SOP.
- j. Preparing laboratory personnel for disruptions/emergencies, such as injuries, fires or explosions, chemical spills, floods, unscheduled power outages, etc.
- k. Maintaining a chemical inventory for the laboratory and providing Safety Data Sheets (SDS) for all chemicals stored/used.
- l. Establishing a policy for working after hours and working alone.
- m. Ensuring that proper signage is present inside the laboratory to identify where hazards may exist.
- n. Ensuring that containers are labeled so that laboratory personnel or emergency responders can determine the identity of the contents.
- o. Reviewing the laboratory's operating procedures, plans and other relevant safety procedures at least once a year or whenever a change in equipment, materials, or procedures occurs.
- p. Taking prompt corrective action/s when unsafe acts or conditions are observed or reported.
- q. Promptly investigating and reporting all laboratory and laboratory-associated accidents, and/or work-related health problems.
- r. Reporting all accidents, injuries, exposures, significant spills, and releases.
- s. Completing Vacating Procedures prior to any laboratory renovation or move.
- t. Conducting internal inspections, reviews or audits periodically.

Related Links:

[IBC Lab Hazard Assessment Form](#)

[University Safety and Environmental Policy](#)

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The Campus Center is where students, faculty, and employees go to eat, play, study or just hang out.
Grab a meal at the cafeteria or the Highlander Club. Or pick up a snack from the C-store Express and take it outside to the roof.
Check your email or catch up on your computer science project in the computer lab.
Chill in the two-story student lounge or head downstairs to the Game Room to play arcade games, pool, ping pong or challenge
Libraries
NJIT's two libraries, the main
Van Houten Library
and the
College of Art and Design
's

Barbara & Leonard Littman Library for Architecture

, are much more than stacks of books. They're modern research facilities with expert and accessible staff, and dozens of computers. If the library doesn't have what you need, they'll order it from a nearby university or even send for a copy.

Recreation & Athletics

NJIT makes it easy to get out of the lab or library and get rid of some stress through exercise. Everyone—from beginners to scholars

Lubetkin Field is the home of

men's

and

women's

NCAA Division I soccer teams, as well as physical education classes and intramural sports.

The Green is a peaceful patch of nature (and a great people-watching spot) right next to the

Campus Center

. It's the perfect place to toss a frisbee or take a nap under a shady tree.

Jim Wise Theatre

This 425-seat playhouse hosts two student productions each year. The

Department of

Humanities

offers a minor in theatre and Jim Wise Scholarship in Theatre Arts for those minors that participate in productions. All NJIT students

Each year, NJIT students also perform in two productions at Rutgers-Newark through the schools' shared

Theatre Arts Program

.

Murray Center for Women in Technology

Over 20% of NJIT undergraduates are female and the

Murray Center for Women in Technology

is an informal meeting place and support center dedicated to helping women excel in the sciences. In addition to being a comfortable

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Monday, April 7, 2025
Soldiers training on heavy artillery and athletes in contact sports are routinely exposed to repetitive mild shockwaves and injuries
Modeling the Body's Tiniest Operations in Vivid 3D
Thursday, April 3, 2025
Threaded throughout the body are networks of capillaries so miniscule that red blood cells must contort to squeeze through them
Restoring Muscles by Stimulating the Brain
Tuesday, April 1, 2025
Elisa Kallioniemi slides a circular disk over her head, stops above her right ear and clicks. Her left hand jumps. She moves it a centimeter
NJIT Computing Professor Zhi Wei Named Fellow of AAAS, Follows IEEE Honor
Friday, March 28, 2025
Zhi Wei, a bioinformaticist, was elected to the 2024 Fellows class of the prestigious American Association for the Advancement of Science
From 3D Bioprinting to Disease Tracking, NJIT Showcases its Groundbreaking Labs
Wednesday, March 26, 2025
Throughout the year, NJIT researchers focus on unsolved problems in areas such as medical science, energy sustainability and cybersecurity
NJIT Unveils VR Crime Scene Tech, Research at Nation's Largest Forensic Conference
Wednesday, March 19, 2025
NJIT's forensics program made an impression at the 77th Annual American Academy of Forensic Sciences' Conference in Baltimore

Experts from NJIT, Carnegie Mellon Find the Pen is Mightier than the Data

Friday, March 14, 2025

Plenty of researchers already study how to tell if online writing bears the traits of artificial intelligence — but Michael Laudenbach

NJIT's First-Year Engineers 'Dive' into Design, Shaping the Future at Annual Showcase

Tuesday, March 11, 2025

The spirit of innovation and hands-on learning was in full force at the Newark College of Engineering's (NCE) annual First-Year

NJIT Mathematician to Help Map Earth's Last Frontier with Navy Grant

Thursday, March 6, 2025

We've mapped nearly all of Mars' surface from orbit, yet we know less about Earth's ocean floor — almost 75% remains unmap

Two NJIT Faculty Elected as National Academy of Inventors Senior Members

Thursday, February 20, 2025

New Jersey Institute of Technology Professors Vivek Kumar and Xuan Liu have been named as Senior Members in the Nationa

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complete an annual COI disclosure

. Federal regulations requirements also mandate that faculty, staff and students who are key personnel on research protocols in

What types of financial interests do I have to report?

You must report all personal financial interests from external sources, including travel. This would include any interest in a comp

Provides products or services in your academic, clinical, or research discipline or area of study. An example would be a manufa

Will likely make use of your scholarly work or research – either directly or indirectly. For example, could the company, foundatio

Is a member of an industry, trade, advocacy group or professional association that funds scholarly work, research or is an adv

Has some other relationship not described above that could reasonably appear to impact your research or other obligations to th

You receive royalties directly from intellectual property that you have licensed to an external entity.

For research purposes, what is meant by "financial interest" and "significant financial interest"?

A "financial interest" is any monetary value that belongs to you, your spouse or partner, or your dependent children. The financi

All income from a publicly-traded entity received during the 12 months prior to disclosure plus the value of any equity interest in

ANY equity interest held in a non-publicly traded entity, or more than \$10,000 in income from a non-publicly traded entity receiv

Income from intellectual property rights and interests received from an entity other than NJIT that exceeds \$10,000 during the 1

Please note that the U.S. Public Health Service (PHS) and its agencies define a "significant" financial interest (SFI) at a lower le

Specifically, if you have worked on PHS funded research in the past year, or expect to work on PHS-funded projects this year, a

All income from a publicly-traded entity received during the 12 months prior to disclosure plus the value of any equity interest in

ANY equity interest held in a non-publicly traded entity, or more than \$5,000 in income from a non-publicly traded entity receiv

Income from intellectual property rights and interests received from an entity other than NJIT that exceeded \$5,000 during the 1

PHS agencies include the National Institutes of Health (NIH), Food and Drug Administration (FDA), Centers for Disease Control

Are there financial interests that I don't have to disclose?

Federal regulations and university policy do not require you to disclose the following types of financial interests:

Reimbursement or payment of travel paid by NJIT, or covered by a sponsored program agreement managed through the Office

Royalties received from NJIT for intellectual property owned by the university;

Royalties resulting from traditional academic publishing activities such as the publication of text books or other educational mate

Any salary or other remuneration paid to you by NJIT.

Does sponsored or reimbursed travel need to be disclosed?

Faculty, staff, and students are required to disclose the occurrence of any reimbursed or sponsored travel paid for directly or rei

However, this disclosure requirement does not apply to:

Any travel reimbursed, sponsored or paid for by a U.S. government agency, a U.S. higher education institution, a U.S. academic

Any travel reimbursement or payment of travel made by NJIT, a university college, department or unit, or travel covered by a sp

What happens if I do have a conflict of interest?

For research purposes, if it is determined that a significant financial conflict of interest exists that may directly and significantly a

What training is required to meet the COI and FCOI requirements?

NJIT uses the

Citi Training programs

.

Who determines if I have a conflict of interest?

Financial conflicts of interest disclosures made for research purposes will be reviewed by the Executive Director, Sponsored Re

Can I hire a relative to assist with a research project that is funded by federal funds?

No, you cannot hire a relative to assist you on a research project supported by federal funds. According to Part 310 § 310.102 c

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“Starting off as an ES major helped me explore numerous options and ideas on what I can do in the future.”

Arianit Sazimani
Class of 2019

“One of the best decisions I have ever made was studying History at NJIT. ”

Jasmin Jaludi
Class of 2018

“NJIT gave me the skills and experience to complete internships with major companies such as Viacom, BuzzFeed, and Sesame Workshop.”

Liem Ho
Class of 2017

The university is constantly developing new educational opportunities designed to meet the changing needs of the marketplace.

50
undergraduate degrees

68
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NJIT makes it easy to get out of the lab or library and get rid of some stress through exercise.

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Newark is a true American melting pot. Its diversity brings authentic flavors from around the world. From artisanal pizza, soul food

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The University Heights district of Newark offers tasty and eclectic dining options for students looking to spend some time off campus

Subway
| Build your own sandwich chain
250 Central Avenue
- 0.1 mile from Campus Center
Giovanni Pizza, Pasta & Grill
| Pizza by the pie or slice, sandwiches, and salads
191 Central Avenue
- 0.1 mile from Campus Center

Intrinsic Cafe
| Cafe featuring coffee, bubble teas, smoothies and more
5 Sussex Avenue
- 0.2 miles from Campus Center
Robert's Pizzeria
| Pies, salads and subs
63 New Street
- 0.5 miles from Campus Center
La Cocina
| Latin American Restaurant
61 New Street
- 0.5 miles from Campus Center
McGovern's Tavern
| Irish bar and grill with a pub-grub menu
58 New Street
- 0.5 miles from Campus Center
Qdoba
| Mexican chain offering custom burritos, tacos and more
64 Halsey Street
- 0.5 miles from Campus Center
The Green Chicpea
| Kosher eatery with Middle Eastern fare
59 Halsey Street
- 0.5 miles from Campus Center
Burger Walla
| Hamburger joint with an Indian twist
47 Halsey Street
- 0.5 miles from Campus Center
27 Mix
| Full-service bar offering a mix of Latin, Asian and American cuisine
27 Halsey Street
- 0.5 miles from Campus Center
Nizi Sushi
| Fresh sushi and classic Japanese fare
28 Central Avenue
- 0.5 miles from Campus Center
Kilkenny Alehouse
|
American pub food and Irish cooking
27 Central Avenue
- 0.5 miles from Campus Center
Jimmy John's
|
Sub and club sandwich chain
95 Halsey Street
- 0.6 miles from Campus Center
The Halal Guys
| Gyros and other Middle Eastern eats
72 Halsey Street
- 0.6 miles from Campus Center
Whole Foods Market
| Natural and organic grocery store with freshly made take-out items
633 Broad Street
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For newly admitted and entering graduate students, we are often the best source of information about many aspects of graduate

NJIT faculty carry out cutting-edge research in emerging technologies and new applications in science, engineering, business a

NJIT offers a variety of program options at the Master's, certificate and Ph.D. levels. Our graduate programs provide flexibility a

NJIT is committed to diversity among its students, faculty and staff, and provides exceptional service to the State of New Jersey

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The only 5-star (top rating) public university in New Jersey.

Source: Money.com

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Source: U.S. News & World Report

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Meet our Students

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"I lived on campus when I was a student here, and it's a good thing I did. It allowed me to really connect with other students."

Jonathan Ferrer,

Class of 2014

"The knowledge and skills acquired in NJIT enabled me to embrace a bright future in both job market and social network."

Xiangshan Liu

"I have incredible appreciation for the Honors College for equipping me with knowledge and resources to succeed."

Rahul Syal,

Class of 2018

Meet our Architecture & Design Students

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"At NJIT I've had the pleasure to study and work among commendable faculty and students."

Albina Gode,

Class of 2015

"From architecture to construction – all the elements of design exist in the program."

Elouie Gaspar,

Class of 2017

"NJIT gave me both the skills and community I needed to grow as a designer."

Renee Collins,

Class of 2018

Meet our Computing Students

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Apply Now

"I love this major. Merging biology with computer science will help me become a doctor."

Chandani Patel,

Class of 2019

"NJIT gave me the freedom and creativity to tailor my degree to best suit my interests and talents."

Danielle Tavella,

Class of 2017

"NJIT offers you the opportunity to find a field you love and dive right in without feeling pigeonholed."

Yousef Abbasi,

Class of 2014

Meet our Engineering Students

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"I'm really grateful to the Honors College for giving me the chance to do research."

Margaret Christian,

Class of 2014

"As a commuter, it was really easy to make friends. NJIT has a very tight-knit community that welcomes you. I love NJIT! "

Rozana Atieh,

Class of 2019

"I was definitely prepared for my job at Scaled Composites and perhaps even ahead of the curve."

Michael Anderson,

Class of 2013

Meet our Humanities & Liberal Arts Students

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"Being in such a flexible major gave me the opportunity to explore my interests."

Waydon Destin,

Class of 2015

"My learning experience at NJIT has allowed me to pursue my lifelong dream of becoming a physician."

Mohammad Nawaz,

Class of 2017

"One of the best decisions I have ever made was studying History at NJIT. "

Jasmin Jaludi,

Class of 2018

Meet our Math & Science Students

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"As a biology major, NJIT has opened up a world of possibilities and opportunities for me to pursue my goal of becoming a pharmacist."

Ines Nzameyo,

Class of 2019

"NJIT enhances your ability to think outside of the box and explore your abilities. "

Colin Hampton,

Class of 2019

"NJIT's physics professors have had a major impact on my education by giving me positions in their labs."

JonPierre Grajales,

Class of 2021

Meet our Business Students

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Apply Now

"Martin Tuchman School of Management provides a continuous support system that extends beyond a degree program and provides a strong foundation for your future career."

Anousha Raina,

Class of 2023

"Pursuing a BS in Business Management and my MBA at MTSM has prepared me for a thriving career in a tech-savvy world."

Travis Forbes,

Class of 2024

"Attending the MTSM was excellent for my career! Great education, supportive faculty, and many opportunities to enhance my skills."

Ufuomaefe Ogbe,

Class of 2023

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hXMkd7+:.&0%Xr""^B1=#'x0UU-ziiY{o1]JJ'_TMGqFU'6
f"LTLLL"RRRlSSH4"L!yy"d @!*"nn*@eh"G
kM::TLTLTL4\)7RR%#uOJn^8`o`?__
endstreamobj6371 0 obj<
>stream
hW=c7++*"CCCC"bTTTTTF3wo<{[ox51PP||
xxFF1yyykBu\j:"6{FMmmH26knz11<lggJD02 N
y3ZBB
yx4-jZZ4Ze5-
aaOOmm;yyAA+GTZ!Mtw<%jj
yyy'nOS\\-#{#T
endstreamobj6372 0 obj<
>stream
hWn9wEDRDHWYYYYffqq,vME[XJ<&^LL
,,5%.ZZ@YYxng!jIU+_ijffFR^
;,"&@@VSvvz@eo7BB\t0^iXX5\spx<@RJeBE;{&DJ
endstreamobj6373 0 obj<
>stream
hX:oG+[Ep|00`""":.HH>8bbwHiiaMJJ'fVV
3ee"sID($y/F)WWWtnGeVcccj)<ZZ

```

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~[FV<[ ]sy t$|<>t;;G9  
~nJb;~9=.W'x_e/]q%sf= fCH|A D  
GTC1:++r%%D65 ;Nk}?Hcq;f6_Yr>  
endstreamendobj6374 0 obj<  
>stream  
hOO\O  
VV? X>:(e||4(;Atnn|3S1XL# F++9'H'L?>)!:AZ  
Z^A&.WQj/ @ p j^ |y6 + V F h h^c [; >; 6^ S:{  
P0w{B? W[* \ 2 * ` 07 [T> Sv*; XLyw r^ OD  
s \.0 3 Q( 7lo a{ 7lo @ N N a{ 7lo  
} u n p 6| a i j !j x|Q ~ n>;~/X[D?Wcz" C  
endstreamendobj6375 0 obj<  
>stream  
hXMo7+::b%K @ m rl ^ }v yi {> G O "g F B me ^ T P . $  
Σ Xγ0 S " = y z " E -z X g ;|f m8 6Gk f = Jij E j i y  
?  
?Q? h g z 1I17 1|k < 1 G cD Qv ] y ) $ O / # * R ; ; s H 8M 6 Q >  
f! A ! A ! A ! { " e U e U e ! CP A 2 e * T @ P A  
* T @ P (CP A 2 e !(CP A 2 e !(c = 0c 3 0c 3 0 2 0c 3 0c 3 0c  
endstreamendobj6376 0 obj<  
>stream  
hjAE E h43 0 ? B 7 / 9 n [ n T z ! K t-1 % 1 J!  
2! e P , v my || Gzt, (  
z X9 c xr 8 f < 5 O xjv; k2 G < " 8  
} F ( : : E 4 F ) i V β | u v 4 - } ^ s 7 _ w % Ÿ | * & " Pm q w s < 9 ^ d  
endstreamendobj6377 0 obj<  
>stream  
hVA % . ? q A ] E % g mW { < 6 e | ZV g + { ' ' ( ' WN  
c [" x H 1 j K : : O D & # Q 7 h B ` == F l c c Q L % - p9 ' x9Yv n9 [g sg ;:  
>stream  
hW V G t [- a H / | B q L < s T g F iv | F z K G A } % == s B  
g N e 2 i d , , $ ' 8 0 Z } p Z FK5 @ ' m t $ + $ B $ P2K ' = s 9 Za G  
? Z W r  
u || = 3 [ @ # W ` 1 g Bcj " h HK ! + CC < 4 ' x % D phhj  
v , Y ) U Z V ^ % % ; Jv * Y - } st | > { xx = N G ~ ' S ^ QG  
endstreamendobj6379 0 obj<  
>stream  
h 7 D E 0 ) ` 9 $ | [ w zv2 N Ô . R L Lw 6 E m M &  
>stream  
hWMo7++::b } ) || i C q / E Giv f O Y = G # " 5 " - Wc | / b5C d  
 \ P % # + b J MR G # C . VTz . M j ( 7 `   
 5 : * 9 w K g " 1 w a K4 { a Z ! @ G # A8v 8 t ( Q  
 r : hx jw = G 7 V V - } 7 # i G ? y w u  
g { g  
endstreamendobj6381 0 obj<  
>stream  
hV \ 7 / E $ B A EZB6 # $ / To \ \ y s b w 4h 0 _ a / = |  
endstreamendobj6382 0 obj<  
>stream  
hK A D 7 t8 ? 4 5 ' @ H h / f M f # 1 9 8 O a X + X T Vp VTP n  
 nw > Q ` < A o 7 IP Û m5nPc5oPc50 MLH ~ 9 A A | | | | 6xR 69 - - <  
 W w K r y C 7 | C / B / E ~ g ? A s v q A op O y / b ~ ! b ~ !  
endstreamendobj6383 0 obj<  
>stream  
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 u g } ] kY_W Z u e } kY_W Z o { YV n ~ w S = & _ } q m * 7 b ^  
MR ) q r | r | 3L ) 3 T _ z  
 R F k ( | + | K Y R F w ( S ^ 0 u S o 7 m J o ^ j
```


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>stream██
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Ds██W*██c███i██6██Hs██Z6███4██9███Y4███h███)███9x███b██H███E{██Hs███(███"JWU██"███#███#███#V██████QU██████
t██zm██'███o██'██W███
██'███*bc██████████#██[██████#███5███4███&██o██~███wz██████_██}██7███>██████z███N███N██████o██████████-██rD_F4███
██████s██w██3███sm██ks_██████5██████%██US██████████ffX██7███{██UI███-██@██p██7"███/██████████████>██████I\$_4███)
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>stream██
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██y██s██>Nw*███p██M██v████r███k███
!████2███gB:B███A██>███g4██████9Y███r██sh███
███>██sh███*███;██8███3██████}██3██cB8███q███:███2██u███████
██t██████+██P███'███vs██████'██L███Xwz██"TG███P███:Bu███h██8██████c██z███z██████5██kwV██████████N██tb██y██y██y██
X███
███+██W██,`██0+██1W███R██b██T██\███;██8██0███(@██0██0██████████████a███fX0òj██H██k██k██k██k██k██kG███v██k███'██
██████~███;_███x██████^██████████p?███>██████████o-_███p?██f███sW]███sW]███
██sW████sW███
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>stream██
h██X███E███}███)██@;██████TAB███+██U███*███_r███
██S███O███2███pDN██████████5██████████h███S")███;███y██Tp███&███|██████3██t=~███/██████████|██████w[p███{██|██
███xy██████████
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███?██xf%#██}~C███.Cd██o██████████7!Q███
endstream██endobj██6396 0 obj██<
>stream██
h██|W███d5██████:███V{██████F,|██████G██2██Y███i██-U██+███_██████z{ë███[M██Z3███████`██mtg1███Ym██b██mT███
██████████5██████&██O███~;3E███7]███oA██████o██Hu██N██S██"███}:E███i██N██|n███%███t~██████████3Y@██a██p███
███j██T██N5E██v███"U██SM██j██SM██j██SM██j██SM██j██SM██j██S██%██████'███'███sa██████████gi85██5███^██████M██████M██k██\███
endstream██endobj██6397 0 obj██<
>stream██
h██|W███7███{██████C███d███rJ███-███|██████████RN██|███^v███?███&m██7██4███████]███s██████G██Sf]███eV███+███
███
██████r.'██████m██9███S██████|██████E███████G███|███#███:[██\███H███>██████████5g██v,z███X██<███mVm███████
██Q██2██████-h\$███*h\$███C███S███X██████████X6t███X███b███]██^███|██)██U███1j██-T███)██████████████CA███
███-███,4███@██f███████|██bT███z██████S███
██████q██+██XSK██[██████████Bo██████6██████████████/_███{███
██████'██q██)██████;██████?██████?██████'███|███|██████████_███M███J███B██████N███v███]███g███'██G███{███;███T███
endstream██endobj██6398 0 obj██<
>stream██
h██|V███\7██████la██H███████████`██████;██████]██████████9███)██████H3██!██████>███\s██U██2███(t███U██P███*███U██0=U███*r,███
I5{L██<██k██\██X'{███_██|██%██D███_███sxq██8██████O███
██████0w-██k██]K██Zr██████d██████████\███O██HB██W"███████
'██>██b██z██\███~███J███r███z██\1███\$███\$███:██f██9I5{██NR███T███\$███:██I5z███<██████████6██E███~███
/██████████la9███N██████k██]███p███&███]███5██v███A██████████-██████V██Mwr+███:y██t:y███t██████+██████>███y███

endstreamendobj6399 0 obj<

hX#d5#####6qRv"!#\$%+&'()N#####c#uM|###0=5/N##;##==F####1#*###Q###[im#)#####|"###C#f###hS##`###R#U#####t#A@#E#E#E###+###,#####7#x;###x;#####|##|##|##|Af###dV2+###Jf%,###c#####+S###m#h+F[1###V###b#####m#h+F[1###V###b#####YJ'P:#####N#t####(#@###J'P:#####N#t####(#@#*#~###|j/######h/######08#####3#####k###g###O#####/K#####.###g#####S###\$?5#OM#S

endstreamendobj6400 0 obj<

hIW

████████m████(6D▯V▯R████[████6▯W████]Z▯9^▯}▯Ku▯>▯T████#▯:████████▯:▯lyWg▯@████████z████zf5G████U████A████
 █G▯*h████
 █'Zh████p▯k████2████F████U+▯T████████[▯b████M▯FVn){████R████-qumVne▯▯RSP▯%-5████P████[████████G▯5(▯n▯v

```
>stream■
```

h|WM6+>[]A{i[]4[])cG[]Fad<#[]1[]8[]s[]S[]Q[]3[] D~+[]XK[]kYt("[]q[]\$b[]r8[]t[]r[]sCT[]v[]n[]+[]C[]V[]b[]e8[]x[]g[]#8[]#[]+ endstream[]endobj[]6402 0 obj[]<

hWM

[illegible]

|hi███|

■■■■■

```

"j_?clmXv^2}}mjb|S'kGdbbyVssgryq9k>\\!2H YwFb
T&U4A:D:{L8000000P.šp8px

```

```

■■■■yw■#■■■■V■5■z■■■kZyZxz■t■O■N■■■■■<■x■y■xZyZx■■■■■%W-■j■■■V{I■■■■■$I■■■>L■■■{■■■$■■■■■■■■■■q■■■1
endstream■■endobj■■6403 0 obj■■<

```

hIW7

endstreamendobj6404 0 obj<

hWn

8h:99C0}

Vl [] D+ [] S\y [] D`D [] a"h.l4 [] Id [] N} G6 [] :m [] R [] R [] 7 [] s4 [] +V

28r-■■■■1p■|■H■m,■jc■1■■■a■B■■■1■6■■■U■■■■■Az■|+(■M■■■GH■A■G■:■■■■■*■■■i■u8V■■■,p■■■■■N■■■■■
endstreamendobj6405 0 obj<

hWK

```

███WK███_███f.a-GR███g███dN███_B███{███████████r█;███[███n███████RK███(████R███→███m███/███#███BC███XBR███
███n███#███x███P███9███5███#PC$███i███!#F8jh███j███5███Q███$███9j███5███M███j███\███████████G███5███
███g███FC4G`███t███@███1███B4███?███0M███0j███Bq███6y███cDh███"███"███B███>h███J=███#B███9███5T&███5███N███
███{███?███zz███O███R███v███7███v███=███~███

```

9

```
o`rz/Z7e}}XSS.,
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■■■■w■;■x/■|■x■f■■■■{■■■0■■■-■■■■}69■c■/■■■■■■■■cm<■■■■^■■w■■■\■■■~■■■6 g■■■/■■4úe■■■■■q
>stream■

```

hWA

███████H███E:███"███/(Ec7███1v███████w███4███v███4t?███CC███Oh███G███i<██████2███████████|███3███1{4tBc███&Mh██████████4██████+███~p███\$██████
6████q███

4!T_a3tN#1g_w{}///?GMKAÜ?DT-;[pTSExO
oLGGg.g_Xkz445sq's.k3B_yyF@3B~L%;ΛW6]

■(■ ■

endstreamendobj6407 0 obj<

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>stream■
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hW\EZuUE)HH "([D]

■Xd■■■■V■■}■1X■■■■■+■D■■■8■■■■■?■■v■■z■■■■■■■■^■■■■■■■■}■■■

```

8H"8)OJy:Vc"rvoK"5"29["c"gcicncm"pz">=?}$s
w\sv"tz"NO_yl"9,8"?-jj[Oo"E1"0"Y"8"4nkd",?A"^^

```

endstream■endobj■6408 0 obj■<

>stream
hWM5+YMM#U] @Tb;X9v}w<W\$Z:U B+74!zQh
?|6uZ~ ~?gO>-|_n~?~{P J o w{ G,C>aJ <*=
G~k s p bU E t qw A>' E ;r E s o IIR P
k h! E + S 3y # = 3)) n S . * a \ Y k @ [{ GV { u'
endstreamendobj6409 0 obj<
>stream
hX=7+*"8)
0Ga;WHLlG8iK>|HG RK} n;ji Bu :C 0Xoh xZ@ E
 \JN6m ct P e 1! 8&8 &8fs 9w c. eS/ C e e XI 7l s %U D) 5
endstreamendobj6410 0 obj<
>stream
hM[G;x2+0L O SWFWm u ~j9 0 & _ ; c X <6 c s o
 ` # d n ' E 8 8 b / / = A A) ^ D (0 C d Z K < d Qd
 7 z SOh M = y - z H y o 7
endstreamendobj6411 0 obj<
>stream
hYr81JbB*qe;3C2k(QERv4 _ hCLv_ Ow n4' K H * p 2
 xS f diBv R.1 ^K P H R xa1 @ (% 8 9 ZJH | t " hr 6 G
 / / , ' 4 nou 1rW G j Q y 2 T W Q K YWn^ k f \$ J , j6 @ ~ w r
 ' @ VQ V . # a ! W ; ~ e a ' 9b b U v T n
endstreamendobj6412 0 obj<
>stream
hYr ; % A L f u & z l 7 \$ 6 !) { o [G H { q l E B E 1 >
 _ ! c o D ; b \ | t - H Z X & N b k & \) k { m P b z \$: B # f \$ i E ! 5 v
 Y * 2 N w 8 * Z l w 0 N h C k L A 8 * M m Z W B v d ' B O D U B D d F G
 ? r D g \ Y @ E C \ T b U - X x Y F | k - ? Y J r / B W z G *] e U j
 o (Z ; h ? d k 3 p v f z m & G N > u k g m l ~ ! _ k w 1 7 , z ~ O 6 v M 4 D : y * 2
 8 v f F W a 9 # W O v 1 N H * . e w { D X = 7 G : A 9
 V & r i + \$ ` < 3 k a) { 2 4 % ` 0 C f j , x u H V n 4 m L m - B 4
 !] o Z v g | & - P E ^ 8 J d \$ 7 . | m M 7 s 9 z 2 q (5 q 3 - x
 A V U Q - 3 , ^ j W z X V b j / 9 6 [T ! q > Q V G 2 % [X
 S H , _ _ ! _ h ` >
endstreamendobj6413 0 obj<
>stream
hmo6}G"E_bP E , l H t 9 V \$ 2 E \$ x < ! & | pd C) Z b R o
 2 \ d . J 5) H 9 S b ^ .] . 6 f 8 ~] 4 q 4 P W 7 + | u ^ ~ _ V k <
 T " M f d { t 2 { | 0 Y 1 D { i B 0 J k ` ` a % V m ; 0 j v m B & < =
 Sv Y du { G W 1 ' 8 K c = N f v h T O o 0 v T d 7 2 < 5 Z P T J < +
endstreamendobj2 0 obj<
>stream
H W Y s 8 ~ C W T N W 3] y p r - : J 2 H g v _ d K \$ A j (/ L r v z X
 v 6 & j e G p f ; | Q h . " s , C p > . n H : : 0 F | L R 6 B n a > F ? V 3
 C H { 1 & 0 \$ P G q t w ! c c) L & I C A c Q 0 \$? [9 * W
 P G L n ; ! u W Y j W 6 1 ! j 6 Y } 0 p s i s c 5
 ?) w 6 M i D a ; ! X i W v N E 2 p / w L z D j 2 4 L " y + H t # 3 =
 R A * & w E d g h B V N # S > | [= D : i | ; { \ > R < . + C |
 h G a B > \ F \ M | " } U { B 3 (? B w b . [Z H d 1 x ' 8 S [% B
 , j \$ { Q s v W t S n a O \ % Q z M H } A o N o k W 1 K J o & & ?
 @ \ m < L X [[d Y # f _ z G T * * 4 | e G (T] B ! ! + j ^ D M
endstreamendobj5 0 obj<
>stream
H W r 6 } W W !) u & 6 f : (\$ 2 \$ _ \$ D i _ (
 e W \$ - W Y Y & S , 5 < ((0 ! S Y _ L E t n | y !
 o 6 w 4 j > X X { x n | ; > m J > N \$? | > 4 O D ~ q <
 , # W o w : N = _ + : z z D F ~ & ^ I R (c V y Z 6 S ? R V
 S 4 ! z & ~ L * \$ M x
 + T B * D Z V k E I G I N U Q % @ F S 7 F + U % n R + Z ' 0 , M c ^ Y @ e `
 ^ h . J = o ! ! : j = t d \ 8 _ < E] M 6 q F X \$ /

,■+■MF■&■■■■E't■5Vw■■je■■■■Y■ad■■■■k■f'x,■<■=■u■■■■?■■■0!■■■U■■■+;■|■■■■D■w■x■*■■■■K■■■+■n■gAE
endstream■endobj■8 0 obj■<
>stream■
H■■VKo■■H■■■■+■■■■■■4 E■
■■■■■■U"■■■■■■s■■~"■■■P■■■!%■■■■j■hP■\$■■■JG_ss■K■4■■■■■■■■■■6■5■■■w■■■■■■t^■■■"■■■■}■#0■■■#3■■■■
■■■P■■■(f■p■■■\■■■■)S■k■■■*|■■■(■E■■■/Q■■■4■DH■n■■■■&■■■■73~■Pv
■■■!■■■qG■-■■■■.E
■■■■i■^H{■-■■■2r■H■■■■\$Z■tR9■■■v■■■g■#■■■\$■.Y■tI\$■]r■:[■■■PUs■■■a)■pAm;■■■C■■■■s■■■■6■W■■■o3
■■■7■#■■■c■■■■;s■0■Cc■■■O■■■N■r■`<■}■`■'■b■■■
endstream■endobj■11 0 obj■<
>stream■
H■■WKS■8■■■W■h■,■■■(■■■■*;■■■Lj&■j■■■(■■■K■V■■■_■■■@■■■■■■A■■■■■■^■■■C■h■O?■■■Z■■■■4m
■■■■+s81.■#■■■■■■_■x■■■■*■=v&[Y■deif■■■-■<■■■■6■4■■■j■uj/■■■/■KF■r■&■uyHJu■\$■■■\■■■■W■■■■]■■■■
■■■]■9■;■~■■■i■■■\■■■■{0u■■■g■_■■■/■KY■"■■■^■@■■■w■\$■■■<■■■d■[■r■■■O■■■:a■jv■8■T■■■■■■*
6i■■■■■■=■,-■■■8■■■!e{■J■■■:■n■p■■■s■■■■e■Zq■■■■ID■:■;C■■■g■+■X■■■<■Mi■/y■■■■■■m■b■■■#■■■L■p■
@■4■■■■■■u)@■Z■7■■■x■■■■^■■■■t■|■Z■_■■■2■■■2H■■■+■-■■■t(■■■+■■■■j■■■~■■■■D■■■p■■■?p)■:■
=j■t■■■n■q^■(■■■3■■■■Ecq~■■■\$■■■■)■■■■b■■■"*■-8■■■■■■f■qU■■■,%■■■x■B■E■■■Xx■%■dS■`>■■■f
■■■o,c■■■C■■■f■■■`■■■#■■■}■J■■■U■■■Gw■■■P<%S■T■%#■■■■:■■■■y+■■■W■■_4■s■■■■■■y.■■■&■■■■■■2■■■
■■■tT(=■■■■m■■■x■C7■■■>■v■ ■■■■i■■■\$■K5■B■■■c■|■E■"XM■"[EDF■+b■■■■■■i&■■■u■■■%■■■P■J■■■
(GE■!■|■■■■■■■■ULx■"■q■CtK■Y■w6■■■■■■■■3■6"■;1H8■■■■&■>■■■
■Gr■■■■■■_1■■■■■■<|E■■■\$Wb(■8■■■■■■\2■a■■■#U■■■JX■Jc■■■Q■■■?■■■(qP+■+■■■T■ ■■■■■■■:g
■Q■■■■■■3*P■|p■p■x"N■d7■■■.■■■#u■■■F6■=9■3■■■■■■
■■■Q■■■:q■a'■■■■]■#W■@■■■g■y■■■@\$9■■■■■■;■f■■■■.T■■■drh■■■@8E■■■G■<■■■9■■■■04■■■b@■■■

■■■B■■■i■■■/4a■■■■8W■D■#O■ig#■hL#■ n■■■wZ24s■■■gx■■■5■9%■u/■Y■(B"■■■■■■.;■■■|■■■@O■■■/■■■■■■
■■■x■■■■■■P■Q■■■D■■■-■Gr
■■■N■■■+K■@■[■m■■■0■lk■■■W■Y■j■vs■5■■■%Ad■■■■<■d■9■■■9■■■■kv41■■■|v■D■9■■■(■■■Xi=■■■(.■Z
E■A■{9■A,■_■■■#w?■■■s■■■x;■■■■R W■kq■■■■8■(H■■■■p■■■
■R■`■■■=u■■■ :■:T■■■v:A■■■■■■■■N■cU■t■■■1■-P~■■■?■■■H■■■Z■■■Q■|■Z\$■■■■W■■■D■&■Z■<■|>O■]■■■5■[■■■
■■■ 64■■■■KG■■■"■b■x■{d■\$■w■■■■■■g{o■10a%■c■k■949)@■Y8■■■x■■■■■■22■4'!H■■■@■■■4■■■■
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endstream■endobj■14 0 obj■<
>stream■
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■=■■■■■■X<■>■G■■■χ]0■/■■■}■■■q■■■■■■+;■■■<2■E+|P■■■:■■■+■■■|■■■ U■■■/t■zz■■■0■*■■■z■■■f
■■■■,■■■Dtu■■■|■1wG-70'T■■■<■■■_ET:■~■&E■e■Q(■■■#■#X■■■^■■■G■■■■j■■■A■■■\$■■■r■■■~
■■■h■|E■z■■■b■■■■b@■#E■■■nk■H7'■'H~>■L[■■■■W■■■■K_T|■gz■.■7■■■■3;■K8*■rJ■■■b■:cT■S■D58
■*■D■■■■c■~■:■
■■■uC■■■iL■■■+■:■ALr■■■E■u■■■■J■■■tm\$■6■■■B■j■t■■■■■■■■A■x■■■-■\$H■■■/■■■T`■■■!■■■+B■
■■■kJ■■■@■b■■■{■■■■X■■■
■■■■■■■■z■■■|h■■■{■■■5■■■%■■■3G■e|M■Ey■■■.■■■■"■■■0BPb■[■■■V■■■a°&K■■■&■q■O■kN■■■■T4■■■
■■■■y■c■■■T)■■■)■■■Vbz■■■P■■■xU■]■>?■&■U■_■-■■■^a■■■ ■■■)■■■Ut■■■UF■■■2'■'■%■4nJp■■■0■■■#
)■■■RE*■v"■{■4■■■y■■■v■■■?■■■■;■Y/■aj■■■g'8'p■■■b■■■?■%8HA■a■n:■^■)4■■■<■■■0GA■■■■■■:■■■■
endstream■endobj■17 0 obj■<
>stream■
H■■W■■8■~■_■■■8■■■xQ■■■]■■■v■C■■■CgqHbg■mb■f■■■(■■■h■^■■■q,■■■■>■_5■■■z■■■/f■■■■6■■■■>■
3?X■*L■ Qw■■■&■■■|■
T■V■|■■■Y■■■O■■■ Pi■/■■■4■f■■■■■■■■■■YT■bgz■M■■■|■[&zE■u■■■■'■>■ ~|■■■-L■■■~■Dj■■■■■■■■y■■■a■
■■■Y■■■f■■■■■■■■■■_5)■/■3W(■S■■■■■■fK■rM>■u■■■■z■■■go■■■■■■■■■#hig}■■■C■8■G■*■SU■■■
V■hC■'k■■■0■■■g■PSh■■■O■A|■|■■■■ ^■■■A■■■jHiL■X■■■y_W■yX■u■■■■■■82■h+■■■■a■J■■■F■■■@■■■■
■y}■.■■■■■■|5■■■■8■■■■B■■■"■■■■p■;P(■J7^■■■Ce■■■aR,[■]F■ P■OunY■]■%■;w■■■!{■"■■■■94■■■(■y
AH/d■■■B@■■■■■■■■v■ @JKI■■■P■r■"C■■■}N■■■■P■=4e■h■■■%■■■|■■■Rg■3'■l■■■■Oj■■■■k■■■■*
)■n■■■bF■"<■"4■■■■jM■■■
■■■(■■■-■■■■|■■■■ppMWo■2s■■■■(■C■R■■■=■■■u■07■■■T7?■■■■■■■■>U■■■a■■■u}■■■bd■!■■■■■■?
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]t■■■S■■■■~"■q■■■■■■6■■■j■■■■Ü■EF■■■L■■■.`■K^■■■G■■■■g4'■b■ZV■■■■■■■■?■■■M■■■■■■■■
Z{■³.=■y■O■|■■■Y■o■■■ :7■■■t■■■w■■■QK■%■■■■D■jy■}H■■■+uE■■■q■]■;■■■■■■_■■■-qUb■■■
■■■■<■■■■>mh■■■H{■■■■k■■■W■d■■■)M■■■■Q■■■d■■■■■■■■■■*■■■■6ry■■■■>■■■!■/■■■\$■%g
■■■V■■■■■■z■■■k&■z,■■■K■■■ W■■■■\$■■■^BWu■ _T1■v■■■#)■■■A■■■d|/HO■■■D■■■P■■■8%■


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y_z'Gkd!Zkf8K%{L}{R}6i?b}[9'2e_m_aSC5F`r
tUbbK*iPU,O`_G_d30i>W))d
IR>^2`CFFPa=bbb*2,-4AXXXXXl1i~81
Z!!!!!!V##X&?ØOy;
BW0<k@o_b_*=====_0'r]:o.(.{N=====V
LL8 4hzzCy_a(....3$=====U:X(b
hJOB~~~~~'4#',Bwf_m;~Wva|x4[SS0-Nzvb3r
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R((0Dw @W6]+#S+++++ck6)Y~e>QaqL08P;çjqNMVee
u)%PQHh>=^nnIUef$dITVr*?L,iEnV;@gf'dwjo,0smm~9X
^7aS K æ jbk N r ((WiQy- p Eh783508ZT1
$ # (8PH+++++mD0dddx'x!$, @P Sd =,6no m R q
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5)_..U<Q<<
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m*/Ay ) j>[% f h A * VT k { v2 HL k A4 H ` w F dd' 3q j
x,, & , p p G , P$Y> nc 5 g Jg G D > < : C " E M ( Eh K ' WB L x / 8 > 6 = N ! b
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m B H x Q u / ) = } | X PL Q D $ G ; 0 ^ " U | j j \ m u * RG \ 1
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E ?? } 1 r { o K ? { ? ? / > U ~ ] D me a s MUp r > O
e i ? ? > T 2 ) ) 1 M ^ $ q q G ` D n _ X j B p H W _ { x ?
. . @ \ { 4 h & G = $ R % 6 OW A & D I A / R
} , , E m D ] h ! B e x V 6 \ S p g # - N - t Z F m
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T @ U x p S ) . ~ B * D c m q j g Y Q M f Q 3 s a ( * ) 1 c 8 X bs d
) + | > ] f Y ) ž | W H | | u F < | @ V q | u KP3 p 5 f <
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#\$0"U!O~W*****F OEtI6J\$ qHy`Z`Z`Qz`L`E`f`j`u"n`q`O+`eV`6`2&`N&r`k`q`Ind`z`Qs`O'Skp`T`5`8`7`0s8`*w6`"w6`w8`
{`T`\$`sWVr`|`A`"H`m`\$`v`A`#`Y`^`z`9S`c\$`
T`FR`{Qw`AV`p`b`CxB`d>`"c`C'β=X`R`6RB`M`\$`2@D`j`Y`HH`k`
u`&C`k`A`-h`l`h>\$B`Åj2`J`*HmZe`7X`d`eg`|`{`d`Y`]=`j`I`#`c`X`
(`+`Q`r(Z9`LZ`u`-`Fg7`rT`Cff`i`7`Z`f+`[s]-`
j`u"n`q`+`cyE``[`j`@I#`c`k&9`m`9`bl`5`z`6`[`G`]bn`
3`_`131`'L`?`i7`R`@`PF`Q`+`H`k`p`0`P`Y`+EH`-`6N`
s`/^`V`XQ`>`Zk`V`HTK`Xj`6M`<`N`Z&L`:
9`Tx`=!`1`/`cn`D`u`S`:`QNF`*%O`T`η2AJ`|XFJ`1`[%`y`#Um`U`in`U`
X>`J`+"`(`X`Fcj`V3`O`Z`d`h`&|`9`9`q`y`d`y`[`
~C`V`A`D`N`_`e`Jt`k!`6`:`3`y`u`%`Y`7`n`r`F`n<`y`";`s`
5`
P(`1`e`+,`^`J`x`+`[`D`.`79`g`jz#`q`}~`()U`rZ`X`1`
q`CW`"A`X``5F4`li`;`pe`b1PS7^`U`&`6`m`b`|VZ`"?`c`
DS`^`l+k`G`PJS`MJ`V`Z`v`\$j`mb`-u!`I`5`a`*A`>H=`
^`S`p`oYU0`_`u`/`
J`O`*`S6`V`<b`5`/1`[`a#VL`1`!`T`8`|`>/?`@`8H`W3,j`7`*c`
U`q`6K`~`i`A3W`hr|`VG`6`[`
5mt`5N`u2`k`k`{M`i`~`8O`~`jo!NX`\$`-`~`V`x`(`Y`^`#c8`4`
b`^`UB`v`v`T`j`i`C`~<`s`(`=U|P`I`O`S`b`X`C`H`o`@`g`JR`P`
1b`8`!`n``p`M4`N`H`I`C`1`M`
d`jP`E`P`d`Q`0`bTT`D`ml`,`q`5pq`'r`{b`&`T`z`1Hu`H`J`*{`>`
R`v[`k;`nL`J`G@`D`
*`P`1`U`+`U`S`]`P`>`D@m`r`0e`n`Y`y`p`2R`4`f`Cy`x`
b9`'g8`q@`*;`E`G`[`2`J`Erm`GD`o`f`(*`A[`J`H`@`:`>`JnXH`S`K`
:`U`%`<R`B`5kqa[E`Q`?`E`4`K`,`qK`=`S`S3`"J`@`Vj`*`s~`
&`k`A`hKr`,`β`{b`&`T`z`1Hu`J`H`4`J`*{`>Oq`iP`'Z`r4#`m`F`z`_S`J`
5k`5IO`QQ`U`X`t`gM`=:`Q`[_`c`+h`/j`-j`k`5`t`K`M`
A`W`5`Qb`E`v`F`C`Q8`D`dk`h`^`#`m`S`W`6>`k`Á`e`i`h`
]
JX`K`y`"tf`7`b`l`f`P`1`>`]KY2`=+=`c5`]r`P`,`1Z`F@`]T5`
[`@`|`(`V`B`!`q`P`E`9`N`n`&l`r`)|`>/d`IKCM`{`q`y`^`5`e*`:`3`
C`)*`R`c`!`;\`9`d`%`Sq7h`#`tJ@NK`Z`
L`U`w`N`Y`0((`L`l`Cf`dP`E`&-kAb`8`_`@`m`J`H`y`^`-`
9vY,N`a`U`|,v`]`t`jgs`X`|`':`n`/9`t`~`pW`1aW`\$`,`e`A`
p`?n`(`D^`a`Rj`%`^`^#`Cn`l`V`&`~`e`0`G`u`
]u`J`Y`[`t[`@`'v`!V`3`>6PS`|`:`:`*`E`~k`E`A`,`X`b`l`j`
f?`L`B`T`+`p`K`PD`8K`Q`(`b`3u`)"`EXf`5`
5`VG`/v`P`VBL`!`1`~`Mx`
la`*`qzP`oMd`c`J`(`?`7W`E3.``Et2d`r`,`ø`1`rwRX`N`zL`Mf`YJ`S`
`{`N`O@3`-L2`6e`d`
`0`;`@`v`&`0q`|`l4`{`87`
F`v`alU`q`l4`[`_`~`u`i`%c<a`=`x`{`%#`Q`z`j`S`V`+`H`Q`#(P`
rl`P`o`go`vz5O(-n!Qo`9-y`E`E`b`a`42v`{`i8`"w`?`_`:`'w`h`
^`_`=R`i`_`i<`/#`.*`j{k`5`_G`vA`V`S`j8j`YZ`F`K`
Ugx`#`5`YO`dJ`a`Z`U`@`P3X`
A`
KD`"Ri`?!`3@`");`Y`|`6`W`<`S`S`?Q`t`F`U`N`hd`
\$3`0`UA`c`U`k`
x`d`o`9`2`S`#`*W`BTVGJE`j`O`P`@`N`@`P`p`T`,`4Jv`V`
l+`%`pq8`P`teT`~`dg`fr`N4k`Y`B4`(`G`J`O`(:`6`20`r0`G`
e`C`mG`1`N`p`m4`oET`w`g`z`
g`CWEe`6AB3`S`W`W`kh`8`wn,z`Ey`{`x`7`jYO06E`>m`{`At`]}+r`w`mOW`q`
M`m`O`J`t`8`t`Ka`*`m`B`R`EJt&`G`f`iKx`b`+`v`\$e`d`1<x`S`v`
Q`,`4`l`+`M`X`M`^`\$`>`!`2Ef`%`r`&`
F`c`q`7`5`S`
-K`L`U`x`F`&`]`^`+`B`AY`u`V`#S(y`r`j`R`*`4`x`T`l`9@`
y`q2`#`?`C`.`nv_`?`y`S`9`-60`bQ`A`J`IR<P7`h`J`

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K6zmmQ<fnn
w1jjnbaf^A5uuhn6)kkU*****|mmmc+
Ho~to0l~tOOYt...x48
>~e~DzzViiMIIY...MMY[laQ}e)p`B~TI^$
2+i#P$V7T3h0O10zW8Vg2$9kD21vJjj^qyLU]=8[
^D~vfZUeJkNNZ,RV5(zz*M;ZUJIIJJjZn,aMkJJTJJjVnV&&
fG(vjXjc(WG8##6ldtwes$N
y.7OO.T-@S_;cTwwSL-yHu~fw?}z
Z\L~~&1vvmm*%PP%512f)Or&ONt<G;7~\pVqUkB@6
X
: d/7oN42OOGG{5@`4jjAA%q4-1(XM
C~Ev|..5hMxByG...h.%
;~>~q@)~|~S~q
cZmbSqrr(w#P
>~+7?~r*oBt$X
F>u"p~x~|s~t=8Q~S6R~*p7{[ld
p2zz'~m~LO]:Yz^~eY~J3"9ã&qX!~ri&~"e~-"B<
N7~o~HR#(mV~M~l~v.c~]~e~%G~b~]vY0T`~{~r
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endstreamendobj27 0 obj<</Filter/FlateDecode/Length 32633/Length1 91583>>stream
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x$'~Y~A~JaR~!R$5A0]e8L~l0[~q-[~x>~|~u~Q~R~b
>~"3~U~%D~Q~q~P~VUPy`~v~UM&~O~M~A}~A~u~Ek}~B
G?~--}~==RWE-~#*~A*~^~F~K~v~m~i~*~x{~9~m["~v~$~l~U~C
le@'~n~A<~)q~K1~w~Q~&^`~x~yE~z%~x~r;
y~^O6#~)~&
C(F0SghdB~JF7JAw~(P&zQ~P6z~G~HV~B~y~F0~c8-%~E
9,(B)~R~w~P~CY~/~+5~IP~u~(R~o~j^~lV~(~~&^~$~w
:~*~
F~i~F~Y~0~c~^~h~A~r~W~*^~X^!5~5~x~k~-~x~==>
D5Y~)~DMU~U~*S~j~yj~Z~%j~Z~V~j~Z~6~Mj~v~j^m~W~a~W~k@~"Kd~k~k`~b
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Sx██n~███n)s███^███zw███0██A███!d██Z███x3██V███7o██7██K"██_██z███25O)(██So███#██~███^██`███
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^██(██*d███\Wb███t██\T███\j██;qF███\f██&███}██X██K███:███e██qS███:██L2███7██Df+}███-'g██Q██]+███x███n███1██l██d███
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███
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j#
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#>#####,######`4<.#b6#-d?d/#v#####D#O#####0#_#h###n#6#t#####G###+###!?1##E###)##f#

#e#9###!#####IQ###DFy#####}#####8f#m#=#z^#X#w#####i#d#####0#####C{#s|##|##m#?'#j#
#n]###M#####\$0=#|Gp###@/#bZ#c#e#}###K#####p###;#b#####X#h:#+?T#T7#}=#>#####wi#?#d=N2###j#
`#C,###>#####'#####|##7#####A_Q###!##W###2#;##T#####IT#[##m#z#####9#####%##&B#<#####.###F#>##g#
#####*##i#-##U#####e]#####JM#q#U#####|#####8a#QO#####c#w###+muw#f#%#%3m#####b#
##z###Q#_S##P#&j##T##>#####/#####~#h#####[##D=+gs#####m##
#s###+#####`d#d#c*#####r#k2#jV#####P4s#####:##!#`|#####uQF#####.c<gl#k###W#T#\$#####<G###!#####iJZ#
#U#####v#####]###T##HwX#bo#####7u<#####;#@#|b#|#####%####_#9#####t#&Z/#####T#
#####i###7#####_###M#####5#\#####|#####y#####O#|##W#>#####Y#3#####L\$#W#]u###S}
#####W#####o/#r#}##g#M#####|##1#####K#####+##s###C##(##>###%YR#####|x#T#####yy8]#T#ey:
#\$Sh###T###?@###:######k#####L-:#####5R#
[###Ve2:}2###AJZ###5#{###q###r6###P#h#####+Y#3###F#
###WfJ#####w,###q#k####{##}#####<`#S#Z###|C#p#####8#K##v#####;#####r#####(###y#~0###Q#####
Z+##Di#####P#D!#####R#Z###Gv#####9###|i###?#s#c#####_#5###g#v#F#RN~.###y#v#####8#E#c#####^x#####
#-##{#H###b#O
#3Of#####}###(d9s###QO###Xuu]###&+e# #W#####9/#F#FS-#"#G#####{###(P#D#X###.###2[#####m#w#####
|#####|<#####z#N#####i<km#####Q###.X#Z#####Lv#####p6#####P#Nβ#++o#S#w###1#x#3###J#/#Qi#R###W#
j#w#A#r#"#Z#####\#z#e#yP#####D#0wJ#"<k:8###2#9#{#####@#JGP##2###;n#L###/#w[d`##2#_#x-#
#####+###Sq###G###!#2_y#####Zf#}#####o###Vf#g#`#####2#####?#d#####;#####{d#yD#
o#####7z#\#####K#####0?#####Z;##K#####V#####vFuf#T##{P#N###/#e#####q#####smp#l#####:~#p#X#####
###\$#UK# @M#F#J###%#Ue#####"\$#####2###K###J#jv#y#####o#o#"#d#!#####=#e#b#####!
###%###+#####{#####b/####w#NV#qM#/######T#z###Z###.!!#####P~^#B#####O#
X#hls#X#a#5#'#####8#n#####@4###U#####&xO#####N[4n###Zá#?I9=#M###Z#hG<`#iKn###m#.####V#
Q###[?#h#####Y#####/#####(#####FKi#-#|#8#4#####S#####a1#/#eh#z###W#7#g#####|#####
>###.##`#'|#####2#'-#]###S#####7###T###P###-#####L#h###~#####;ly#z###|###B.#r#####|###r#
#####8]#####f#####m#=#d}###v#####>#)#####a#J###}#F#|###R###V#####Yz#,####-f###,E#fi#YZk#:#f#o5Y#V#Uk#
51#e #;#<#:#l:#t#\###D#####@v###K9#un#!#w###_#p#####NR#&###c|T#do###\>p#####e#####m#>i#2#####
endstreamendobj62 0 obj<</Filter/FlateDecode/Length 226>>stream#

H\j >w %P r NR eb y 6l * s)d o @ q ; @ .] b
endstreamendobj65 0 obj<</Filter/FlateDecode/Length 4952>>stream
H WKS 8 W (NY0 *v IM j (@PR^ \$ n4 W YW ^ z
> 8 v . E Y eOK hG O 5) èD rd . f # ND X j 6 e[ZT =)
| zAs7 a 8 q f &/ G A%-YL9 ; / . M) Z gV =V | M 2
5r T t%nJ C[3~ (+ T + ` > * V | Zs HO^@7 O hi
LL +H [2 i&SF / 2 9 K p O [h ; j G t - whWW YJ ? 1 A [9 a_5]
U_9 /G J age2 : X/ Nmh lv f&T G + / / A | .] bGF V Y14 " } + /
((W %qO { ; q Z c E , ! x # 3 k , 3Bw- } xG dG p 7 } e np\$T
Tv eW B Δ uv }
a ? j5 { k C(P % J . u } xA k h | < _ o x a/A @ P3

[d x E jx~+ L ZY W (3 %^ N dx 9 0 x <[. t v:'o)D+
"o: ' :) m_ vW 2 4 B * Y @ > a G y x eegE } % : R Kc N
A gB 2 ~W ! 6 D # W d' D 2, RM (J uf ` c g
e J r > E J Y}u L s : : W n_ 8W!"H 2d @ 0 lv! & ^ = I JpU*N
BXc M , HT i u 8 } R [gA F ! V a A #usK { | 6^ m!
[W B @5f ~ d n M d d = | { | E & X M f F -M Pw
P } + # ~ T * _D , Q u RIK ' i q < vx Q g 8 e Vn ; R (" | [, R 2 z
K , cK D g @ D o G d t X] B | 2 +Bg p < D * H . ~ | m lav ! Q d ~ , .
Lh H) R , o # OC O E V w7T Q \$ V A L J RP P > o [-q jT ? T ~ 6 5 Y
endstreamendobj68 0 obj<</Filter/FlateDecode/Length 3613>>stream
H Wmo _1 Zs @ &MT
E * R - > E P C ~ L . m jQ / n . WW w ' & TZg JS Y La')9
9Z ` Yf j i K ω 5g : ' K B yK _ n x PnZK x . G 4^ . N KaE s M
d) J) > r Ž # p s4R ! uc5 M v J A X % 6t t ~ ~ D Eg X c
e ^ N T e O DG + ? L + * ' @ GT 5A > A mi ~ V U
eg W 6 v 4 * or\$Q
No \ V ; r ~ B k # # q E ' . KE > N] ? ξ ' - *] Ug 0 =
 } 0 n : d z p R 4 \$ i 1 & gNg v { : } 6 @ g (z z [H C C
 Y W y9 / WK x ~ wp + C : { p ^ h > s F 3 @ 1 , 5 6 H w > h |
R ^ E V) + W O A y 0 x : H . # y o { G : 3M B qs / z * < m a = 2
 Gv J V = GAi W < [G ! p h g6 V ? / 88 XD * F ! ! _s L)
a] : ^ 6 V F r ; , { N9 S QB u n D Sy < B) a N 1 r ~ pm ^ 3 v i 8 <
b @ mv S2 S H J6 e ^ k' } O . t " k c (4R { W v w N cwp x , _
 Y r Z / gD \$ R H D m ! J4 6 x / E _ A { ? Xcu 3 qD L ; M
 W UK B LS t Mer PY C - # o * Bv Dx d y > TQ u ^ + X \$;
 w Y t 5 / ' 3 + i D : Bu) % + 8 ivx O \ Ab } |
endstreamendobj71 0 obj<</Filter/FlateDecode/Length 4591>>stream
H W } W # Z Qr j W " b % K K8 \$ P W L_f0 S~ t o6 j
 Z } Š B . y Q " D | B U N n X # } m , d f P 2PG - ? 2O = = ?
 3Q V D E y 9 z & o] M Ek AR ' & g f kQ c = Y ' @ : 4f Y
 R E & S Z gO h ~ o " olf 8 + J j 1BS : y / 2 [
 f (R B & 1wl Z Q8 R ,] @ a < R) B r Kf t < \ r - Q + ZT
 i -D f7P x jswpk1 v 4 - 3 [Q D R T | 2
 k < y ' (Y xm k j h9i Q = OI H " " % [N I R
 F (d * ~ | ? !
 0 NO ; LO ' v xT p _
 \$ 3k [T ^ H \$ QW y τ L ; r t l h
 ~ { P o E " Uk r Qh 34 Q] A # (a) ' h6 6 r o < n . % S 1
 zRG \$ - P >] 9 X 8XR ? Y > . 5mA &) n w q 6 ? .
 u 8 \$ L / | | < _ b v 8 1e 2p 5 D } b o : (B4 \$ Y xp
 S [S.NL > Cmx " ,
 E M # 3 : : U + ` : q D \ 8XU 82 ' M 7N ` LqG j c g | - ! k , F1
 E # = # Y2 = ` b " k { F C - + | ~ , Z 7/1Y'n 1Hx v \$ 1 k " "
 y R UZm Q 4 5 v + " ! " ! M Q % dn 4tW | xyzik ~ ~] _ \$ 1 X Z |
 @ \$ - R j o) ! 6 : * % k ({ i = ^ x 6 S Br5 ID / / ! K K \
 ~ y 9i1 1 , r dfB W knmy R n O \$ \$6 n'U 07 : :

[d x E jx~+ L ZY W (3 %^ N dx 9 0 x <[. t v:'o)D+
"o: ' :) m_ vW 2 4 B * Y @ > a G y x eegE } % : R Kc N
A gB 2 ~W ! 6 D # W d' D 2, RM (J uf ` c g
e J r > E J Y}u L s : : W n_ 8W!"H 2d @ 0 lv! & ^ = I JpU*N
BXc M , HT i u 8 } R [gA F ! V a A #usK { | 6^ m!
[W B @5f ~ d n M d d = | { | E & X M f F -M Pw
P } + # ~ T * _D , Q u RIK ' i q < vx Q g 8 e Vn ; R (" | [, R 2 z
K , cK D g @ D o G d t X] B | 2 +Bg p < D * H . ~ | m lav ! Q d ~ , .
Lh H) R , o # OC O E V w7T Q \$ V A L J RP P > o [-q jT ? T ~ 6 5 Y
endstreamendobj68 0 obj<</Filter/FlateDecode/Length 3613>>stream
H Wmo _1 Zs @ &MT
E * R - > E P C ~ L . m jQ / n . WW w ' & TZg JS Y La')9
9Z ` Yf j i K ω 5g : ' K B yK _ n x PnZK x . G 4^ . N KaE s M
d) J) > r Ž # p s4R ! uc5 M v J A X % 6t t ~ ~ D Eg X c
e ^ N T e O DG + ? L + * ' @ GT 5A > A mi ~ V U
eg W 6 v 4 * or\$Q
No \ V ; r ~ B k # # q E ' . KE > N] ? ξ ' - *] Ug 0 =
 } 0 n : d z p R 4 \$ i 1 & gNg v { : } 6 @ g (z z [H C C
 Y W y9 / WK x ~ wp + C : { p ^ h > s F 3 @ 1 , 5 6 H w > h |
R ^ E V) + W O A y 0 x : H . # y o { G : 3M B qs / z * < m a = 2
 Gv J V = GAi W < [G ! p h g6 V ? / 88 XD * F ! ! _s L)
a] : ^ 6 V F r ; , { N9 S QB u n D Sy < B) a N 1 r ~ pm ^ 3 v i 8 <
b @ mv S2 S H J6 e ^ k' } O . t " k c (4R { W v w N cwp x , _
 Y r Z / gD \$ R H D m ! J4 6 x / E _ A { ? Xcu 3 qD L ; M
 W UK B LS t Mer PY C - # o * Bv Dx d y > TQ u ^ + X \$;
 w Y t 5 / ' 3 + i D : Bu) % + 8 ivx O \ Ab } |
endstreamendobj71 0 obj<</Filter/FlateDecode/Length 4591>>stream
H W } W # Z Qr j W " b % K K8 \$ P W L_f0 S~ t o6 j
 Z } Š B . y Q " D | B U N n X # } m , d f P 2PG - ? 2O = = ?
 3Q V D E y 9 z & o] M Ek AR ' & g f kQ c = Y ' @ : 4f Y
 R E & S Z gO h ~ o " olf 8 + J j 1BS : y / 2 [
 f (R B & 1wl Z Q8 R ,] @ a < R) B r Kf t < \ r - Q + ZT
 i -D f7P x jswpk1 v 4 - 3 [Q D R T | 2
 k < y ' (Y xm k j h9i Q = OI H " " % [N I R
 F (d * ~ | ? !
 0 NO ; LO ' v xT p _
 \$ 3k [T ^ H \$ QW y τ L ; r t l h
 ~ { P o E " Uk r Qh 34 Q] A # (a) ' h6 6 r o < n . % S 1
 zRG \$ - P >] 9 X 8XR ? Y > . 5mA &) n w q 6 ? .
 u 8 \$ L / | | < _ b v 8 1e 2p 5 D } b o : (B4 \$ Y xp
 S [S.NL > Cmx " ,
 E M # 3 : : U + ` : q D \ 8XU 82 ' M 7N ` LqG j c g | - ! k , F1
 E # = # Y2 = ` b " k { F C - + | ~ , Z 7/1Y'n 1Hx v \$ 1 k " "
 y R UZm Q 4 5 v + " ! " ! M Q % dn 4tW | xyzik ~ ~] _ \$ 1 X Z |
 @ \$ - R j o) ! 6 : * % k ({ i = ^ x 6 S Br5 ID / / ! K K \
 ~ y 9i1 1 , r dfB W knmy R n O \$ \$6 n'U 07 : :

[d x E jx~+ L ZY W (3 %^ N dx 9 0 x <[. t v:'o)D+
"o: ' :) m_ vW 2 4 B * Y @ > a G y x eegE } % : R Kc N
A gB 2 ~W ! 6 D # W d' D 2, RM (J uf ` c g
e J r > E J Y}u L s : : W n_ 8W!"H 2d @ 0 lv! & ^ = I JpU*N
BXc M , HT i u 8 } R [gA F ! V a A #usK { | 6^ m!
[W B @5f ~ d n M d d = | { | E & X M f F -M Pw
P } + # ~ T * _D , Q u RIK ' i q < vx Q g 8 e Vn ; R (" | [, R 2 z
K , cK D g @ D o G d t X] B | 2 +Bg p < D * H . ~ | m lav ! Q d ~ , .
Lh H) R , o # OC O E V w7T Q \$ V A L J RP P > o [-q jT ? T ~ 6 5 Y
endstreamendobj68 0 obj<</Filter/FlateDecode/Length 3613>>stream
H Wmo _1 Zs @ &MT
E * R - > E P C ~ L . m jQ / n . WW w ' & TZg JS Y La')9
9Z ` Yf j i K ω 5g : ' K B yK _ n x PnZK x . G 4^ . N KaE s M
d) J) > r Ž # p s4R ! uc5 M v J A X % 6t t ~ ~ D Eg X c
e ^ N T e O DG + ? L + * ' @ GT 5A > A mi ~ V U
eg W 6 v 4 * or\$Q
No \ V ; r ~ B k # # q E ' . KE > N] ? ξ ' - *] Ug 0 =
 } 0 n : d z p R 4 \$ i 1 & gNg v { : } 6 @ g (z z [H C C
 Y W y9 / WK x ~ wp + C : { p ^ h > s F 3 @ 1 , 5 6 H w > h |
R ^ E V) + W O A y 0 x : H . # y o { G : 3M B qs / z * < m a = 2
 Gv J V = GAi W < [G ! p h g6 V ? / 88 XD * F ! ! _s L)
a] : ^ 6 V F r ; , { N9 S QB u n D Sy < B) a N 1 r ~ pm ^ 3 v i 8 <
b @ mv S2 S H J6 e ^ k' } O . t " k c (4R { W v w N cwp x , _
 Y r Z / gD \$ R H D m ! J4 6 x / E _ A { ? Xcu 3 qD L ; M
 W UK B LS t Mer PY C - # o * Bv Dx d y > TQ u ^ + X \$;
 w Y t 5 / ' 3 + i D : Bu) % + 8 ivx O \ Ab } |
endstreamendobj71 0 obj<</Filter/FlateDecode/Length 4591>>stream
H W } W # Z Qr j W " b % K K8 \$ P W L_f0 S~ t o6 j
 Z } Š B . y Q " D | B U N n X # } m , d f P 2PG - ? 2O = = ?
 3Q V D E y 9 z & o] M Ek AR ' & g f kQ c = Y ' @ : 4f Y
 R E & S Z gO h ~ o " olf 8 + J j 1BS : y / 2 [
 f (R B & 1wl Z Q8 R ,] @ a < R) B r Kf t < \ r - Q + ZT
 i -D f7P x jswpk1 v 4 - 3 [Q D R T | 2
 k < y ' (Y xm k j h9i Q = OI H " " % [N I R
 F (d * ~ | ? !
 0 NO ; LO ' v xT p _
 \$ 3k [T ^ H \$ QW y τ L ; r t l h
 ~ { P o E " Uk r Qh 34 Q] A # (a) ' h6 6 r o < n . % S 1
 zRG \$ - P >] 9 X 8XR ? Y > . 5mA &) n w q 6 ? .
 u 8 \$ L / | | < _ b v 8 1e 2p 5 D } b o : (B4 \$ Y xp
 S [S.NL > Cmx " ,
 E M # 3 : : U + ` : q D \ 8XU 82 ' M 7N ` LqG j c g | - ! k , F1
 E # = # Y2 = ` b " k { F C - + | ~ , Z 7/1Y'n 1Hx v \$ 1 k " "
 y R UZm Q 4 5 v + " ! " ! M Q % dn 4tW | xyzik ~ ~] _ \$ 1 X Z |
 @ \$ - R j o) ! 6 : * % k ({ i = ^ x 6 S Br5 ID / / ! K K \
 ~ y 9i1 1 , r dfB W knmy R n O \$ \$6 n'U 07 : :

```

s%{bZ#F7#o}4#
endstreamendobj74 0 obj<</Filter/FlateDecode/Length 4153>>stream
H W r 8 } W i h T N 2 e m C 2 Y N k ^ Y S 4 } B b _ = y - W _
! x _ kv f ~ f ~ ; } q w $ h + R ( q U m G f 7 G d - . ` ? d Z [ \
9 j N \ S 9 M ~ ~ O & J b 4 #
| T ) M k k a u m
b z T Q Q " S X C % Y 9 D b # N x O 1 3 > I " % " ? R ,
& ) ` p J & 7 I K > @ ~ F p E U % h " f v D / d D @ d < K ' $ c ! | n 7 <
> s $ | 3 + ^ a C P 2 3 ~ A @ \ [ K H x 2 ; % 5 * z = o M + s | 5 G
v Q E # 9 G | H F t C D o F } 0 h \ v ? ! 9 y 5 5 b " + e O - 7 z
7 C u C L > 0 d j 5 } W a . G . B t ] 6 - v
W T 0 < 3 0 o ' ^ * h j Z b ^ { q ^ . ^ ; z v ; | J z l x S j ; = R j c G N T
X M k 8 H h > w 3 z g T l e g i ( t A A 0 ~ $ a K E " z / 5 _
l @ f i e 1 J L i X q P n @ 6 ; v R % ^ 7 ` « J ( G ^ t q -
[ / D ` v ~ > 1 F 7 7 3 p } ( $ ^ % K s " + ) v \ c % G 5 Y o " .
x D _ " 2 n w " 1 T ( * ) = d w ; x n a k , f Z w E ' P
/ 9 7 O z f x a E x 7 ~ Z 6 # _ 7
t . 4 d . i . ^ u e k 3
endstreamendobj77 0 obj<</Filter/FlateDecode/Length 7908>>stream
H Y s ) ) M { * S | " G b ? ~ % M 2 O _ f ( = { N v o . ^ _ ~ u 8 \ u
q G C m 6 6 2 ' } G > ) % b ` { ! ; R C @ @ Z i p H J | t
T ' Y | % i k | 1 U M ; K + # C c o _ W t P ! ~ . * ' @ p L
X t a ^ > 8 M ( ~ n , ~ y 0 ) y k U 5 C ' ' w d r { _ } - R Q = D 4
F $ % h 3 % X E n q 8 > G M , - 6 - t Ó z 3 Z Z
B $ Q E O F M F Z ~ ( & t K } 3 ~ . Y O \ O Z | ' } g j $ G 3
D $ U 1 + U } Z T L Y 2 . ` x . t P R $ E | V > V z U
Z % f V | J { V U y O ' k
Z d [ A
s r } T R e ) B Y c
B 7 V H 6 e X Z t } $ ; F U C e v % ] 0 y Ö o A - : + : R $ { e #
w ; f l 9 | J j ' o e f . f G O , x p z 0 C ? V ? - G } [ R M x & 7
v @ U A & H W > p [ W ( U V O x ~ X E { # ~ j < H { @
F S ( = t F % ] % x X P ' d P U * O C . J 3 Q 7 1 | * # T h G ,
G Y 8 F
G % ) e ) e > & g 1 g ~ % w k 5 ' P W s t 5 ' B W b U * @ ! ? P U - m 1 A f } # /
% b O R r 8 V Q { , 6 7 ' 8 v _ D * δ ~ 8 G [ 5 & K * v e V G U
L + N { Y t ^ 9 6 ? W } w T $ d + b u 7 } Y m r w M 6 E m | E \ L q 0 H 0 5 O
J 4 M i 4 M > Z y h p . \ ] ' b ! w U 6 C ) k J W X G
H Y @ : R 0 * i Y c ) e m
, H A ( k B W Q <
v = ~ Y n ' s T 1 g H s T 1 S e ) 4 ' 4 y E @ \ a ) = r | c | m T Z g ~ B
P ? q v N C < i * | * ) P G
g A o p ` d D F % k * H A % k * H A D T # Y T # Y T F ( ' ) & r T ! d r ^ %
8 u # 3 p ~ z 7 ' ? d q # i , r M $ 1 s / D 1 v | I * 9 Q j K J W
c j J X w g X 9 > h x T ~ a M @ ; > c ) > f D : j F ) > J
[ & y w - + B h Y z ! ! ^ v X g a k s U m 6 g l U 3 7 i U U S J Y t O s `
N Y q X 3 V E g
T Y y 5 O < = 3 Y s . G 8 n e _ I A 6 I C 7 ^ = R `
f
> 0 k | I K o
\ s J r Q k U s @ c C C 6 r N Q C u ( ~ Z # ! > g s ú o d W 9 = ^ h h O }
ê u Z s ; J k D 9 U V U \ V ` ^ U V V V V I * ; V X * ; V X * g ^ z ]
w
endstreamendobj79 0 obj<</Filter/FlateDecode/Length 6055>>stream
H n 8 Z i Y < J 9 d , = n = V "% { [ R E $ + ? o . c
d r ~ ~ + 4 K $ = + o { 9 _ 5 J # R Q U C s ~ n h K 4 : L u 8 A ' ! n
# ' | w ? + r [ w H Q t ; e _ K H N - & = X N | u y
I 2 Y u U k F U A l p - l k m U =
V ( c 1 T 1 D F M x 6 t 6 D o 5 & U R ^ o p k ) # s U x 2 V ^ * c 3 k

```

```
&1?DssXz784v-hx;
{G%Ld$T Bw\-----7p~wYyu r\c}P X
+HBjw aJ T Hw/ t T T &@m(O h|U. [s C;P $k cm oJo6L
77`z z z777B @ -----+WbdA n$cykz =oA/ m9%=8hziW
o G t q uD ^, i e' /m i
)} $ '0 < |. ' z Z! 1 2 9 # 9R ] c Xt t9: { x = S } %
W)c 0 53f +c 9A( p C b i /B wC 3 /c i K < c 7 a . $
*S~` x & ( P DA C A * a u = X uk u * p lt j ( ; , " n j * 0 W f Z 6 j & < :
k 5 ! 2 { # k L C " 87 t # ty KP ! G " C Q ` @ k y ' 1 A E S ( 1 ( ' P
9 R
9* 3 bJ 8 s ? " Sf PLYi | S xLYi b Sf `LYi 0e] 0 X Cu ) j aJd ` " bFN ` Z# 2 * 0Er
P | l FN 1 U M ^ t M U E /v2 vu ZI & ( z Sf C c ! r fFg ` S $ " n
3n ? SrN; T 5 6y0 g p > 2 F B ny8 1 P $ p | p n < /rr
l Q WU Bk $ [ ri | M \ o / B Dy \wU KB ` Z O5 ' P yV
yb E7 0 ^ t j
( x \ x E < { 7 > o f R J ` L J > h ) ' U vkf:
o L z Q b T k T / + Y } $ ] p 0 8 w : G
endstream endobj 82 0 obj <</Filter/FlateDecode/Length 3893>>stream
H WMs F W QL -6? T Q V j J $ 5 HE | E n e v % f ? u | q
~ * K U N t { 1 L4 v qz & % \ T boymM 6 E 7 F | | eq JO h jt; (
7 * n z K < - n VxE + D ' w h o * YFKf ] uG 5 : | _ ( ; G \ v
1b:16^ D|y v / IY[ o f h h j U 3 & m4 ShD -E o
| \ | ' ? ~ } u | [ P ` T m Q O h 2 h t U I ' Bs6h X w @ t n ~ 1 h D ! C Q
h W | 2 e O @ 7 p J . j ] o J Z3A 2T t MChD ] NH# ~ x%( U = 5 } 9F ) * C
i b y 1 < Ts G DT d $ c BJ 3s = ) ^ D a k YG tvv
's > XZ y & > b1 , 2n [w F { D kh p r : G ] I E ! # _ ) 2 i # { U
8 9 E ^
* g k 6 # e r 3.s _H 3 c a . z U < ~ j b5 2E/ ][ 4 t t E ) 07
, ^ i T Y $ P ! ! D c P + = hyn: 4 } i { R [ 7 & t N s u X,
t < d P pfMx P 8 | N0o 1 O9 w t h > 1 q ^ M < h $ Tn r @ U
? . 8 D ` N: LH > ' z N s s0 Q F j # Y b > F ~ CT 0 lyzJ5 > p $ r
uhV B r- / b x $ 0 } - L . o L * q 9 t U 3 Z F , f g [ ^
3e , P Yk V G 8hpl6' y / ; < ) K n ( lp G t - ; D 3 5 ' { aZh ! -
endstream endobj 84 0 obj <</Filter/FlateDecode/Length 4187>>stream
H W n H ) W 9 ( I Q ` , A2 h @ 7 G \ IVWW Y : j Y e
H | i = MK h w z e | w : u2E H " RTb HV L fi 0 _ << A z } 2
0 MD " dXy " 63 B { ` 4 = b w
/9 Y / R E n Tf
( \ ( A q = 1 & R % 8 u { / B Z P . V # +
% # ? } N * A ] hq K ! % v > 0 Q % F < 5 X v qe > [ * b v d d
fm d n NQ3 0 ; a * z P2 Pc Z g / M + : 2 * ~ < ! [ =
z A % ii QT , K ^ # ^ , < vz7 a + d * ; V Kw ! 6 + ! { N
wWc e e
. q ? e Q R Mse V o n7RS < k [ QLCP ] ` u s < > g R Z W b
, U:6 ^ P7 | < Z y UU : V @ C ; / / c V S T < pq | xhX d ^: [ F j a < k '
8 " T my
f - H K N ' AK v 6 U
r * 0 A i - 6 U 7 ~ 2
E H ) ( mXv { { / Q ^ F d ! 7 } G ~ ` i s w % | W ' $ # b T * d K . k
a { J1D E Qn ° b K } X N3 } G ] B % J k g J Nn 2 & F D v 9 |
d t l # t < T
! BV 4 V h { [ c B
j f ^ 1
"$
N m b1 / / - L TV _ ] 6 4 m SUX p _ # ck J / < ` x ~ a n c AT g T
f J x M _ ] U + Z ' z L ] L r ] D y ] 7 } ' R & o
N x L C * R ' % U5 & \ go, s A ? % b u < O _ B p $ Z
) c Qo Y Q j t + m N t ` J T: Y H " ] L i. ] U

```

```

P+x1+&hD$TQlIfCKJ[YF[D.M]A+H#YaV
\lbQãu|mU @<(V/~C hNpBQ
endstreamendobj86 0 obj<</Filter/FlateDecode/Length 4010>>stream
H WK F Qtl D';{eU}MQ38{G700>v n o m Z6'
&P D!) Z d8 j P B qmm r = k = 0|H k l3@ _ H` a M B; l 3X V
u v & i i <M[h P { _ w Q UOA0J T]{p AF.: L G>"g*r; lz7(
"/Q : S= . 1 y<0a j UC \8 ! ^n S Rt9u< * : P
U o % p d + % % O NZ { = ' u ? 9 Y W j i # 3p ! < ; . ` G
Q3v u # 3W ( % c * O o $ A q ~ V B { 3 M a = 5 ; = ; " L g
" = l { r [ [ Z / H w o n ! )
} M c J l A s ~ F C W e Q z p [ h g ( e g X C j 9 /
^ . { + + < K e d - \ N M L s K d ,
. ^ H Z P R A H " H D 4 O S N U P w | R C L ! ^ p : Y P [ & , 4 ' 2 s %
endstreamendobj89 0 obj<</Filter/FlateDecode/Length 4119>>stream
H W r 8 } W Q h H J R l f + g j 8 R V " 5
e O ~ A J = $ 4 z c z M V z n o m O u ; Y n & t K e e Z F E b E V
^ c U t f | 5 d ? H & L " m Y x ( # ?
S Y / w M l > | x i Q : d j * x 8 v U 2 c 5 { X j K b @ < G u h { O
[ j H d T U Z } N T X x * { W % _ q :
m j A H { k V C [ V R = / S
K ) ^ u C c " P 6 | T 7 t n q K & + t J r > W , 4 = = k !
Y : P Z p l e ` E p 4 N W ( g y j N t 8 a 3 U H K } 4 P + p ) J Q J 8 R Z Q 5 N
[ : r r 9 k + 6 h k 4 O z m x ' c " V G C d U M 1 R } ` i
/m + V U b * d l P * ! 5 H l P X I 6 * U ; u F H J c d
A E W u j v 0 . N @ | V 8 S t \ F n V ' 0 b s
9 P b j k E M v 4 B G 5 ) y v ] _ . h [ S - w } n 7 ] e '
O : % W N ^ 7 v Y * T u v t V ~ | , H D O .
W } s " j L E e d - l ' ^ N [ V J K Y ] T % T E 6 . X c
/b Y ! { 6 # { w U X F 2 Q x n p 4 t Q ' a m F E _ K L Q { 3 Y a
h f 3 W Z ' % D < ^ z D D t 3 3 " c Y c Y m = O ( ? W S I :
v r d N q t K q ] ] c ' É B N h N n 8 t r [ * | j F : d K p 0 d _
X % < 5 / / ` Q y 8 l b ! S > z c 9 | { B @
j - | 5 F p l c b ? F m m e D " + V ~ h
] 1 = q ? q ' b ! \ : { F v k . , U ? n l - [ ' ? o | S b Y S
{ - / - c ^ ; @ @ / S 8 P T ? 3 e , % p H ( 4 $ j U n ( ~ ,
1 ? 2 O W x p / F / ? & q K + % ^ # 2 v > * x C B b Y F < { W | M
Q } O
endstreamendobj91 0 obj<</Filter/FlateDecode/Length 4070>>stream
H W m o 8 _ f D J ( ) | ^ 1 v - n m X i R C l 8 E g f . ^ | y _ < X
A ] < p l - e S q Y x F q b E Y m " s l j } M - E 2 K N f
P @ - - 0 1 2 w G ! # A { R D v # ' & ~ L 6 e R k o L g g q S L m : G
l j v h 9 e A 7 Q [ t ] = ] B u ( +
m = L P P < ' D g i s z / S
g 5 O d k 9 Y E ! C ` o ' a $ S C D M T p ] M 2 [ B
F 5 0 P H _ & a m B { | I C * V s ë k 7 S ' = " 8 E ] t . Q = ~
R A = v ] z 4 [ s Y 8 p J y C [ r x : 9 E e q P ! e E v c h i D S ] 1 2
J m G " ~ $ 9 G Y u e > i ~ K v : Y 5 - f Z B N 7 ( - : + x Y T A o 1 n M
3 X g q V c l Z c ) y B { p n - Q B > > q + 0 Z
{ 2 x X C v X / < 6 s e < ? T " y R i ! v p U H Q d p 9 { < + x z W
0 = 8 g ` o &
l L U k T H a Z & n o 4 q l j $ O L n | B Z w ? = M * d 5 b g F F [ [ o U S
V " r K j | 5 U 8 p 6 \ ` H { g u 7 ; K g 2 l # ] $ l y v I S W
| Z x : 1 1 B k H , a D d w 1 b Y m J d # Q 4 T P X C
2 P m X h _ p m O 7 Z X 2 r 2 h 9 T * 5 6 % , f b A ( U
x ~ w | B 9 t | > i C q J 8 + 8 K - U D s e e R R A s o J c 5 ^ b
! P ] @ 9 [ % N g 7 w Y $ X k k ] V M e
` B s e - q J 1 > x F U I x ( b Q a K \ 5 M J | J P x A =
a f U 7 : > v / 6 u N v v G q
V d - 4 - ! # @ X ; A 4 V > H $ Z i Q M r P 6 K K 8 : ! 3 D E 7 0 ` z Y q K } `

```

endstream■endobj■93 0 obj■<</Filter/FlateDecode/Length 3824>>stream■

■6■■■w■■■g6H■■0A■■■■■■■■K3■■■■■■■■)■■■wO{0-6■■■■■■■■S}((■■■■JW7u%■o■■■k■■■■■■7q■■■
■E■OcH■■■~■■■\■■■■#■■■■iF■o■■■■■■■■l.s■|&Q■)■d■■■0?■B,_■■■6■■■■z9■■■f■■■u=■■■(■G'■3e■■■-
■■■5■■■l■■■■■■■■Åg'8■■■■■■e■[Z9■■■rq■}]■#■■■■■■p■■■■■■?oZ:■■■■■■■■■■■■R■F
■x■Z■■■A■■■(>■■■<■a_■p■■■■2■■■g■■■°■■■?■:■p■■■n■■■■9*GhE6■%■■■=■■■■■■#■■■■■■s■■■4X■bY
■,■■■yJ(Jg■F■■■■■■!■■■■■■■■r;■■■)■t■■■■■■■■■■■■■■mX■%■■■\6■■■■■■■■■■■■3&■Bvn■■!■T]■F■■■
J■■■aUP■n)J■■■■■■(dR9■■■■.■■■<[■n(■■■■■■LE7■■■■■■zg5■■■%/■■■■■■ih,■■■■C■I■■■F■■■■■■N■■■'■=■■■
■■■4r:6■■■p■■■■■■#■■■(■-B■w■J■■■■■■7=■■■y■■■■■■a■■■■■■w■%■■■wm+■■■1■■■SP■■■■■■a■@■■■d■mJ■■■
■N■■■t■■■_■■■~■■■B■■■x■■■~A■■■U■■■yhI■■■L■■■-■■■32■■■F6■■■%&■)■■■■■■■■■■)■v■■■vL■A*■Myy■^■
'■■■Kz■e■■■#H■<(■#■■■c■■■0■■■NzSZ■■■■■■■■■■■■■■X■■■c■■!■■■z■s■%■mj#D■■■s'■■■k■%u■■■GjT■■■
■■■■(■■■J`■o■■■■■■3-■j<■■■>■■■7e■■■oh■■■PpX■■■g■3■■■r■■■3■■■■■■4■■■`\■J■■■e;s■■■7\$■zdly<F■G+■R■■■
■(■■■■6■?■■■p■■■@■Z>QE■■■b5■■■Ct@C■■■n■■■■■■■■^O■■■l`■q■G(■w■P■J■■■■■■■■[l0■■■P■s■■■q■a■■■4
y■M■■■■Kk■;■z■ea■{■■■s■

endstreamendobj95 0 obj<</Filter/FlateDecode/Length 4137>>stream

```
#####3#####=@#####1{#D`zzz#####7###z#Y#####^####J,n###.#####X#3?#T*#####S###0L#8V"###H#|n#####Z#|(|
aQ#xbl#]# ,#Z#)#D#BZ#w###[###`#a#*Q#####<X### U6(EV)### #((##^#u(####F#{*h####T#Fn#J?#9#N{#Y#####5p###
###Qg###;#####K#
##&T#%# #z####,######'p^Hδ###U#p#<####RS#h#####n###bR# #x~#####JN#C####^g###j#~e#y#ql###U
#|#####?#####4&##,#|)#m####=#F#####)###Py0#C@###`#3#+#####}###J#kd###vF###4"#####=######x#"#w+##]
N$_#GZjfB###`####=r#.)#####'F#p7d#####r#&###y:}###"#}W###4S[q#####&g#chl#####d###Cgxak#3#####
#####.O####|w#2###+F#Q#*ESL###v#
```

C?000~U::o<-W\$.IK'iRH7U R2&}}6VbbF
9][jdy][l]l%V^&YL6gg aMqoo^u'P##%;h&c][^

```
H██WK███6███W███($███R███l███m███k███A███K███$*25c███@6)███4███fD███_███}███To███Z███^███6███Z███
███NVcZ███'███(███Y███!███j███j███;███?███i5███a███Q███L███~███Y███xS███_███^███
███L███_+███C███`███e███a███X{A███`███9███e███ko███m███W███<███0-███%███b███L███k███x███Y███q███
@███:███p███{███3███{███n███,&███Zv███w███;███s███<███o███1g███S███@███Jwx███*"███O███W███X███S0███o███=A███?███
███x███g███b███[███0███;███3███G███5███QjU███JT,███%███y███F███^███+███^███Z███]███|███(*███5███Qd███s███x███
███|███5███[███s███JP███
```

J■
 ■R■■■■Z■]k{■■■H■"■■T■■■'■P■(■0■■■■Ip■F■■■N_■■■■K■cx■■■■■■■■%■■■ yB
 ■■■■■nf■k>■F_■tG■■?■■■■■■■■-■7Gjk;Q■YI■■■■■■■■b■ML■Q■■P■F■■GT■■N■y■■■îμ■■■O■\■■■
 ■C■i8~■■■■9■■b8■+■}%bju■='E■
 ■■"8■■■■■■■■:■a■■■■■■O■■■/_■■■■■#V■■■■=■ W■■■■■:W■_■UldØ-■Wr■■z■■■A■■/■z]■■■s■[W■■■"
 ■B{.e/r■■■~%G■■■{

endstream■endobj■99 0 obj■<</Filter/FlateDecode/Length 3664>>stream■

██████████e██████████4lJ██████████OJ██████████h██████████,-██████████J'a██████████&██████████R██████████Y'Nu██████████U<██████████m hk██████████<██████████]b██████████(██████████S5i██████████8W██████████
"s██████████a██████████eZjX██████████k██████████a!0██████████MRdPQ6██████████x██████████9██████████a██████████7██████████mB██████████G|██████████|██████████K██████████h██████████%&?██████████P:@██████████q)██████████|A██████████-q██████████|██████████
██████████"[]{██████████.██████████+██████████kGk\██████████h|5██████████"{}Jf██████████o\$██████████+██████████&██████████+██████████lkp██████████ODbG██████████#██████████V██████████.██████████v"██████████QD[██████████
██████████X██████████&|:██████████&██████████4██████████c0██████████E;B██████████/██████████t6██████████i██████████3██████████>E██████████a██████████j██████████}.AW██████████5██████████S██████████7██████████g██████████VR██████████A~██████████xlx██████████Kw██████████#;spW██████████5██████████~██████████<██████████
5d██████████W██████████6██████████k██████████41██████████W██████████i██████████t██████████+██████████W██████████hP██████████RG██████████{██████████g2z██████████*██████████5F██████████t██████████f0)/S██████████z9f██████████Q██████████kd██████████
██████████=██████████U██████████\$3██████████M██████████aTo

$$\Lambda_{\text{u m n'K}}$$

D8 d m Uj F n y m6 (p > ' d

■■■I■W■■■~■8■■■|:69E■)r■■■H

■wO*■*■B-■F■W■o■#■■■W■■SF■■9■■s/!qkZf■■■v■■b?■#■■^j■fM7S■■■■■:

#####7t#####^=##O_##SChC#####P##-"###E##XW=#####ZR;##L#####T&#####
EJ#####3*7o###+NH##%#####z:#+##y#gf^/ARX#8#####Ne#g#####EY#EL##Z##Q#7IL##2##5##5&(######
endstreamendobj102 0 obj<</Filter/FlateDecode/Length 3455>>stream
H##WKS#####W#H# #/[[[##,##.[QJtr#####4#####D#####~|#####)#####Q##:z#4#|U,##ltS7M
,Q#####V6##Q#####(#####xO7#####
##@#2#####s#####.t##Y3"##.fS##D##K####dA#{B?#8:##C~#####_p##2#####
l##YJ####'Vi#####6#w^d#####<Wu%#####'V[A#6###b##~/##sct####!####7b?##]o##
0#f###DYBr####i#!#9&J##m4###Rn#####l\$##id#a##t#]q4E##~##"M0###2#a#A#}##7##\#####-#####P#
6uf#B#cJ##/#b#A#@#N##c#l5#mE#n##O#####x#@}#####R##1VO.y';##!#####h#|##N#b#####Q##/9U
l##{##Y##.##q#i####HT=#:]#]#6#####H#####|#####HT=V##### @mk5_;;LcG##P###Y#)(#Y#Q#7m
\
##X#8o\$#4####i#####\P#;##?##n####d##D#####v##U#G#L##j#####L#####(`&>#E###8W#C#G&#
####9z##HKU#####_##+>#####.~#####5#5##-#\$##c##p=####{##Δ###&##n#r##[###N##<##
##BB#M##,5n#
#72##c`S#D#####c
##%#=######f######^#####(##h######at#V##W#9#####TE##H#####O###6##Z#n"tDQNz#####D
#####/##G##N##~#####K#>#6N#C#v#####u"###}##~2#;####H#W#9=W#U#####l|#####0(#{T@#####f|#####-C
#####F@#:#t###
#d#####U#}#####8#R#####WB###K,####=/##'xn#E9##*####@#####s##N&(##\$##*jPx####&q#####*r
#####k#####G#####b##
endstreamendobj105 0 obj<</Filter/FlateDecode/Length 3920>>stream
H##W#r####}#W#G##\$#####Y'#+#####\$H#k#####e#}#/3#)#N#D#####>t##\u####7#]W#####
#n^#]#####/##pW#&###)####&#dYa&#####w#####rX####m####fAoo####)##m####_#z#W#####&#|)L
####%?##g#Uo1#o^#~e###c#X;####Mbrn#####Q#####!##`###:#####z:####>##/Q#####C##8##+#####x
#{Z#####/##e#yO#xs#Jf##W##k#xm#####N#####p#v#6#####{r###}#HUF#bh####p#W#####
##%####j####W{x#####g##G#]B#x#V##c#%k####;#0q##k#|J#st####:C+####C####!##@##T#]Kr%#M!#I#+%#t
#####|##i/*#@#####43)###4h#f#H#ug####n##Y#####3##di,K#f=#|#####1#a##J#>xD#####'###L#Xer##%#####7
##^#####o##N#v####LF#e4!#####yuB@4##\$B:##/##6B#!>X#####-#p####d####B####[%]##%#
#iLS#####,p##3##t#####Yd#y##J##@'#n#D9##&#[#R#####Jy!5####/i#a##`##<%#####u
##|U# ##Gz#}o#C##C##=#D#o###{####w##a##Wj####6[q#)
##?#####`###N#m# #>##/##^#E#####OEy#;####Tm##S#<#####wQ#####9M#m####r#Tl#####;###z###Z#
%g####{z#jE#s#####Kk#0#####>##%6#d##J#####z%#B#%i###YoC####h^#i7#####f4##oX##E#n#####
2#####F.###t,##qN#t#/####5#:#A#2#l##F\$#####,[?##0#####e?##o^##AS#####E##o5r=#m#k
#####1#B####S#F#####Nj###)##Sb#####i#v<[T#j###Jz###W##@#]#dcJfVu####h####_#]##?##i-##J#6###R#

endstreamendobj107 0 obj<</Filter/FlateDecode/Length 3449>>stream
H##Wm##6####_####a#X##\$#b#y##=#uS####lQxbg#nbg3Nf###DR##8##^?L#(#####Z##V#y3#||#.#q;#j##
T####>o#Y#/Ce####a#Jl#6A#BmM####bc#xR##|C%##-#k0#O#-##D:t#####-##i#zsQ######u#Zx#####,#j##
##|#####R##)####\$OC#M#V#6p###.#####d##pU#s#T##>##/#####TI5#####:##q#K'#####lOT##\$:E#####
kb#
##8####9#lf#m##
J:}#####O#U1#*#####w#<#####7#{####-##%#########w#h=####mP##[#####r#5#q#####tc#v(@#i#c#
#:#)g)h#Ng##\$#`##3&5#####S####n%#####U#####i#w#=#d#####L#0###}##\$y#####n#b#####G##D
#+###\$#L9#####.##x#&##xF####z####9#
;#w#`#F# ####&####gb"[###4#G#v###5#####
_#h####X#
#tg#Q####g#M}##~u##jm####rE# #g#&#####p"#####V##`##S#|G:#####,(hT'K######
#L#####`0##G##c####L#V#####j7#####v##Z###XA#eQ##0#C##-a#l6#j4#####/##8#T###0###Gh
#####V#####r#{cZ#V#km#####{A1##T#G#H#l#g##W####Y#D#f#]J##:HQ#y##\$#####q#[##WV
g#]t#####-#|#####v#^_####_4###.CQNY#t##?####T####b#@#'#p##@(t##&#h|4##]2#4S##&]##s##3#Xb#
##r####GU;#!.#####y#-####y#7#~P#####U!#+#l2L4#####lI\$#x##T#Z#D#N#M{##0#####A#p#o\$##1####R3r#
##\#[p#####/#^#z##db##K##:^#R#####m# ##w8##o#####wB##}#a#####J##o#9U# ######w(Mk##N#d#
endstreamendobj109 0 obj<</Filter/FlateDecode/Length 3206>>stream
H##W#r#r#F#}#W#G##e#0####8##*KN*v####U#Ur# ##P####e##w#2##r#<#####=#}9#####F#####)####J#V#
#####l#####@##x#####n;_y####Y#X*#####JX'#Dg#####q3)##hjR5####9G;#S##l#####=#v#####->#h
#####?#####a#K##e#^G#####'####F####T;4#3#\$#V# #|QE#####%#A0#D#O#####c^#<#A##H#
#n##3h#8####K!X#####;###\$#1Mei#####\##:##~#####HH##### # ##t##p#####:##5####i#
#&F#bJn#Z"[#####x#####W\##^#b#m#0#r8f####sC;X={##t####k#=#l#Y##2#s###{##Øa#vK##sk0#
o##D#z#t#####G#]#!%#-ø####%#4#y#t^#n%#q#%#####y#####&C####|3#####|#####

```

(D3mmy)-ZRmAy`FmXnU#{s/qNMp[C;PL
jVY'N'
i?@}Znr\MuQ)R8jG"::^r(P?&i'[qImQI-
endstreamendobj111 0 obj<</Filter/FlateDecode/Length 3289>>stream
HWRrF}WJ;e{nn<@"%1hh~27-}>s>}[_/oVK
G#8cGoMfxx[T+VIV,Y51l~MthhJ]"8[W#;!O9qq7*
vvOV|p,ddz"ppz'gtC2Knñ;J}F)WJE|c|bp
"E1<5x-T.)LVo9\T`qrt|x:nnb`w~&yw
LrBlyF_rS2.<F:F@|><s)p07,d$*#6ssstss
D!@HO"/S%8tt<i:N:sp8P~OgP8Pff
oiidWDD5R<=@-xii}D#rH_Dv|x}gr|e|k}ff?
2:q|a|Clpp\ssDVGDDZk\HQ{.=dMD06F
TGU
wP|e
?<"N0Q7&A< >uuJlDxD0tD(:`7hCkDvG
l<9wkkYj
UJW(qbT3las|h}|3=PX'ZQ7p
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uurr(~~UVj!qjPj|c<G/hN"Mh:|@Sf)4:K(|<p%El
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HWKo8W-h-bfI=Yw]pA[|:rzz,|N9D)VXp6j~uurrjqsk
2,vH,=[E=NC|L/J=[{|g0XO(k3.2LzG-l(|x{z|gl
N{|'eH½ss|a|sD|Y+VA|Ba|Jc|IF|r$e'|ct|dRJ|d|R|q?e|Ck
K${|d6|h!F
5
M(gkk&tF"yAAAAm?pp6n*@6W@K.H.%jEmY]
ZvJ%)/./3{xhN@C8!u3&G(hi{|:q=p$F<A|V~A>g
}o&ss|H#K#5~z13@N|GaM49st,flsA|r-)|.lb
W0{|TZ3H|IRke|a~|k)&P};DC==W#7|IM8S<|||YX|Ee
m\7vp?X4v|d|c|tG|O-G.g#(|i|fO|O|b13)|_r1!|M=y
MA||.dh<u9b+|A|w|eG1<#;f|B|BsJ'Zz6|k:(
<@Lh[|zj}|X
+|[GJ|^y3)|Yj|'o|N@/#P|S|eSB|%3<|B@|YB.f|G|p)|r|"
]|@<.'g3|/t1"||~nl|Q|u|q|qBx|=H|=|q|VVE-
3|S(|k|q|U|S7o|:e|U6v|a
D@|q|&|ò|twy|Q|^=|/v|SX'|05|U|c|2g|$J'|vn|[F|m|bn'|C
5*m-R,|N|||l|t|iA|G|x|L9~|Tf|P|M1;|*vf{|D|R|n|}|c<
,|M|n|}|(Z_|#*ZTDD?3m1|@|/8T|T|j?|M=|`t|j
,|e|QB|CsT|m|h
T
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W_|c|(|T|B;|j8hj%U|paXq|P6$K'4{0<?|L#0PD|$|1uu5|r9#
|!o1!|k|}5A|\~|V|_(#O'|'*-e|f|C|W|X|w|&ku|!L.t|C|N|X
N|S|wR|02e|^q|_M3"||l.u|)00&|XI|IPZ4_|^:7|<
ex|TS+|!|b|]
,J|Vf?|U7|U.|n|Mb|g5|O9|c=i|M|'f|B|tg|\|;#
PG|j|@|q|l|{J|$|io|x|7?|Gn|P)|_|uTY|Qg1rEl|3T|!3|æG|16?RF|+
d|N&3y|z|L|f|cJM|}|+?^W|136>9|+|+|f|}|>4F'|5291|G
|x|q|n,|vU<731F|j>\5|!|v|U'f|E|O|"Z|dE|p|o|M|?|P|
|j|<|g|P|B|^|y|qX|&q|uW|<|N|*ez|K*ft|a
endstreamendobj118 0 obj<</Filter/FlateDecode/Length 3979>>stream
H[W[|~|+|N$-
Z|v|g|"&=|α3_|$|t|0(|#J|x1|r|*|r/|^_|_]t|LD|l|4|x
X|W*|c|_|s|X|J|B|q$.>|'8|}
<w|O[|!H
>7|H|R|v|k|V|:7|E1|:b|V|G|V|-2|zP|L|[
a|lf|Z|/|:|M|)|C|l|'6|d|$C|5|/|@|m|-7^Gx|O7|CQ|/|l|u|5+<h|B|

```

e"K3Wi{dbjI^z8\$M-EQe!Rqpa_g_o>;=bn?8Gx_lj
.\$mGkv3b'v?OZbE_4QWATD4j"b2<:0>^7i
'EMfT3yCmEE2K:W0h]P"4dWuWG7`06:a: @
8
x,Y_QJv=s_cjz_y Ule7Ek\Sa"4KrXz\$mq{;oQr"*6+mi
M-TC@NTTR_F%_%qH&E~!YX
hy"o;W0l\$4M7L\$b\$pk_kx_p[&x){t @ "Kq p^6<h6
Auw%SO{;λfpE|l|e0m_o;A4Wz_Z[@&5}F_g%]&R
H!_ _ ~0o_kJDD\$[u_n] q_d:EB_kQ+|l2Dp|MÔ;
y;Vwws_byl,*'Oj<ywnflp2US+g5Nw
2H
:uW9Jee 8tG],Jw
65W2MDp_xs[^<|00s^>?O
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-R(XX[í]f/TLz_pZ)+Xk%wGHtpGKjg76("Hff-aC
0)192S g2APqM)q
C;Vmf~wtC: b>t23;x}aE#(O|a_pB>N =Lu
Rø3LWU b~ =E#W#]"F e'8x_xz|U sX# aqg6"uL
Q_ ;G *XPx]())<"9UVvj9&*|l`+ @D19z_z9=5 _
\$422|22Tpv f
hαAY<l((p/SIChcrHoMJCsDtm9)b_zp78
`R1Kmcwln~mQ= :y3rv? 4]j&-
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}q c}b1, V,("uHEI^~o7G*Prz} >YND8> :+
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znn{t,DRIV!&e>}gT6UvT% %j>d eKe
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b!N+R_ *;2k<ZEEpCNa18f_bmf32;D)!#!
:4B"U":vDNNKcMb!R|lv_xVT+vo||s'9R1u@#
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bJgV3\$[51r0"nM`v*`e)%? :r5l8#f_xY)GfW'ndg[
T!FnDZ10fC>7-kN#9]O[Kx,d3yUN7-EbVj@*
) :U%(fj2)k_]I|g^zOii f&P?&}o_u.q p(bL_oxE
yowQ+!.7oa~# # {?n>yGM J¼;yuT%F
/qvv/!Fss!lT Y)ff-OKa'Y{6'p_w)b7h
xwtmD?xi_tY6Q?&5iBl-Z6b_Ht_d{[l]V+Mk
;C,TxGaS(^
endstreamendobj124 0 obj<</Filter/FlateDecode/Length 3719>>stream
H[WmoH_ "5z p m~ -9-y]9i_fDq{q\$CrH>'Wv.V-z5j_bu_p;r
]q n]@56C` }]n o @ (#M43: `E p5
| +\h =+ ^qj"* e % { [j6a's'sc&`nl' <bo(G
(vV)Y @. [cM
r..J)BN/ U - | bM k U+^J 6V > nf h c B
a p H B']if 4\$ \$ sU IR dF \$ e D lp ?o JD |m9 Q - -]{Z`q^yx<
C2QMEyBz.: Hh) Z y p ' , T H ,M8% g? ~ D~E gN
Yv) |] : a^u \ : e KuJ _ s 9 ' 3 A !5 y q N x 2
 qU 5 \$ t 70 [W &) ~ } c Yr1e y 8Ca K | X 0 X ? u qW 8 W
* & 1 w] a ? a t 4Xo U e > \$ | : a , C5Z [: h > % 0 ! z
y T v7K b 7O C +w 6u @ = i = K i _ " d > < d r 3
Y- @ D @ ! b j i a g k . x

#####c#####)P#####KLW#{#####xG_#j#m#####i#u#####Pt#####R###A#####k####?#####j###o###@##^Š?
#n`O:###=#####t7#B#####g#e#####"###3&m]>#B.#####T###3#}#####P#3#'#'##f#&E#s#####G#pH'#####
(j[#####ud#####5#####[]}#####*###U-#[ÉKD###
#j#.#.##M#Nu#####g#####.##,##}###:###,###{4#\###z#####(##ar#####pl#G#a#(c!##d~#####?:#####8###
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#####e#####T#####8#g#####*3#U#j}
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###uP###Z#NOt###2#####?#*#U#FgSp#jt2#Z#####rTiH7#{#/GW#P#####@#####Ψ#####£#=#;#h#k[EG#####
n#%#y#####%#####f&#####Vj.#%A###x#5#####5#####i-###k#####7#####Bs#####*Me###@#####
&#####*)\###}m#####e#####q#o#####7#B#########3#Jk#####a###c#####NY###-p#####8#Mr#####H###
#\$###h########|C#####x#x###|####.####@#|CM###y#####|#####?###Vqp#####k###N#####yy###
###+###r#gY###=#####~#
#.####t#####3###/9?#####P3D)J#####rG0###Z#:4###C#8###8EQ?#U#####\$#S#a8#####0#####Z#####x#####
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#####Slr#boQ#*W#t#####y#####HB#HE#####Kc#(##,#####MG#p#X#####G#u#<;#M#2###9o#JZ#####
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#8|(G#####@K###|y#
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#_#####r#k#####o#####y}###(4#n#####y#####g|#####y###V{# #####F#####n#t#.#.#####x####[#####
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.###~#####S4#####m#####A#5u#K#####g#####ka#r#####c*9#0#####5W#g#####B#l#y#<#s#####9#8k#(#####m#a#####
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```

-;@;HbL-
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4.O?##J######K<#\\#/#m#####nZ#####X>#####7&1_#####a#%#8~#####0#####&^b#"a#"#####/ED#
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###7#X###^####y#x#[####7###u#^#H###{OF#
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V#####5#`#####4%u+#####=#u#J#Y#####Q#####$###XF#\\r#####.#####Z##
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v#####_#mB##_### "#####l#4#####ZyQ##G###;8 ###i#####|# #####?#;##G#5###{###O###u.###L
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#6#####!2#####|#####c#~#####.####|###ga#Z###QX``#(####F);#(d#mU#WD#L###L#####0! #####.##-Z###We###LL
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#ydl#####8###vR#/#;#|#####Å#####GQ#####{Qk###T$#U#####1###$#t###J#'}#]#jYc~f#S###+X####
#####`#####2#####ve###>#####y###*i#####N###B#lg[[f#####g####4#Q#<#;4#sb.#%###f###e#####r###H?'i'l)
#Xz#-e###-R#2o+!#l###-eh/#Bi")#####M#wdø=S#y#%p#t#PY#####@#####G###q#[:#####m4####
#####i#####L#####0###6(#####%#P##@#A#*####4#y#}#####|#Hi#)####V#fV#!#H.Rt*X#,#_n#####
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###?A#t#####+##/######Y<#####GJg#####r#####V#`####;#j#o#####x####Cw:##########
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x####6###"Qb#j###R6<#####|##*#####L++Yz#-#####:Y#F###|2#####W(M$#####|G6###3e###]###|###J###`
S###'+L###|###>#####E#####x#####V#####_n/#^#####m###r###h###;# @#####^#r###6###/#?>#####}oTt#####
#####4v#_#g#####<###<#####P###-K###z#####V###C#####g$#####b4++#i#4_####5###
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-s+3Y6a-Sq2k@?j"l8{ll;E<9$SO7hS]B
*efOw_@_a_Y#:#L>c~GX0xV%[A\;;r
a::2*ZoodAK+;;Z=4mw?KVV(Kd:s
w}<f|39_{Jl!#W{K"(bt5(Q6PEy3XA^o
}rr7S**
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cH4+Snnmd/2=!//Nrr%8Il25uu3)\k'ffeg'bAfFn
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\vj5j]n~qhZeZi?wwShX8:GDfEW{1zz<AL!!tP/[x"/3ZjeS'S#Ow>|d[FXZEtfow;?~z~/8ha2/t~#AWjCOt,q$nnB8}_/_/VX$P
G$"8888YA:~*.Σ+"1^HB0A,D@@0C0?a;b;a
ySA-*Di7"T&^G)AA*FCJ4SwJ6:J8ttN/A't
a0OG*( ((
tt.JDmQGDD}(X4ME3\--EVWjjKK{=2ooyyyy9<y
y"^AQJx%RAiWW++*xJ'eWWfXXw;ttfgvWjy:^}Wwk:
9;4]**8{ }i q N s ttN, _K G d $ 2#"s9,"r"r#sy_k
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7 1F & 3 L -dW [- - E \ - / < . U ' v uR L
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{P6[M'y:ii%==omp?NT'=r-F.T|T H4B"^E1j]PQxYCYC\$
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&3w4<b|l.Z.u75nfiiS))YwWhSfy.2fcb>
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Zd;:amnnqzoo/ ^9Pz|DTooYjL5l44ΦXdd\$Tr
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9vGs {v}π o _<d8y o 9Yi g d'uj; ,\0k | G Ek)
K O p\$8 ;;;js H 908 :O q02 S qK %Q TJ Q1Pd4 % GO
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#-###j#####\#g#####YK#q9Sh#M#g|x>#####:###=#o n##M#r###sHF,#,3k(K#####Q#####$c#-#2#^#####
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H#\#####0#####y###C#Z#B#-x#####:v#5J####~g2#####B2xL###8###u###Y###m#N#####x###F#####1#####
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#####rv#x#{#x#{#x#{#####P#####2##^#~###;G###O###;#Y|#q#5e#~####6#B#
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#x#BL#####;#lcYCH#|#####q####?###3###E###M###cx#-#P###nBo<###q###O#J#####<a#3###c#Fc.#2=#####e
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#####|###x#Z#|#####4#|#####2###L#/#t###?#2#####;###q#####/###0#&###M###y###o#e/#`#Ka###S#
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###jL,###a#@###-#7#####P#T###R#
###<###9#####<#####r####.#1#####(/#f#####r#Hv###M###E[###h#6L0# #f0|#q#bD###;###y4###b#
#H#i#_###1#r4J#####J#L|#Y#u,i#?X#HV#####nNV#####r]###c#!h###>|_#|S,##U#sy#4B#####59#####ZG#mqv#
.#B#####WYm#####<#####!#Y###*|D#p#g|1_###iC###'#####Q#C#u#####{=#W#####S#
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H#\###j#0####~
###Cq###v#####1###X###p|%3,##Q#C#~###:#####?#[###>###2#7#####C #8###B#c u6####{Wn7#####:g#Z###k###"I#
endstream#endobj#137 0 obj#<</Filter/FlateDecode/Length 29480/Length1 84972>>stream#
H###yPTG#####fPqPc#1.###<###D@###B#B@4#"#1###b###+###[e#x#####]7YMt####`#"###E###
#^|#M#EXK#.#./H~:###2#####:###b###0#N#4h#####:###-Eh #####m#####@QJp###f###E#q###=#/#####%OK#
#####
#####BP#{#gZ#X#C^x##### $####@#Q#:P't#####p###L###PghdB#J@WJD$%####%#####;M#k#####)}(##)#o#L#
0###1###c#-#0Z@#1####@#H#D#)###)###h###R9Ri####&#-H###\#####E###M#.#Nb###B#####\######sXB#P#R#
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_#####)D#t###7#####b ###BeU###P;#j###X###:.#.#####C#####r###z#####z_#ZU#&#L}#####j#####
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T#####&#b5E#####j*Ue#\#R#####5O#W###b#D-S###J#Z#U###F#l#mQ#####y#a3|###x#|^d#l1#6y#`#####V#####
f#R###K'###X$###1D#####8#&###p#+F####r###1^#####2Yf###-S#X###r###2Wf###"U###L1A###l"Y###b###)D###$
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M###4#Q#j)##2#A#t#f#-#E#i6####.#{4####<z@###!-#G#####zB###)-#g#####2z#R#'###>#####i###V#####^
###^#W###$o#W###q#7#f#####&#d#,#o###o#7#W###L5###t3Ô#2Sn###G#y#b#g###Q6###m#[#V###m#####m#
bC#)#]#####|#-#]#####8#F###A#N#w#####yf&q4###&s#X/?###B###3#d###k#y&#####)6###9aN#####9kI###h#####{
#####+#####V(#V#####n#####$#N###tG#l'#k###St###t/#####tO###_X#####_#/#b,###
#B#,,###N#
```

■;■■■a■■■■■IX■■`■■■■p■>■■■&■■■■p■6■■■■■■v■■■eG■1v■.■■■■■■b■■■■■■<■K■)■■■i■-■*■\■■■qM■■■5h3
■A,■AC■-■@/■■■■/dC■■~0■■■B■\$XS ■Reoh'■■■■■;`■■■U■v5■■■jii■{e6■K■*■■■■<*■e■<&K■W■■■■■■8■■■t■+
g■■■■Y■■■q■:■■■g■■■sg■W■■■c■■■■■■wgv■■■■■■n-■■■CN■■■4°■■■l■■■■■■v6■■■N'■■■ZA-■■■BK■■■0
5iA■■"6■■■■■■■■■■■■=■w■■■■■_+O■■■■■■c■■■&v1/■■■_x■{■■■■ye"■(■<■■■V■■■[■■■,%■■■D■■■St%■■■
)■■■{a■rf■Y■■■z■)x■■■=■■■~8■■■g■■■^d■9■1\$+■■■■■■<■■■■7■"■■■~■;■■■■■#p■■■■4■s■■■^?■p■■■■■■x■■■
■Ûp■N■[■■■■■■■■-^C■7■■■Sh■6■E■~■■■■■■\{■Gx■}O■iR■■■■■■A■G■■■■■■u■G■■■cg■■■3■c7■■■9nvb■w"■Lb
+■■■■v■a■■■■a■`■#N-^t■`q■■■■■■=■■■\■■■■■+<6■:■■■m■;■■■]=;X=fq■mX■Y■■■}■■■3_■■■a■■■P>■■■C■V■■=■
-■=■■■*7■`1MoV■■■g■■■&■niAF■n9■]■■■%■■■E■■■■■■+■■■U■*■ZZ;■3■■■b1■n■■■■■■p■N8k■SS■■■>a■"■■■24■■■J■■■
■■■\■■■X>S3■Mf■e'q■`■■■{■■■FXg■■■■C■■!■■\&c■■■5■?Z■■■>■■■■■■H■j■■■d■p■■■■■■A■■■■2■■■Fk■A■
<{"■■■hL■■■■F■■■■fc■@■■■1S■Qg■■■a■
■e■T&■H■P(■■■■0@■■■9■■■n■■■+■b■Z■■■■e1■1■■■9■>HRI■■■■■]mc■■■kv\$-■■■\0■■■P■■■*h3SD■■■E■Z(■
■■■_■■■m■■■7■6v■■■o■■■■■■w■■■■■■5>■■■Dr| ■2■■■■R■■■|■■■b■X■0■T■■■m!■■■■■■m^■■■+■d■■■o6■■■+■■■v■■■■■■?
j■■■■Vi■■■1J■(■■■m■■■■■■)■(■■■■■■=■■■N■■■|O■s■■■ul■}■■■`■■■eG■■■■■■s■g?■■■]■■■?<3q|■■■Q■■■■&■■■{■■■■
a%■■■]■■■O■#■■■fV■■■.■■■X■#■■■d■■■f■■■l■■■c■z■■■i^■JV■■■■■■f\$>■8■■■F■■■V■■■V■#■■■F■h■8■zh■■■M■■■■■■n■■■R■■■
QGx■e■<■■■g■■■/8tg■s■■■■■■]■■■r[■■■i■■■A■■■x■■■■■■■■R■xTh■H■■■■■■}■R■k■■■■M■■■TR■')?■c8■■■\$r■■■■
■'■v■v■■■P■■■■■■{■■■2■■■l■■■}■/■-■■■■Q?■■■_~lx■■■_■■■6;9■■■[■■■■6■&ON}■■■d■■■\FT■■■?■,z■■■6■■■
■■■■■■■■■■M■"■■■5q■■■N1■■■■■■■■■■■■;{■■■/rZ■■■■V■■■S■_■■■4h■6■■■t■■■^7■t■■■t■■■O■■■■■■n■■■
■■■■■■■■■■!v{■■■&m■■■]■■■■■■[■.■r■■■■■■X■■■+■■■u■■■Gw■■■■■■dH■■■O8N■,H■*Lk■■■W■■■f■*o■■■
■b■■■kp`■'■>A■7■■■31a■■■#■■■w■■■U■■■■■■i■[J■■■&■r7D■■■7■■■/■-■■■1■■■&■B■■■■■■-■■■%■"■■■3■`■■■■■■%
Y■#f■■■d■■■@G■C5)■■■"■■■■■■#h■■■■■■=D■B■■■■■■>■■■X■■■%"■■■d■■■■■■buc■■■OO?■■■%<.DMm■■■j■6-■_lri■■■/
■■■■■■4u■■■J■■■an■■■■■■#OH■■■\$■■■:■■■■■■A■mPZ
■■■■■■■■■■■■:
■)■■■2u■4■f■u■&■■■■■■,■(■■■■■■&zn■■■■■■=■■■■h`=*[■■■j■■■M■x■K0■■■7TT`■■■)U■■■c■3■■■]\$■+
■■■?\$\$\$■F■k■■■T■■■■■■■■<Y"■■■-■Pl6■w■■■g■}■7■■■■■■`■~HB■G4■■■8_■■■0.■■■W■■■+■■■■■■y<a■\})<^W■w■■■
c■■■U■■■Y3p■■■c?■U■■■■■■±■■■8■■■E■■■■■■■■e■
rl■+■■■=■■■■s■■■b■■■Xvr[■■■/■5;■■■■■■x■T■■■S?-K,'b■■■■■■M■■■■■■■■P(Oq■P■■■<■■■■■■"G4■xm
^■■■■■■■■■■d■■■B■Z■■■■■■"■■■4■■■siF■■■W■■■S■"L■B|■■■[■■■■■■Vl■■■S■■■■■■&eC]Ñ■■■■■■■■q■Eg■■■■
■5■■■n■■■r■■■Y■`■s■\■■■_■■■o■■■■■■q■■■<■■■e■■■|■■■■■■[■■■■■■Yv■■■G■j■■■■■■■■:■+A■`■+J■■■■■■]■■■
(6bsaOC■■■<■:■■■■■■X(■■■G:■■■■/■w>■0■■■e#■■■'p■■■(■l■"■Y■4[■Ct#■■■:■■■!■■■@-'■■■'■■■D[■v■■■Av"
■■■H/■■■h■0w■■■■■■■■■■?■]T-<■■■<■■■\■■■2rkF■■■+U■n■■■]■■■G8=*■■■■■■5rCFK■■■H■N■■■r■■■@^■■■?■■■?
■1■■■■■■D■j■■■■■■t%■■■■■■o■■■■■■(■■■6.■)a■w8■N■Plky{■■■■■■T■■■5■O/■■■c■'■■■■cE}W■#■■■
o■■■■■■■■y■■■3g■b■■■y■■■Aa■■■|■z■■■■■■iR■■■&■f■Lmc■■■■■■Q■0yA■■■o■■■8■)■■■a■■■y■■■:S(■
■■■6■■■\■■■%G■■■S■■■>■■■■z■■■h■■■f(■\■'■■■8nk?■+■■■■■■{■NF■■■■■■1■z)H_G,■■■|■r■9■_■■■■■■@■■■■
TcN■4■W■■■■■■g■M■■■~■■■mv=■■■j■o■■■ã■+n■■■}_W1_h_■■■?■■■`■■■■■■-H■■■■■■e■■■>|■■■>5j{i■■■@■x[d
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}*■■■b■■■O1■8■■■z■■■■■■■■■■■■EIS■C■]■)a■■■(■W#■■■Z■■■■c■X■■■+■■■z■■■&■g■■■@■{■■■■■■k■■■p■■■
■■■■■■9■■■o■L■■■■■■■■■■■■"■■■■■■i■■■■■■q■■■k■■■■■■■■j(■■■■■■\$5■>■A■■■ih■³■■■Yd|F■\$■■■e■■■*■■■Z■■■
M■1g~■■■X■■■■K■■■,r■■■h■"/.■■■■■■=h■■■*■■■=B■■■h■■■|3■■■H6w7rG■■■p■l■■■Y■■■!■~<b■Cr■Q/k6|■■■l■■■
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i T 8 : 6 (M m 8 O N ' \ o \ 7 r g + u ~
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4 x y , x / e v p ^ G) A C K e R ? q * T H ' N Q 1 3
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■FBE■■■■■RP*b1@■"■■■■■f■■■c■W■■■■■■■V'&O■■■■■X■■■■■+]■rrw■■■D■p■S■■■■■D■■■Eb■■■■:■Eh■■■8)
z■#n■~■■■■■h■■■■■■■a[■■■!■■■■■■■0■DA■L■■■■■(CE■F■(■■■■.■■■■■■■"kv■w■v■w■■■o■■■■■qn■■■
V■■■A■■■Er■rH■■■■■■■G54e■■■A■=@■■■P■■■Z■g■■■"■■■4■I-■j■D■%■■■N■qp@■■■■■■■yf■■■■■g■3U■■■
■9■3Fa■■■j■■■|■■■)■■■X@■}J■■■C■■■x'w■8■u■k■"[■x■■■H■"+GH2■■■FHD■■■5BR■7■■■■■■■=J■#■LJj■V■>Sm■]■!
B■K■■■Y-F■■■6■d■]■■■■■b■W■Q2■g■L■h■`■L■hq■7\$■■■■■■■|■kl■■■■■■■zwgf■3■■■■■■■9■w■■■■■■■{■■■■■■■
■r#■■■■■4n■J■4M■+■■■4■\$n■■■6■E■\$■R\$■■■■■B■■■&j■\■Z■■■■■N■■■j■sgg■Z■=■s~■B■4■c■■■e_■■■■■r■■■■■
V■+■■■■■%■dK"■_■■■■■Z■■■E*■d■■■2■■■■■*Cj■#■r■J■■■■■ea&P■■■f■■■N■f■■■%■(*■jB`1Mu■■■■■s■Lin■■■■■
■■■■■m]A■n■■■■■8■■■X■■■n■■■6SU■■■V■■■V3GQ■■■-■/!■_■C"Z■e■■■■■■■)'>■■■O■■■p■■■N■■■j@■■■E■■■+M■■■
■■■■■■■8?■p■P*■■■■■■■A■■■w■■■d@■■■&■f&■Ab■■■■■,■■■5■:■TS*U.U■■■m■■■*7■■■■■■■]■■■■■[■^■■■■■■■
K■P■K■|■■■■■■■y■j■■■:■8;■C■■■%■')■■■h#■x■■■■■■■g■■■~■■■1■■■■■]Ap■_z■■■C■■■.%1■■■k■|■■■N■■■
%■w■■■■■t|■■■n■{My■■■■■?■b■■■,-■■■pt■■■■■■■Q■2■d■■■}t■■■?■e■■■■■C■■■■d■ili■■■■■■■0y\$■g■■■/■■■v■■■
■■■■■*■■■x|■x■k■■■k■■■■■■■R■■■,■■■■■■■AM■■■+■■■W■■■■■q■■■■■T■■■R/■A■(■■■\$)■■■{A■■■■■■■1eA■■■
■e■■■■■■■[■■■R■■■■■■■<■■■a\c■■■d■■■B■■■)p■■■R5f■■■d|■■■■■Y■■■Y■■■26+■■■C■■■
NV■■■Aq■■■\$■Xh■■■■■=■■■■■s■■■3C■■■t■F■■■■■■■Y■■■C■■■f■■■■■■■Qy■n)■av■■■_<|■■■}■9■■■■■■■
^|■■■3%■■■9■■■.CU78z■■■■■t■■■t■■■{r■t■■■>■■■o■■■_■■■R%dp■■■■■■■/■/■5a■b■?■n'■■■qq■k■■■K■■■374■■■
■■■KB■■■[3■\■■■■■■■Mr■■■■■+■#E■&s■■■C■jvk■5■■■]■■■e■■■n■Kq■0■■■■■■■2■■■2;U~"■■■7■k6■■■S[■■■/■d?■"■^■t■
a■
■■■J■■■A■
■■■U■■■■■■■fW*(■H9■`■■■7^■■■<■@■■■■■■■0~■■■■■■■E■■■X■~U■Rj■■■■■■■"■■■■■■■0■■■■■■■
■■■■■■■f■■■O■^■■■■■■■Hd■■■|■U)■■■;■■■#■■■■■■■e■Jy■■■■■■■3■■■■■■■5■■■■■■■J■C■■■]■■■g■u■{■■■K■■■
m■■■k■■■dF■■■cS■Z■■■)■nZ■■■'■^■■■m■■■&■\■■■■■■■1■■■=8BRN■■■■■■■"■gr■iq■■■#J■\■■■■■■■B■■■w■■■
■Q■E■■■■■■■>GC)■■■<■■■y1■■■■■Kå■/h■■■0■5■k■■■■;v■t■■■ON!■■■■■■■h■■■'■■■.Xi■5Q■+■■■9■■■■■#■■■Bs9■|■■■
■■■s■■■■■■■vy■■■■■■■xIR■■■■■■■4■■■■■■■(a■Dc■■■@■■■s■y.■1■■■U■■■■S■[■|■■■■■■■qt■■■■■■■&RA■■■■■■■
■■■■■■■t■|3>■■■q■■■)■■■\$|■■■■■■■&B3!■■■■■■■!■■■■■■■uB■■■■■■■B■■■■■■■)■■■■■■■
■■■eJ■■■T■■■T1■■■|T■■■■■■■k)■#aE!K■\$■MAUC■■■(i~h■8■■■F1■!■O■■■■■■■P9v■(■,■W■■■K■#■■■7■3B1/■.■■■■■■■(■■■
■■■p'■A■■■■■■■x■■■#■LY-kG)■t■t■■■LxF)■■■e■e.■_■■■■■■■■■Vyf{d■d:5M*■■■■■■■&■■■+w■■■_■■■
d■■■|'■|■T■■■■■■■A■a■■■k■x■8oT■■■■■■■c■■■■■■■q■u■■■:■■■c■-■■■■■■■\$■Gzb\$[F■■■Ee4■f■yTEwP■v0■■■M■■■
■m■ojrW■45■<YZ■■■gY■Zm■3■■■■■■■{■/■u■e■T■r■■■■■■■d■B■■■1P■F■■■\$@]/E■■■;■^=(2■o■■■yUV■56■'■■■
]■■■H■■■■■■■]■■■D■#■■■.■■■■■■■Zz*B■P■■■f\$■C&ls|■■■eAT■m■■■■■■■6■<U■■■<■■■G`■■■""■■■■■■■]■■■3zJ■■■■■■■
G%■f■■■%■■■■■■■;Z■■■oq■■■■■■■N.X■riU■■■H'S*-■k■■■+■■■^■■■^■■■P■[■■■■■■■4■■■4W■■■U[p■■■[i■■■f■■■
■■■Dh■■■■■■■rNaS■■■(■■■■■■■0■■■■■■■c■8■■■■■■■w■?r■;■■■G■■■'■■■■■■■8■j■■■HV■■■■■■■T■*e"■J■U■■■F■J[■■■
■X■■■fb■B■■■=■9■■■■■■■}■{■■■<■■■u■=■=-■■■■■■■g■R■d■|■■■v■■■W6■■■■■■■wM,ab■■■k■■■■■■■qQ■■■s■■■
p■h■■■■■■■C■■■■■■■O■■■2O■qx■A■a■■■■■■■r■&■M■i■■■■■■■x■■■v■■■5&■W%■■■L■■■■ti@■■■\$Ka■■■)Q■Wb■■■■■■■
Q)■nR■■■0■v■■■f7■c■h3■Xh~■v■■■■■■■N■■■|■w■!UdH-■■■0"■\■■■<r|■■■d■}■■■■■■■7^zo■■■■■■■Y■■■■■■■<■m■■■■■■■
■■■■■■■ey■Nz■■■■■■■#■■■e■■■e■■■1■■■P■■■Y■■■/■fj■0■0r■■■■■■■(6~■■■\$)■z■■■■■■■p■■■6■■■g■3■■■■■■■
■5■■■■■■■SzHN■■■|■O5"■■■J■t■■■■■■■C■■■■■■■r(■■■■■■■|■■■@■■■nm■■■■■■■Bq■7|■■■k*N■■■■■■■R■■■■■■■'■■■UE■■■
■M■,_■MY■■■■■■■HI9y■■■\■■■"■c■■■■■■■T■(r5■■■/Un-■XL`■vU■■■
■■■■■■■
o■■■■■■■H)j■■■■■■■@■■■■■■■c■■■■■■■]■■■■■■■@■?■■■■■■■4■)■■■;■}a■■■■■■■d■9■ ■■■■■■
■■■■■■■~■■■Dvu■■■tg!■s■0p■■■S6@■■■;@■■■w■■■6o>@■f■■■\■■■■■■■^~■x■J■■■IP■nm■■■G■■■i■■■8■■■Y■■■
■;■h?■9F■■■1■`T■w■Z■■■W■■■|■■■■■■■?■■■■■■■4z■q■N■4■■■■■■■I|■■■■■■■8m■O■■■
■■■u■■■p[■w■6■vZC■■■Ao■t■c:■■■n■■■6*M;■■■X■■■■■■■Uh■■■,■■■■■■■mB;■■■■■■■v■■■}■■■V■■■c;■■■>■■■!■■■
■■■U%■■■C■|)■■■p-W■DJ■■■,■■■GO■■■zV■■■6■■■■■■■g|x■■■d{N■■■■■■■d■■■"■A■Y■■■|■■■■■■■|■■■■■■■s■E■■■
■f;■m■:■#■■■■■■■_■#■■■■■■■r■@7■■■■■■■*1■■■(f■■■M)J■■■!■■■■■■■>■■■3■~■■■?■M'■■■+■G■i■■■f.w■g\$69■■■-■■■
Q■■■1■■■nE\$■■■*■Q■|■■■`<■■■■■■■;■■■(■3■■■■■■■@■■■]■■■4■■■■■■■P(■■■M■■■+■■■&'■■■■■■■p■■■■■■■?■■■■■■■U■■■
_Q+t■■■■■■■&■■■op■■■s■■■9■B■]■■■■■■■pB<■■■"■■■y■■■a|)■■■}■■■■■■■}5■&■■■V■■■■■■■/■■■}9:■#h|■■■
■T■J■A■■■A■■■3-■■■■■■■J■■■■■■■!■■■YLJf■h■■■■■■■!G■■■:■!ZS■MG■=■■■4JSC■m■<+■■■[■■■H■■■u■■■
■)P■■■8I■■■1■■■
■A■■■z■!■■■■■■■9a■■■■■■■@■A)■P■■■■■■■\$■k■■■@■■■;3+■2ZB■■■■■■■|■7■■■v■■■6■w9E}■■■■■■■n■b■■■
i■■■,9■■■%■■■■■■■7■L■|■i■^■■■s■q.2■■■a■vC■■■fl■S■W■■■■■■■u■■■d■■■+;■■■■■■■"Y■■■w■■■
~9■xXm■&■■■■■■■#■■■T■!■Ma■■■tG■■■■■■■|■■■■■■■r■■■■■■■;sC■Y'■c■■■|:■S■F44■'■■■■■■■r0■■■
■■■3■■■6■■■\$i■■■■■■■%■J■V■■■zN■u■■■d■S■■■E■■■pt8■■■+■■■.■■■■■■■r■■■H■■■3y■q■i■3■-■■■e■W■■■■■■■
■■■O■■■u■■■y■■■#K■■■■■■■{■■■.l■)■■■■■■■\$■2!G■T■■■rb■■■w■■■O5■■■p■■■\■■■QS■■■■■■■\J■*■■■ux■■■■■■■
■=■■■V■@■?r■O■■■@■■■■■■■h8■■■■■■■:■■■x■■■w■u■■■■■■■
r7■■■6[■■■+■n■Se+Q■■■■■■■V■v<■■■z■■■N■D■■■NW■■■<■■■■■■■f■Q=■h■■■rP■■■%N■■■N■■■^■■■■■■■bm■■■■■■■
■■■■■■■;■■■
■u■b&■■■■■■■a■■■■■■■6■■■■■■■kW■■■m■j■■■■■■■3■■■W■■■.■■■_■■■■■■■N■>■s■■■■■■■*zRX■■■T■Q■■■
)P=Y(■■■■■■■V■■■■■■■S1■bt'■■■■■■■}■P■■■■■■■H■:■*■■■v■5{sv■■■W■i■■■(8■■■S'6■■■_■\$■■■l■qJ■)M■■■)M+Mrq■■■
9■■■■■■■`■■■■■■■}■■■:3■■■W■6■x■■■■■■■d7s■}■■■4{■■■■■■■H■4■C■■■■■■■7~■■■hq■■■9v■■■G■■■<■x■■■!3■■■.■■■

```
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#°#)|#####lâ-#_#l.1#v#####|#####h#U#####[#####&#]K  
#N#Y#####Ow8#Z#####R#####\#U#####7#####j#>#####e#C|&6#x#J####,j0#####V#####j#####t!#np#7tN#####  
#dn###l=#####G#1#####PV#####u#=#oQ*#####k#=#.Tv#####S#2#N#S#####[#####"##*?#####a#####W#}]žr#####  
#l#W#o#####:^^#####nO#k#H#C#####9t#++V#@J#####ΔN#-#####e#####|#####J#####  
#Z#####hu#####Th#5h#0#OD$#c&##'#####*#####.W#)(#lS+mr#:#s#;##{#####/##FX#g{##;o_#####Y#?#h&#####  
#####jh#Z#####pC#B#A7]#####$#h#####*#####n######`###I7#NZ#####R#####jR#####  
"#####nf#h0#bae#^l#####U#####C#X#'#^#####;#(#####P#####Q#G#7#i63Z#(##4_###|F#Y#Yn1#####s#####  
#####y#####!*#####7h#_,l#####/#####q9###/,V$B#r#Y#####y#####i#####v#####tF#####h#s5F0iw#####7###(#####  
#####J#j#####U#####d#####V#####lY#####n!f#####`S#[#####fe#@P#####>#####'##=#####Dp;#JD#####R#####x#####v#9#####  
V#####S#####/#####1#_#Q#####  
#####h#####C#####dM#####>#B#####x0<#####@#####[#####V#####N)#####5|#####j#l4#a)#####(##b2A#####|##8#l;#####A#####  
#####j#####T#####f#####2#;!##8#(##D##$34#####$#####T|##'###]YY#W#####/i#####j#fç#####\#####L#####  
#####c#c#>#####'##  
3#####:###d#####i#U#####=A#:#!#####=#J-#G~#####1.#D3#l#T#####|(#Nk#T#####"#w#####O5#####3Y?#####s#|P#####$#g#####  
i#####6###+#####p:#####B#k#v#####z#!p#####0#####`#####5#-##e#u#)##8##*#####8#####r#####L#####  
#####a4###;#BdF#e$7@##+BjR#Q#.#M#####L#####e#N#c#(:#####0#F!#h#####X#:#B#q#####8'##N#####Gl=#SB#R#####  
#g4###[R###.k#####5#w#-#M#!#####U#####r#####%###g#####6#v#6#M#k###A.###]s'#####+###5#h#####2#yÖ#####  
#>ip#####zY:###S#####$#####D#####/#####-N#####6_6#####|#####}$#####"&83###|$$$#####4###F#pg#g#o&#N#####  
%###p(#####@#####  
}#D#####N#gER#<#####(#####<#####8#$#####{#@`#O###(##):JQ4#$i#####a5#####Bw#(P###)#l#####UD###2#####4#####  
#$E#####{#####v#####R#####:IP(r#*#####  
#####D#V#####S#m#S#####b#b#####W#<#####r#3#Tj#kE#####K)TJ?###/T#z#####96#####0#3#####E###a#####  
y*<#####|#####!"#M#w+#####9#%#E###U#####_#####v#####hfw#m#####/k#[#](?###sv#####-o#d#!#0#####  
#####(#####e#####q'#####.##aB#N#JZ#####%###A9@+###E#####  
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P#####7#DzH<#####K###G###f#d#W###V#####?#]2#5###Z.#####X#####*e#sh>#####@r###o###O###-###]y#####r###@#~#####  
J#####6u@#####/#####h###;P#C#####q#G#V#~#Am#E#o###~G#####h###?###o#>ri.#####0/#####X7#=#`#####k#<L#####^#####  
#####v#w#W#####'x#####W#####M######.#####E#N#####w0#####S#####S#####U*#####3#Jz#x#####_#G#"#####  
DN#####`#####{##>#y#{#####{wY#####3#y#9#9#y#####y#uX#####n##*(##q#g,u#a%#r#qr#g#####nmQ#D#####  
#####S#####<?#####F#####X#####O#^#0#4#####q#####j#bTK#####8###c#####  
#;hw#####E#Dyx4/#W###_###%r#w#####T#####L#L#r]###V5###_NN###=######~D#{M:###E###&~#G#####e###N#####  
###'e###;#;#L#####'m#####3g###m#V#q#M#Zx#####h#####j4o#v#####x#####}#####T###'yW#####.%#<$###=#F#####  
###|!#!#E#####z###!#####>###.|#gbpR###*@7x[d#####=>\#####3#####J#####"#1###}#####|#####r#|#####  
m###K#P#('Pe(#`#m###*#*#^#8###SK6#####"[#####B#5###`:#|#####6!q#q###N#####H#}#{#####~###+[g#/#9#####9#####  
vR#>#n#####lY#####e#####E8#G#####`#####[###;###~#:#V#/#n(##)#####`#####>#bt<#D#1#####$VHmr#{#####Y#####  
#Qzr#####(oi;J]s#####F[#####  
s#b#####J#&#####Z#####B#####K#####&9f#q###L4#R#####&z#pv1#4#####0>#vY#md#V#:#3[&###hL#####R#####  
#9#j#####}#V#b561#####!#t#*#f###?###2#%l#####c=#####^#:#i#]"#####n#####{#####  
#####('#####p#####  
#>a#####X###4#####(#####0#####h#####\#####Y###r#A###W###S#####otN#z)Q#b#####2###$?#####R###v^w#####u#T#####  
#.#+a#~#m#"l^v#####qg#####}#n#5#####'3;#J#&c#&Hq,#####v#####}r#####7#####K#\#p#f#5#####  
#l#####W:v#)##1F#|#####a#1#####u#####a###L#;#####<#fm#####z#####>#q#/#m#####K#####z#####  
?#s#l#####l#####C#####p#:#7z#####G#ZL#;#####Er#  
#V###P#####U#####|###g#####"N#-#####l#"#####~#}  
###M#####oTx#)#sc###########kd#)#####u#####2#QtO#n#####E#M#####&#####oK#####|l#####o#'#####i#####R2#7#'#####  
#####z#####g!#ig#3###.#M#####h#l#####n#####6###4e#####N#####|#####V#####D#1####=#v#####<#####  
s#####u#####$#{#####>#####)#####b#p#####=#t;#####|##}1#Y%###d#[#dj~#####W1#bT###p#[#H#####  
#####?#-;###%#++#c#_#p#N#%#####_#####  
#~#l['#(<#2++###n'Vz###?#####7#r,r#####{S#~#####|##=v#####D#####g###,##&#####G'e#####_]#f#(##H#c#####g#L#####  
#]#####]$#&###8###F###F###.#Sc#####}#s#++#+#7#L###8#|#####k3#0###8###0###l#`}###:#y#####W#/#=######  
#8Q#####?#d#####5#w#_#%{#####9###Ñ#e#####{m#E###-#)###e#####gX#####R###e#j#l#<w#####!#vS#####e#####  
#K/K#j#2#l#[#6#4####R#+#####\#####j#Uk#@###T###=#S#tH#  
{D#u#####'#####k#)#"#l#####R#j######K;#####W@#R#####E###o#g9O#####v#####wY#%#####X#K#c#@*#####  
#r#u#/#/#/y#6#####j#7q###5#O###?#####2q#####N{##!#~#k###2#C#"#2###{Z#Q#°QQV#P#####1#)#B#5#####  
#####Y#KT#~##@#!#####u#7#$#`#v#}#l#####nbV#qe###;###$#####b###Mp$#Y#1#####T#####-#####~`#####Xm#####  
#####b#-#*#####t#####4#####i#####m#W#####4#####x#####z#a#####E#####i#Y#####k#^#
```

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J3~8w?JqUuL" _WUUEf5ZjJj]tWnnp+n_pU!!!~
endstreamendobj6311 0 obj<</Filter/FlateDecode/Length 22793/Length1 58403>>stream
H|yTW4-((U\Pm\F\FD%cF J\Mf
(. .|01qp4cCaa9{ }Uhh%2zL^m>##.1a|J
s;S6kZ{u|K FgN @ aS-#+ #y s? 2&.\nO
qcs-TbC#\Z(:tG D>39T 1v @G v;6 -*8q8CK*
s~C#l_G ?9jt3>tM<%4O6=rFYc }
3JrC)W+AA!Pcqqqv^YYYYCY kPP8Ec}cgK5
-eX6MlYsS3fMA5kAA~@sosOsgL&'QSS[M{M
(FFEyjj4j<& <dPILbj6M1 qZ] >_uNXXJP%*UT
\zzP~}@aD'S)c8pCnqp"q2p* qz0?Xs;fc1{ao}
6qquqqnM VffM7mzNWAW7JUeZCjGVU
6V»n7>jZ|+`uuXFH|Oe'h|Fd%AAHML F2N(r)D<X6
4O4f
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}pn>lcMl6)&ny6iP)bbX.V<FBBYInO qT_o&0
Y)jY')bbe"UP*N%JT*U jnnn* rTOz j j j
xxxisds#X& dN<0j5M R/L|A??B>U*{j[
u0EEo7rA V' '@{C A4h)J. q==9'se' S/SUf d
]q"11CPPPcy&Ml @gsC.S[ l h+=*N_P<0j% i#: b82GWa jZ'
A_twDAAY g @oad5_fqr, )tu79W jZUlk5m=j}G
zzVzzbcb2ss> }f]hT
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'LwEE$2D// #||i|u2u1 n v+ %e(E|wlc oMCJhc@
wOr^!OO{0u]ttd` qq50|L> >`~k4)UçtnW=X~[~{?P
&{LLT^p- dmm[28kk<HddGLr-L[m5!qTG[::
%:'''Zk$N
\((jI0c, S. {r)[l5K% HB Tl|gn"wr[yxAT S9#h
ChJ!olWZZAèT VJ
"HHKGsc'2);cg1"l dG1<Q1gQQ#% i&<b{ {vg
oJ>7.{D"w$AE_Z==kD'"hA$ }r8K V K n u l=#K
OCSeE! EH84 p, " ,`nU)cw m#cc. YX0~* -ccm
jQDSPU5KUU4l? $uO Je`T @9
@UCC
RH?rRRtR 6r99_$/[ #d==j69(S) {VUT\U~eS"
W&. F W, _<\Tx B N<° B D @OK[ccjj] }^ K L- .//s
bi5i2k5h % C pxcN4 &q; ]cTQ5`O37|02 @bs:7`%
N55t. Hri*7d
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@ ~bs! !' ,ggg ]r7¥^% K OK`6 ' _8WixXOz1
1B V = ]W a#h TC5 { }z u c F -(7c !2]
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\$%+c qSW 7rWd9Eup(V%U HdRbk9eG>GgKCC
Q.MK(efVxsR^1y!Qf;12<+)5yVsIj"5/hNt gEd.
d[]HL>;1UfNtQV[xcSD8CU]8x[+V]c54#
eJV2\$[/] =gk v*H}=J|d%,W2j=9O[%_mt>KcA7F8
[]hUmnn[ulii{Q=#9Xzttqlyht:[]a}||1Y\$[/Ahbbro
d]ly\$xoWtB9o5_Ky[]oQjI2
y-kZ[//%8Y;/;FVt)+R-K5].s[xQJ#gX3i0f&0M;,
Hv_s"4\4*^5HM{W-WxWk')7K0K
}9AARH*uCCr<`,`H&5#|3|zFyFF48
0LfL5&i
1hetn/Rk567n@~l/^6UTW?oy&&(0*##C#T<P
5klg8~k#zC;,,WY;((:#^#zv
uUx(O<O4k3N84{X8w.??2]c-
||2u9^:``y;c;q}~uUjG<23p|B^&oY18+}qn
bq\Nee.q0~9CmzaA^XC\|Z.+1O5^C\ xq=-
uP1
c;Yx0X=4<J%((aUBsQ))\A-U-9)(
e!^iK[xQ")6%S á#iXp3?m_[i#>R#A_5
Cq;Qt;QcW5~9L6y==uB0&z-o2g""X2
S>30Ujcc/2wccB"\$D(
L iZB!
diBff&Y`H`LXH`T0"3qPvZm!,B`L`o<w|
%|9E_GuZ`e}x7^2-wc6w(cLPLCA?#
Y?e`q>\$cóx`x{f`hU`w`s4p.&cG=;]=~z`gT`k{c`w+m}q>
.c`z`\$`q`h<,m(s"p/vD\{-F2>>L`itC>{8~KOB
?6W`Q`slg`s`h{t`b;`b4\{b`z.??`h}s.&
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BP(k<y`a6N/F||0"5X+uLyd`L!K7`I}P`bM`N]
R31]O`k]?6`huV3`Q`>\$!\$`a`X(g`%"`/g`1&D`Z`N`xE`d`
^((~`5`#J`/\$v@P((`*G`QvOUVR:m`H`ö`D;"Q<`i/`VM`%`j]m`*`1j
G`C`+`o,a`d`U(`V`?`bU`@+s`#-VUg0&Z`m`;M`U`j`:`6j""M`_`Vg{Zq1
`,`_6m^4`/YJ
v`?`jE`n<`S>L`N`7`0m`_`nfOò7`Q`3`I`3`j`eh`w`P`M`y
hS`8`=W+`?`-`%m`V`=G`s`x`6q`q}s`K`N`h`8>F`05`B`v`h\$J+
;8`W4W`e`j]?JV@(`(g+z`%`L`):9`XJ`6`N`g`y`k|[6+`y
k
u[FVc+\$L8`kZ`S`O`U`,`s`S` \`+`@`C!`H`(``!`x`
t`d`P`8&`O`e`+`k`L`?`[`S<`%`@`O`9y!`1n`{`ua`]!`f`~`0
Y`it`>`c`;;w`k}H`l`it`Z`Dp`-U`<`e`l&`v`M`[7{`'`u`<`
hYA`|9`0`8`Ok`nO`]3÷b`vc`5`i`,`|`O`p)P`\$`X`h`U`jH`>6
c`S`#`>;r(`r`d\$?T`sn`*`=={`p`|P`G`O9`%`+`e_
!`s`d`\$i`?`>e`lHM`Y`6`u(W` `t/8`@`1q|`SS`Z`%`K\$`P`v`CC`]`#~
endstreamendobj6312 0 obj<</Filter/FlateDecode/Length 24108/Length1 59036>>stream
H|y\G`oz`f`Qd`1j`e`%`w7*Y](A`PT`FT`V`c<`/P`0`L`M`?`j`0`5`a
8`e`6`x`QG`h`q`T\`X`&R`-`V`)&`!\`y5`d`YOq`&H`[`~`b+`
X`;;#`\$b<1`|`H`TL`Y`P`b`K`R`Z`p`&
b`ub`[6`6`|`Y`e`v`d`u`:`b`c`Y`Av`fG`\$v`Bv`gE`N
o[0`0`f`,`s`[`,`/x`#x`q<`'|`<`x`y`,`x`/`e`6`~k,
t5]]R`%R9*O`"%Q2U`T`R
R5`NiT`7`A`E`T`jQ`t`A`zT`PCjD`9jBM`yj`3u`5`j|/P+z`ZS`r1`'`#u`

o`V0 LCh(4^Ei8G4&
^hN7 ,,%rX+a: X`#|& .>V}wWv
vE]Qv cW X]e'9'V rN;g 9sA D h k p vP}t e'
uq i \$ Ud1 L N C k
; } 9 X=N F 1 YC d Ns t0j & em *C ue=Y_ & D | | <
Ro @ ! x Vm) nu y - 3 D J JI > v" - t Kr ^ o E & b F ! w U Wt I
XUW% m" F Ph b 5 o83 g @ & ki= > {p = v Gs {q?
id &] Q-A aj o 2 6PL d ^ "I T P* M 2 L ? M \ GP .< ,
} # Bz M oc * > j h 4 [o [& c1 t To5 N t CF) X? G ` g
j m 8
fZ je# Kt w qU { 3 Y? ? 8 n W " HZ A h H @ " " P Qf CK]
" P , G " rf v m \$; svs 8 g } B 0C 9 < 2 \ v h9RP & p E
l D l =aR I S # c i P 5 > f ? b h P / " G ñ K d IMM Yc4_
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+ T \$ A A ~ \$ ~ } Gw' l q [- [/ 6 ng * UZ
Z + 2 " ? w N (~ W J > / W T @
W > 9 C R C ~ E k X | @ = V ^ (N h x j 1 J6
X F J / ? + 2 i + 2 / } y AVv9 ' \$ ' R . 9 - S [m] o [h k B Z i 0 , ± H l e , Q [
8 j Y R W > Q =] b bs CX # i Y L \$ % 5 ` + F M Y d 1 h \$! 9
2 BNK l ~ S j , v m 8 ! y d 5 _ n g j = 2
Q % \ t \ U 2 | F T m _ y , ? f m ! ` g 8 L f
: t w g k \ m Q } w S { A ^ ~ x q 5 \ * A #) UC - gg d D 2 Z U f
s CN , R m l / # Ar Y hc . ac K Vz Q1 a n g / 8 f , l M 7 9 a _ (?
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+ ZF H M j ; w k V r n V) (8 . \$ p @ " ^ R . HTb & |
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 \ 4 > & : v p b3 Wu ` i w | d l w F / O @ G ^ m ? } O \ < 9 ^ < 3
 \ c = m o w Q ? Hb \ 3 1 r F * ~ w 73 + U s (b) c
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 v 3 V z RF > J \$ d 8 g U /) ' G X K Ez # c W = U C X D
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 RK X . e s I Qp : OE f _ my o Q Ya X p W Mp 1 A5c)
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 h ^ s h \ (~ (By 7 * G hn { By 1 : G D , o = o _ ; ' l p C M ts
 w ' { p j | ; 0 K7 M + \ [7 t W r . u L h K '] m O5 :] / k nm a s A
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Page: <https://www.njit.edu/frequently-asked-questions>

Page: <https://www.njit.edu/graduatestudies/graduate-studies-faq-current-students>

Graduate Studies FAQ for Current Students | Office of Graduate Studies

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On & Around Campus
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[I am a current degree-seeking graduate student, should I register every semester?](#)
[Yes. Continuous registration is required in each fall and spring semester until all degree requirements have been completed. CH](#)
[Student Academic Calendar](#)
[and the](#)
[NJIT Payment Policy](#)

page for drop/add, resign and financial liability deadlines.

How many credits should I register for in order to be considered a full-time graduate student?

Nine credits is considered full time.

Can I register for fewer than 9 credits and still be considered a full-time student?

Master's students may register for less than nine credits in their last semester in the program and receive full-time certification.

Ph.D. students may register for less than nine credits earlier and receive full-time certification as per

www.njit.edu/graduatestudies/content/new-phd-credit-requirements/. Also

see [/full-time-status-phd-students/](#).

Students should contact your academic program's graduate coordinator (before the semester begins) to see if you qualify for full

How do I find out who my advisor is?

You will be assigned an advisor during the admissions process. If you do not recall who your advisor is, you should contact your

I have a registration hold. What does this mean and what should I do?

Registration holds create an opportunity for graduate students to consult with their advisors to make sure they are on the path to

I have been certified as a full-time student, but my loan company tells me I am not a full-time student. What is the problem?

NJIT enrollment information is sent to the National Student Clearinghouse (NSC) on a monthly basis, with more frequent transmittal

Office of the Registrar

. You may also want to contact Financial Aid.

The deadline for registration has passed, but I need to add a course. What should I do?

Students cannot add courses to their registration after the official course add/drop date shown in the Registrar's calendar. You may

I want (or need) to take a break from my program and will not register next semester. What should I do?

First, be sure to speak with your academic program's graduate coordinator about your intentions. If you are an MS international

Leave of Absence form

which must be submitted by the end of the first week of the semester in which the leave is to begin. Doctoral students must complete

appointment request form

. For more information on leave of absence, go

here

.

I am currently enrolled in classes, but an emergency has come up and I cannot finish this semester. What should I do?

Contact your academic program's graduate coordinator immediately to review your options. For qualifying emergencies, eligibility for

Request for Academic Withdrawal

. Please be sure to review the Registrar's

Student Academic Calendar

and the

Student Accounts Financial Liability

deadlines.

Preparing to Graduate

How long do I have to complete my degree?

Students are expected to complete all requirements for their degrees as expeditiously as possible, within the maximum timeframe

Graduate Catalog

.

I want to graduate next semester: what steps should I take and what documents do I need?

Please see our

Graduation Requirements & Deadlines page

for more information. Please note it is your responsibility to be aware of the academic deadlines for all degree conferral paperwork

Do I need to apply for graduation?

Details are available at

<https://www.njit.edu/registrar/frequently-asked-questions/>

.

I want to walk in the commencement ceremony. I will have one to two classes remaining after the Spring semester which I plan

You will need to submit a "Permission to Walk" request to

GSO@njit.edu

in the beginning of March with a strong reason, good academic standing and zero account balance if you expect to complete all

Am I required to attend graduation?

The annual graduation ceremony for all graduating students is held in May. Students are encouraged, but not required, to attend

NJIT Commencement webpage

. This will get updated closer to the commencement date.

I would like to participate in the following year's commencement due to current extenuating circumstances. How do I do this?

You will need to submit a "Permission to Walk" request to

GSO

in the beginning of March of that commencement year. You need to have a strong reason, good academic standing and no balance due on your Financial Support

I want to find out the status of my financial support (nomination form).

Students who do not have any details about their nomination forms must contact their own departments first to confirm that it has been submitted to GSO@njit.edu

, and GSO (Graduate Studies Office) can check the GANS nomination system for status updates.

I am a graduate student employee. How do I get more information on UCAN eligibility and membership?

GSO has created a

webpage

to list important information for PhD students who serve as TAs or RAs and are eligible for UCAN membership. Eligible students can also find information on the

Human Resources website

. I will be traveling to present at a conference. Where do I get details on travel reimbursement provided by the GSA?

Details and forms on the

travel reimbursement process

are on the GSO website. The

GSA website

also has the link and information.

Health Insurance

I have a question regarding my student health insurance. Who should I contact?

You can find information about student health insurance

here

. If you have questions relating to enrollment or a waiver, please contact

healthinsurance@njit.edu

. Professional Development and Student Involvement

I feel I need help with my communication, writing, presentation and networking skills. How can GSO help?

GSO offers a multitude of ways to help our graduate students develop professionally.

The Canvas PhD Professional Development course contains a multitude of resources to help doctoral students write their dissertations.

GSO also offers on campus professional development seminars. Information on past professional development seminars and programs is available on the

Graduate Studies Connection

monthly newsletter also highlights upcoming events, workshops, and webinars.

How do I get involved in graduate student clubs?

Graduate school is a great time to meet new people. Meeting new students, making connections, and building relationships will help you succeed.

Graduate Student Association website

. Other opportunities are getting actively involved with the GSA, as well as the PhD Club.

External Scholarship/Fellowship Opportunities and Student Competitions

How do I find information on external funding such as research opportunities or fellowships as a current graduate student?

Doctoral and master's students can find external grant and fellowship opportunities to aid them in their educational endeavors from a variety of sources.

external funding opportunities

is available on the GSO website. Also, the

Graduate Studies Connection

newsletter highlights external sources that may offer funding opportunities relevant to our graduate students.

Does NJIT have any research and innovation competitions and showcase events for graduate students?

Yes! NJIT offers many opportunities, including

Graduate Research Day

, 3 Minute Research Presentation (3MRP)

Dana Knox Showcase Competition

, NSF I-Corps Program

, New Business Model Competition

, New Jersey Innovation Acceleration Center

, and

VentureLink

. GSO Contact

What are your operating hours?

The GSO office hours are 8:30AM - 4:30PM, Monday to Friday.

I have a question and would like to meet with someone from the Office of Graduate Studies in-person.

If you need to meet with a particular GSO staff member, scheduling an appointment in advance is strongly recommended. To schedule an appointment, [click here](#)

. You may also email

gso@njit.edu

with any questions you may have as a graduate student. Most issues and questions can also be answered over email, phone, or in person.

Is there a listing and description of key departments and contacts for graduate students?

Yes. Whether you are a new graduate student, or a continuing graduate student, the

Graduate Student Guidebook

is your helpful guide to NJIT. The annually updated guidebook contains key contacts and descriptions and responsibilities of various offices and departments.

I sent an email to the GSO mailbox, and I still have not heard back.

Please allow up to three business days for a reply to your email.

Privacy

Can my parent/relative/friend contact NJIT and find out about my performance at NJIT (i.e. grade in a given course, overall grade point average, etc.)?

No. Due to FERPA, such matters can only be discussed directly with a student. The Family Educational Rights and Privacy Act (FERPA) protects the privacy of student education records.

Technical Issues

I am having trouble accessing my account/I need to reset my password/I don't know my UCID

Such issues should be directed to

Information Services and Technology

.

I have mistyped my email address in my record. How do I fix it?

Students can change their own email in the Self-Service portal.

Thesis & Dissertation Formatting and Reviews

Is there a page limit on the biosketch?

The average biosketch is 1-2 pages.

What does the dissertation charge cover specifically?

Copyright fee for the dissertation.

Don't the student fees and matriculation fees cover these required costs?

No, those fees only cover the costs during your studies.

What is the timeline and requirements for my dissertation/thesis submission?

PhD students and MS Thesis students can find their respective timetables

here

.

What is the timeline for my PhD program milestones?

The following

[link](#)

will show the program milestone timeline as well as the links to initiate the milestone reports. The Ph.D. proposal and defense reports are also included.

How do I make an appointment for my format review?

Please make an appointment for your PhD dissertation or MS thesis review by

[clicking this link](#)

.

General Questions

What are some of the most important things a graduate student can do in order to be successful?

You should read! Read the

Graduate Studies website

and be aware of the requirements and timeline. Read your emails to learn about opportunities and resources. You should refer to the Graduate Studies website for more information.

Academic Policies and Procedures

. Establish positive relationships! Communicating with your advisor and committee members will be important to your success as a graduate student.

How can I transfer graduate credits from another institution to my current NJIT graduate program?

Each graduate program will determine the applicability of previous graduate courses proposed for transfer credit. Please review the Graduate Studies website for more information on the transfer credits policy.

and contact your department's graduate director and major advisor to determine the transfer credits' eligibility and for initial departmental approval.

Transfer Request Form

for final approval by the Office of Graduate Studies. We recommend submitting the transfer request form within the first year of your graduate program.

[here](#)

for more details.

If I repeat a graduate course, will the grade for that course remain on my transcript and will it affect my GPA?

All graduate courses/credits for which you have registered and the grades earned will be recorded on your transcript (unless the weighted grades

will be calculated into the “cumulative” graduate GPA reflected on the transcript.

I was informed that I have reached my degree time limit. What does that mean?

Students who have reached their degree time limit are prevented from future course registration. Master’s degree students must

How do I get a copy of my official transcript or diploma?

Transcripts and diplomas are handled by the Registrar’s office. You can click on these links to order transcripts

or a

diploma

.

Where can I find information about career planning and post-graduation employment?

Visit the

Career Development Services

. Services and events such as workshops, company information sessions, on-campus interviewing, and career counseling are offered. To request an appointment

to be conducted virtually with your Career Advisor via Handshake to discuss any concerns regarding employment and your job offer.

I have a B in my graduate course. What is that considered?

The following grades below are used for graduate courses. Click

here

for more detailed information.

Grade

GPA

Significance

A

4.0

Excellent

B+

3.5

Good

B

3.0

Acceptable

C+

2.5

Marginal Performance

C

2.0

Minimum Performance

F

0.0

Failure

I

Incomplete

W

Approved Withdrawal

AU

Audited (no academic credit)

S or U

Satisfactory or Unsatisfactory

P

Passing for Master's Thesis or Doctoral Dissertation

(Unlike undergraduate courses, there is no D grade for graduate courses. Assigned grades must be consistent with the level of

What does Probation status mean?

Students who have completed at least 9 credits and do not achieve satisfactory academic standing may be placed on academic

What is the meaning of Subject to Academic Dismissal?

Students may be dismissed from graduate studies for cause at any time. Cause shall include, but is not limited to:

Failing to meet the conditions of admission.

Failing to maintain a cumulative GPA of at least 3.0 after completing one semester or attempting at least 9 credits.

Failing to make satisfactory progress toward a degree.

Failing to meet the requirements for graduation.

Failing a required or repeated course more than once.

Failing to satisfy requirements for project, thesis, or dissertation within the required time limits.

Failing doctoral qualifying and similar examinations required for continuing studies in the program, or failing to take examination

Professional conduct offenses as defined in the NJIT Code of Professional Conduct.

Making a false representation relating to admission, registration, or the awarding of financial support.

Failure to pay all tuition, fees and other charges within the required time limits.

Dismissal is noted on the permanent academic record. Decisions relating to a graduate student's academic status are made in a

Does the Office of Graduate Studies handle applications for entry into NJIT's graduate programs?

No, that is handled by the

Office of University Admissions

. Applications for entry into graduate programs are handled by the Office of University Admissions with input from the academic

Does the Office of Graduate Studies handle distribution of financial aid?

No. Financial aid sources will vary depending on what type of aid you are seeking. Private loans and similar types are handled b

Student Financial Aid Services

. Fellowships and assistantships are handled at the departmental level.

I am international student and I have questions relating to my immigration status, such as questions about my student visa, I-20

Any questions relating to the immigration forms for international students should be directed to the

Office of Global Initiatives

.

I am interested in the BS-MS / MS-MS / BS-PhD program option.

Any questions related to these accelerated program combination options should be directed to the

Office of University Admissions

.

Committee Members (MS Thesis, PhD Dissertation)

The rules governing the composition of the proposal/defense committee are in the
graduate catalog

. Remember to work on this with your thesis/dissertation advisor.

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Meet our Students

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"I lived on campus when I was a student here, and it's a good thing I did. It allowed me to really connect with other students."

Jonathan Ferrer,

Class of 2014

"The knowledge and skills acquired in NJIT enabled me to embrace a bright future in both job market and social network."

Xiangshan Liu

"I have incredible appreciation for the Honors College for equipping me with knowledge and resources to succeed."

Rahul Syal,

Class of 2018

Meet our Architecture & Design Students

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"At NJIT I've had the pleasure to study and work among commendable faculty and students."

Albina Gode,

Class of 2015

"From architecture to construction – all the elements of design exist in the program."

Elouie Gaspar,

Class of 2017

"NJIT gave me both the skills and community I needed to grow as a designer."

Renee Collins,

Class of 2018

Meet our Computing Students

NJIT is a top 10 school for return on investment

Apply Now

"I love this major. Merging biology with computer science will help me become a doctor."

Chandani Patel,

Class of 2019

"NJIT gave me the freedom and creativity to tailor my degree to best suit my interests and talents."

Danielle Tavella,

Class of 2017

"NJIT offers you the opportunity to find a field you love and dive right in without feeling pigeonholed."

Yousef Abbasi,

Class of 2014

Meet our Engineering Students

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"I'm really grateful to the Honors College for giving me the chance to do research."

Margaret Christian,

Class of 2014

"As a commuter, it was really easy to make friends. NJIT has a very tight-knit community that welcomes you. I love NJIT! "

Rozana Atieh,

Class of 2019

"I was definitely prepared for my job at Scaled Composites and perhaps even ahead of the curve."

Michael Anderson,

Class of 2013

Meet our Humanities & Liberal Arts Students

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"Being in such a flexible major gave me the opportunity to explore my interests."

Waydon Destin,

Class of 2015

"My learning experience at NJIT has allowed me to pursue my lifelong dream of becoming a physician."

Mohammad Nawaz,

Class of 2017

"One of the best decisions I have ever made was studying History at NJIT. "

Jasmin Jaludi,

Class of 2018

Meet our Math & Science Students

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"As a biology major, NJIT has opened up a world of possibilities and opportunities for me to pursue my goal of becoming a pharmacist."

Ines Nzameyo,

Class of 2019

"NJIT enhances your ability to think outside of the box and explore your abilities. "

Colin Hampton,

Class of 2019

"NJIT's physics professors have had a major impact on my education by giving me positions in their labs."

JonPierre Grajales,

Class of 2021

Meet our Business Students

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"Martin Tuchman School of Management provides a continuous support system that extends beyond a degree program and provides professional development opportunities."

Anousha Raina,

Class of 2023

"Pursuing a BS in Business Management and my MBA at MTSM has prepared me for a thriving career in a tech-savvy world."

Travis Forbes,

Class of 2024

"Attending the MTSM was excellent for my career! Great education, supportive faculty, and many opportunities to enhance my skills."

Ufuomaefe Ogbe,

Class of 2023

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Friday | 5:00pm

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At NJIT you will thrive in a community that's constantly pushing science and innovation to the next level. Our students are motivated by the opportunity to learn from world-class faculty and to work on cutting-edge research.

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Transfer students can transfer credits completed at a regionally accredited institution provided they earned a "C" or better and th

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Our first priority is students, it's our most important asset.

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"The curriculum helped me gain the experience I needed to design and develop software systems."

Chaitrali Rane

Class of 2019

"My degree put me ahead of the crowd and helped me secure an application analyst position."

Keen S. Chan

Class of 2017

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The Office of University Budgeting supports NJIT's strategic objectives through a transparent budget development process by id

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The Bursar's Office assists students and parents with billing, cashiering, and payment options.

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The mission of The Office of Business Services is to provide effective and efficient administrative services to the NJIT communi

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[Risk Management](#)

The Risk Management department works collaboratively with the campus community to identify, evaluate and analyze risks inh

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Financial Systems and Innovation (FSI) leads the implementation, administration, and oversight of NJIT's financial Enterprise R

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Our Mission

The Women's Leadership and Employee Resource Group (WL+ERG) is a safe, confidential, and supportive community that aims to

History

The committee was established by Saul Fenster, former NJIT president, in 1992, when he declared the "Decade of the Woman

The committee was charged with the following set of responsibilities:

To provide a forum for women at NJIT to discuss matters of common concern including issues related to the academic and social

To explore the continuing integration of gender into the curriculum

To explore strategies for recruiting women students, faculty and staff

To assess the impact of university policies on women

To consult with and advise the president on relevant issues and recommend strategies for areas of concern

CWL (formerly CWI) Co-Chairs

2022 - Present: Risa Gorelick, Miosotis Hernandez, Kristie Damell

2020 - 2022: Grazia Gangitano & Christine Cervelli

2019 - 2020: Gabriela Gutierrez & Frankie Spear

2018 - 2019: Christina Pascucci, Gabriela Gutierrez & Frankie Spear

2017 - 2018: Lucie Tchouassi & Christina Pascucci

2015 - 2017: Casey Hennessey & Lucie Tchouassi

2012 - 2015: Karen Quackenbush & Dominique Clarke

2005 - 2012: Rose Federici & Dean Conrad

Our Past Successes Include

Provost and Faculty Council approval of a proposal to stop the tenure clock for faculty members caring for a biological or adopted

Escort service was established with Public Safety to ensure safety for employees leaving the university after dark

The University opened a child care center as a direct result of a study by faculty and staff

The annual Lillian Gilbreth Colloquium was established

The Anne Wiley and Connie Murray scholarships were endowed

Issued a report on Advancing the Status of Women at NJIT: Recommendations for the Strategic Planning Process

Won the 2007 Constance A Murray Diversity Award. Presented to an individual or group that goes beyond the commitment to excellence

Developed the Active – Modified Services Duty for Faculty. Eligible faculty may be relieved of teaching responsibilities for one semester

Established and maintained the Lactation Lounge

Worked collaboratively with The Connie Murray Center for Women in Technology and The NJIT Chapter of AceNet

Offered workshops and brown bag lunches on a continual basis which provided speakers on topics that are of importance to our

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Page: <https://www.njit.edu/life/transportation-parking>

Transportation & Parking | New Jersey Institute of Technology

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Rules and regulations pertaining to traffic and parking on campus are necessary to establish safe driving conditions and the order of the day.

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All vehicles must be registered with the

Facility Systems, Photo Identification & Parking Services Department

and display a current NJIT permit to park in campus lots. Students can register their vehicles online. Faculty and staff can register their vehicles online.

[NJIT/Rutgers Newark Transit](#)

The shuttle bus is operated jointly with Rutgers-Newark and provides transportation for the university community between the two campuses.

As a courtesy, shuttle service is free to Rutgers and NJIT students who present valid identification.

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for schedules, routes, and maps.

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Whether you're a serious competitor or a weekend warrior, NJIT has you covered with NCAA Division I varsity sports, along with a 3.0

three-quarters of NJIT's student-athletes GPA

19

varsity teams at the NCAA Division I level

Student-athletes have the best opportunity to grow and succeed at NJIT.

njithighlanders.com

Close to three-quarters of NJIT's student-athletes have a GPA of 3.0 or better. No matter what your level of competition, you can

We field 19 varsity teams at the NCAA Division I level, and we are proud of our success in competition and in out of the classroom

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Monday, October 14 - Saturday, October 19

Join us for our annual Homecoming & Soccer Game. Enjoy a week of music, entertainment, food & Highlander spirit!

Donations for the NJIT Food Pantry will be collected at the Food Pantry table in the lobby of the Campus Center.

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Don't miss out on our Homecoming week events!

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Stay connected to your alma mater and join us for a fun-filled weekend with your peers.

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Celebration of NJIT's Hispanic Serving Institute (HSI) Designation

Please join President Teik Lim and the NJIT community for an evening of celebration and recognition.

Date:

Thursday, September 19, 2024

Time:

6:00 p.m. - 8:30 p.m.

Registration & Information

New Jersey Institute of Technology has launched the Hispanic and Latinx Leadership Council (HLLC) to propel its mission of er

The 11-person council — which features leaders in business and community advocacy, including seven alumni — will advise, c

For information on how to get involved with the HLLC, email

Michael Wall

, associate vice president of Development & Alumni Relations.

Find popular links and information below

About the HLLC

The HLLC propels NJIT's mission of enrolling more Hispanic and Latinx students and achieve its goal of becoming a Hispanic-s

[Learn More](#)

News & Highlights

See how Hispanic and Latin students, faculty and staff are making a difference.

[Learn More](#)

Pre-College Programs

NJIT offers a wide variety of programs for students, educators and families to nurture STEM learning for grades 4 -12.

[Learn More](#)

Student Resources

From professional clubs, to Greek life, to tutoring options, there are resources to stay engaged on and off campus.

[Learn More](#)

Financial Aid & Scholarships

NJIT is committed to helping you develop a concrete plan for financing your degree, from estimating the cost of attending to lea

[Learn More](#)

Popular Departments

Here you can quickly find a list of NJIT's popular departments and contact info.

[Learn More](#)

The College Tour: en Español - NJIT

See what our students are doing

NJIT mentors STEM-oriented Hispanic and Latinx students

[Read More](#)

"Getting an internship at an aerospace engineering corporation changed my future. After I graduate with my mechanical engineering degree, I will be able to contribute to the industry."

Mina Morcos

Class of 2020

"It is amazing connecting what I've learned in the classroom with what employers are looking for."

Iris Rosario

Class of 2018

"NJIT's high-quality education is preparing me for the challenges that I will face in the future."

Victor Pujades

Class of 2020

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UCAN-eligible Teaching & Research Assistants

A

UCAN-eligible Graduate Student Employee

must meet the following criteria

in order to be governed by the UCAN Agreement. He or she must be an employee who:

is a full-time,

enrolled PhD student

according to NJIT doctoral program requirements (students registered for less than 9 credits

must be certified full-time

to be eligible);

is in

good academic standing

as defined by the Graduate Student Catalog;

is enrolled for an entire academic year in an approved NJIT PhD program (students admitted and enrolled in PhD programs beg

has also received a full time scholarship for tuition and applicable fees based upon his/her academic credentials, and

is receiving an employment stipend for TA (Teaching Assistant) and/or RA (Research Assistant) services performed as an empl

Other Conditions for Support:

Nominated students

registered for less than 9 credits must be certified full time (FT)

by applying for FT certification in Highlander Pipeline.

Nominated students must

accept their award as per the instructions in the offer letter/email

.

Financial Support:

Stipend Support Levels for Teaching and Research Assistants

(PhD Students)

Minimum stipends are shown below (18 hours of service per week).

Teaching or Research Assistant Stipend

Minimum stipend for the

calendar year

(12 months; normally for continuing Teaching and Research Assistants):

2024-2025 \$39,342.76

2025-2026 \$46,000.00

Minimum stipend for the

academic year

(Fall and spring semesters; for new Teaching and Research Assistants)

2024-2025 \$34,211.30

2025-2026 \$40,000.00

UCAN Contract (Human Resources website):

https://hr.njit.edu/sites/hr/files/Complete_with_DocuSign_UCAN_GSRE_MOA_1-20-20.pdf

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Upcoming Meetings and Events

Upcoming Meetings and Events

The WL+ERG meets twice a semester, and hosts events each semester. Some traditional events include an event for Women's

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Spring 2025 Meetings and Events:

February Meeting:

General Body Meeting

| Wednesday, February 19th, 2025 | 12:00 PM - 1:00 PM | Central King Building (CKB) Room 116 (No lunch provided)

March Event:

Scholarship Brunch

| Tuesday, March 4th, 2025 | 10:00 AM - 11:30 AM | Campus Center Atrium

March Event:

Women's Empowerment Dinner

| Thursday, March 27th, 2025 | 4:00 PM - 7:00 PM | Campus Center Ballrooms | RSVP Required

April Meeting:

General Body Meeting

| Tuesday, April 15th, 2025 | 11:30 AM - 12:30 PM | Central King Building (CKB) Room 116 | Lunch provided

May Event:

Women's Recognition Luncheon

| Thursday, May 1st, 2025 | 12:00 PM - 1:30 PM | Central King Building (CKB) Agile Strategy Lab | Lunch provided

For more information about meetings and events, please contact

wlerg@njit.edu

.

To request to be added to calendar invites or the mailing list to receive emails about upcoming meetings and events, please email
leigha.wesson@njit.edu

or

wlerg@njit.edu

.

Page: <https://www.njit.edu/registrar/policies/grading.php>

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NJIT's graduate certificates give students the opportunity to:

- (a) improve their skills in their current occupation by developing expertise in advanced topics,
- (b) acquire knowledge to pursue new careers, or
- (c) explore emerging fields before committing to relevant master's degree programs that require more courses.

Many students pursue a graduate certificate for personal growth or part-time.

Each certificate program contains 4 graduate courses (equivalent to a total of 12 graduate credits) that are normally part of the

A full list of Graduate Certificates is available here:

<https://catalog.njit.edu/graduate/academic-policies-procedures/certificates/>

Information about applying to a Graduate Certificate program can be found here:

<https://www.njit.edu/admissions/graduate-certificates>

Master's students seeking a certificate must apply for the certificate program no later than the last day of the add/drop period in

Page: <https://www.njit.edu/about/visit/gettingtonjit.php>

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[. You can also use 154 Summit Street, Newark, NJ 07102 as your destination.](#)

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Garden State Parkway (GSP):

Take exit 145 toward The Oranges/Newark/Harrison

Merge onto Route 280 East

Take Exit 14 to Dr. Martin Luther King Boulevard toward Broad Street Station/Essex Co College/Rutgers University

Turn right on Dr. Martin Luther King Jr. Boulevard

Turn right on Warren Street

Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck

New Jersey Turnpike:

Take exit 15W to Route 280 West

After drawbridge, take Exit 15A toward Clifton Avenue

Merge onto 8th Avenue

At the traffic light, make a left onto Clifton Avenue

Take first left onto Orange Street

Continue on Orange Street for a half mile

Turn right on Dr. Martin Luther King Jr. Boulevard

Turn right on Warren Street

Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck

Route 280 West:

Note: Due to ongoing construction, Exit 14B is closed

After drawbridge, take Exit 15A toward Clifton Avenue

Merge onto 8th Avenue

At the traffic light, make a left onto Clifton Avenue

Take first left onto Orange Street

Continue on Orange Street for a half mile

Turn right on Dr. Martin Luther King Jr. Boulevard

Turn right on Warren Street

Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck

Route 280 East:

Take Exit 14 to Dr. Martin Luther King Jr. Boulevard toward Broad Street Station/Essex Co College/Rutgers University.

Turn right on Dr. Martin Luther King Jr. Boulevard.

Turn right on Warren Street

Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck

Route 1 & 9 North & South:

Use the right two lanes to take the NJ-21 exit, McCarter Highway

Continue on NJ-21

Take the Broad Street exit

Continue on Broad Street for a mile

Turn left onto Hill Street

Turn right onto Washington Street, then slight right onto Market Street

Turn right onto Dr. Martin Luther King Jr. Boulevard

Turn right on Warren Street

Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck

Route 78

Take exit 56 toward W Peddie St, Elizabeth Avenue

Keep right onto W Peddie Street

Turn right on W Peddie Street

Turn left on Elizabeth Avenue

Turn left onto Runyon Street

Turn right on Irvine Turner Boulevard

Turn right on Warren Street

Go two blocks to Colden Street, make a right and follow signs to NJIT Parking Deck

Route 22:

From Route 22, take NJ 21 North ramp

Continue on NJ-21

Take the Broad Street exit

Continue on Broad Street for a mile

Turn left onto Hill Street

Turn right onto Washington Street, then slight right onto Market Street

Turn right onto Dr. Martin Luther King Jr. Boulevard

Turn right on Warren Street
Go two blocks to Colden Street, make a left and follow signs to NJIT Parking Deck
From Brooklyn, Queens and Long Island:
Take Interstate 278 W to Staten Island/Brooklyn Queens Expressway
Stay on I-278 W, follow signs for Verrazano Bridge/Staten Island
Merge onto I-95 N
Take exit 13A on I-95 N toward Elizabeth Seaport/Newark Airport
Keep left to continue toward NJ-81 N
Continue onto NJ-81 N
Follow signs for NJ-21 N/Newark
Continue on NJ-21
Take the Broad Street exit
Continue on Broad Street for a mile
Turn left onto Hill Street
Turn right onto Washington Street, then slight right onto Market Street
Turn right onto Dr. Martin Luther King Jr. Boulevard
Turn right on Warren Street
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Completed application
First-year: commonapp.org
Transfer: njit.edu/apply
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English proficiency score
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Duolingo: 100
PTE: 53
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Official high school/secondary school transcript in English or a notarized copy
Official SAT (use code 2513) or ACT (use code 2580)

Optional, unless applying to the Albert Dorman Honors College
Transfer Students

Official transcripts from all colleges or universities attended

Transcript evaluation (WES or NACES member)

Completed at least 15 semester hours, including:

English composition

Mathematics (pre-calculus is required for most majors)

Science (chemistry and/or physics required for some majors)

Currently, more than 1,500

students from 23 countries are a part of the NJIT community.

During our admission process, we closely review your specific academic background and particular educational system in order

Academic Preparation

All first-year students who apply to NJIT must submit an official high school transcript in English. When evaluating your applicati

Your completed coursework should include English Composition, Algebra, Geometry, Trigonometry, Chemistry and Physics. W

Standardized Test Scores

SAT/ACT

Test-Optional Admission Policy for Fall 2025

First-year students applying to Fall 2025 can opt to not submit SAT and/or ACT scores. This does not apply to Albert Dorman H

Students who have taken the SAT or ACT are encouraged to submit test scores to be considered for scholarships. However, st

Standardized Test Scores and Information

Average composite SAT score for our enrolling first-year class is 1285 (Math and Critical Reading).

Average ACT score for our enrolling first-year class is 26.

Submitting Scores

We will consider either the SAT or ACT and use the highest scores provided, even if they are not from your most recent testing.

We recommend you send us all of your official scores as soon as possible, or no later than the time you test, to avoid missing a

SAT school code: 2513

ACT school code: 2580

TOEFL/IELTS/DUOLINGO/PTE

The Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), Duolingo or

Applicants with degrees from institutions in the following countries qualify for an exemption of the English proficiency requireme

Antigua and Barbuda

Australia (including island territories - Norfolk Island, Christmas Island, and the Cocos Islands)

Bahamas

Barbados

Belize

Canada

Cook Islands

Dominica

Federated State of Micronesia

Ghana

Grenada

Guyana

Ireland, Republic of

Jamaica

Kenya

Liberia

New Zealand (including the island territory of Tokelau)

Niue

Nigeria

Republic of Fiji

Republic of the Marshall Islands

Republic of Palau

Philippines

Saint Kitts and Nevis

Saint Lucia

Saint Helena

South Africa

St. Vincent and the Grenadines

Trinidad and Tobago

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The NJIT Budget Model Redesign Project
The NJIT Budget Model Redesign Project
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Mission

The budget model redesign project will establish a new incentive- and resource-allocation based budget methodology that is de

The new model, which will be collaboratively developed with broad representation will improve budget transparency and foster l

Guiding Principles and Goals

Align revenues and expenditures with college and unit-level operations and our institutional strategic priorities.

Incentivize resource growth and fiscal stewardship.

Distribute resources using a predictable and clear simple methodology that allows for multi-year planning.

Anticipated Outcomes and Activities:

Start budget development with anticipated revenues and build unit-level expense targets accordingly with unit-level discretionary

Improved forecasting and multi-year budgeting.

Improved data-modeling for new and continuing enrollments by college.

Align revenues and spending now and in the future with a multi-year fiscal sustainability plan.

Budget Model Development Status and Communication Plan:

Spring 2023:

Budget Model Working Groups meet throughout the Spring semester to develop the key elements of the new Budget Model.

Communication Plan:

Executive Budget Committee Alignment Meeting - 8/24/23

- Present the budget model that was developed through the Budget Model working group to the Executive Budget Committee M

Budget Model Working Group - 8/29/23

- Present revisions to the Budget Model based on feedback from the Executive Team

President's Council Meeting – 9/20/23

- Overview of the Budget Model Framework and Panel Style Q&A

Audit and Finance Committee - 9/21/2023

- Overview of Budget Model Framework

Budget Managers Advisory Group - 10/18/2023

- Overview of Budget Model Framework

University Senate Committee on Finances - 10/19/2023

- Overview of Budget Model Framework

Faculty Senate Meeting - 10/24/2023

- Overview of Budget Model Framework

Deans Meeting - 11/09/2023
- Overview of the new Budget Model
College Budget Model "Deep Dives":
NCE - 12/6/2023
CSLA - 12/13/2023
HCAD - 12/14/2023
YWCC - 12/20/2023
MTSM - 12/21/2023
Academic Leadership Committee - 1/10/2023
Support Centers Budget Model "Deep Dives":
REDCO/Facilities - 3/11/2024
General Support - 3/18/2024, 4/9/2024 and 5/28/2024
Student Support - 4/15/2024 and 5/13/2024
Research Support - 6/3/2024
Development & Alumni Relations - 6/4/2024
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Fall 2024
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our voices now we raise,
Our gratitude we demonstrate,
Her steady voice we praise.
Her challenge on us never fails,
a world of knowledge calls.
In heart and mind,
our trust we'll bind
to our NJIT.
We'll hold her memory ever dear,
Her spirit we'll revere.
To her we'll promise loyalty,
our own NJIT.

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1923

Tune: "Grandfather's Clock"

Lyrics by J.P. Wludyka '23 and M. Kosches '24

It was there on the hill, where our college was built,
And it stood there since 1884,
For her colors are blue like the skies high above,
And the gold like the radiant sun.
Alma Mater we love thee and the ground whereon you stand,
You are always our glory and pride,

And the C. of E. shall always be the pride of eternity.

1930

James C. Peet

Hail! Dear old N.C.E., bow to her call;

For men who are leaders do answer her roll.

With voices resounding we'll sing of her glory,

The pride that we feel at the sound of her name.

Alma Mater, we praise thee, the ground whereon you stand,

Since eighteen hundred eighty-four, o'erlooking the land.

We'll always stand by you, to you we pledge our might;

Here do we give our all for the crimson and white.

1961

Professor Emeritus Frederick P. Fernsler

To Alma Mater fair,

Our voices now we raise;

Our thanks to her we share;

Her steady torch we praise—

Her light of challenge on us falls;

A building world of Science calls.

Mindful too that we must heed

Inner vision's greatest need,

She gave us purpose richly filled

With precept wisdom-pearled;

That we must love, as well as build

A human, feeling world.

Refrain

Alma Mater, Alma Mater,

To thee we tribute bring,

Newark College of Engineering,

To thee in trust we cling.

Revered, enshrined in heart and mind,

Thou our loyalty ever bind.

1978

Music by Professor James N. Wise

Lyrics by Frederick Fernsler

To Alma Mater fair and great

Our voices now we raise;

Our gratitude we demonstrate,

Her steady torch we praise.

Her challenge on us ever falls;

A world of knowledge calls.

In heart and mind

Our trust we'll bind

To our NJIT

We'll hold her memory ever dear

Her spirit we'll revere.

To her we promise loyalty

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What training is available for Streamlyne?
Training manuals and pre-recorded training videos are available on the
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.
For a 1-1 training session, please contact your respective college research representative. A complete list of those resources can be found [here](#).

.
How will the key personnel become notified when they are required to approve Streamlyne documents?
The key personnel will receive a notification through email and via their Action List on the Streamlyne Portal Index page.
How often will faculty members receive an email for the sign-off process?
The department chair, college dean and the college division chief will be notified by email only once during the proposal sign-off process.
If the PI chooses not to receive future requests, he/she will not be notified via email. The approval will also be acknowledged upon completion.
Would I be able to make a copy of my proposal or protocol?
Yes, both the Pre-Award and Compliance modules include the 'Copy to New Document' functionality in order to copy both Proposals and Compliance documents.

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As one of the nation's preeminent polytechnic institutions, NJIT is often ranked highly in independent university assessments, p

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[NJIT is committed to complying with applicable U.S. laws and regulations pertaining to exports of items, services and technology](#)

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[Export Controls are federal laws that govern the export, shipment, transmission, transfer, or sharing from the U.S. to foreign countries](#)

[NJIT provides a teaching and research environment dedicated to the free exchange of ideas both within the NJIT community and with the world](#)

[Many of the teaching and research activities at NJIT are excluded from the export control regulations through the fundamental research exemption](#)

[Work in the following areas is considered high risk:](#)

[Engineering](#)

[Space sciences](#)

[Computer Science](#)

[Biomedical research with lasers](#)

[Research with encrypted software](#)

[Research with controlled chemicals, biological agents, and toxins](#)

[Examples of controlled goods, technology, and software \(list is not all-inclusive\):](#)

[Toxicological agents](#)

Nuclear materials and technology
Lasers and Sensors
Night vision equipment
Select agents (and other pathogens)
Arms and ammunition
Explosives Detection Equipment
Chemical warfare precursors
Semiconductors and microprocessors
Telecommunications and encryption software
Missile technology
Navigation and avionics
Marine vessels
GPS technology
Countermeasure technology for controlled goods
Endangered Species
Body armor and protective gear
Fingerprint and identification retrieval
Oscilloscopes
Gas centrifuges
Mass Spectrometers
High strength materials

For the purpose of export controls, the following are considered exports:

Transfer of controlled items or information to people or entities outside the U.S, whether through physical means (e.g. shipment)

Verbal, written, electronic, and/or visual disclosures of controlled information to foreign nationals inside the U.S. (referred to as a

Training or offering of services involving controlled equipment or information to foreign nationals.

Transactions with, or providing services to, certain foreign countries or individuals who are on embargo lists.■

There are different sets of regulations depending on the kind of export involved. These include the following:

The

Export Administration Regulations
(EAR)

, administered by the Department of Commerce, regulates items that have a dual purpose, meaning both commercial and milita

Export Administration Regulation website

.

The

International Traffic in Arms Regulations (ITAR)

, administered by the Department of the State, regulates munitions or defense articles and services (e.g. ammunition, ballistics,

Directorate of Defense Trade Controls

.

The

Office of the Foreign Asset Control (OFAC)

of the Department of the Treasury provides regulations on trade sanctions, embargoes and travel restrictions in designated cou

Resources

section of the

OFAC website

for additional guidance.

NJIT researchers must contact the NJIT Office of Research if a research project involves any of the following:

Shipping/exporting controlled materials, supplies, or samples to other countries.

Sharing information disclosed under confidentiality agreements with foreign persons, including students, staff, and faculty.

Carrying controlled materials, samples, or GPS equipment in checked or carry-on luggage on foreign travel.

Collaborating with a researcher or institution outside of the U.S., especially when that collaboration involves individuals or institu

Traveling outside of the United States on university business with NJIT equipment or with high tech equipment, confidential, unp

Traveling outside of the United States to a country/region with comprehensive sanctions. Currently, these include: Crimea Regio

Hosting foreign persons from sanctioned or embargoed countries or taking them to NJIT labs.

Performing work under an RFP/Agreement/Contract that is marked "Export Controlled" or includes export control provisions.

Exchanging unpublished research results or data with foreign persons located overseas or in the US by any means, including e

Training a foreign person in the design, development, use, or testing of controlled equipment.

Using third party export-controlled technology or information.

Providing professional consulting services overseas, especially to embargoed or sanctioned countries.

Being involved in a project/research related to military; space-related information; nuclear, chemical, and/or biological weaponry

You have reasons to believe a violation of export control laws or regulations has occurred.

Finding a list of export-controlled items:

The lists of controlled items and technology are extensive. The lists are dependent on the regulatory framework that describe the

Regulation

List

Citation

Export Administration Regulations

Commerce Control List

15 C.F.R. § 774

International Traffic in Arms Regulations

U.S. Munitions List

22 C.F.R. § 121

Nuclear Regulatory Commission

Export and Import of Nuclear Equipment and Material

10 C.F.R. § 110.8-9a

Assistance to Foreign Atomic Energy Activities

Special Nuclear Materials

10 C.F.R. § 810

Other Export Controls Resources:

National Institute of Health(NIH)

Financial Conflicts of Interests and Foreign Components

National Science Foundation (NSF)

Research Protection

Executive Office of the President (OSTP)

Letter to the Research Community

US Dept. of Energy

Foreign Government Talent Recruitment Programs

and

International Science and Technology Engagement Policy

Under Secretary of Defense

Letter for Universities

University Compliance Collaboration

Compliance with the export regulations is a

shared responsibility

and all individuals at NJIT are expected to strictly adhere to all requirements. The Office of Research reviews all export control r

Export control inquiries can be directed to

Raju Tamot

, Assistant Director, Research Integrity and Compliance, at

raju.k.tamot@njit.edu

or

Eric Hetherington

, the Executive Director of Sponsored Research Programs Administration, at

erich@njit.edu

.

Reminder:

Cloud-based videoconferencing systems such as BlueJeans are not Export Controls compliant!

NJIT researchers should not discuss or share export controlled data or technology (including screenshots, screenshares, recordings)

Page: <https://www.njit.edu/admissions/how-we-evaluate-applicants>

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Academic Preparation

All first-year students who apply to NJIT must submit an official high school transcript. When evaluating your application for undergraduate admission, we consider the GPA that is indicated on your high school transcript. We generally look for students in the top 25% of their high school class. Participating in rigorous curricula, such as Advanced Placement (AP) or International Baccalaureate (IB) classes, can give you an edge. To receive AP credit, have your official AP score report sent from The College Board to NJIT.

Standardized Test Policy

Test-Optional Admission Policy for Spring 2025 and Fall 2025

First-year students applying to NJIT for Spring 2025 and Fall 2025 can choose to not submit SAT and/or ACT scores. This does not mean we are not considering your application. Our test-optional admissions policy was implemented in response to the scheduling challenges faced by many high school students during the COVID-19 pandemic. Students who have taken the SAT or ACT are encouraged to submit test scores to be considered for endowed scholarships when available.

Standardized Test Scores and Information

Average composite SAT score for our enrolling first-year class is 1285 (Math and Critical Reading).

Average ACT score for our enrolling first-year class is 26.

Submitting Scores

We will consider either the SAT or ACT and use the highest scores provided, even if they are not from your most recent testing.

We recommend you send us all of your official scores as soon as possible, or no later than the time you test, to avoid missing a deadline.

SAT school code: 2513

ACT school code: 2580

Personal Essay

Included in the Common Application is an essay. The purpose of the essay is to assess your writing ability and, more importantly, to learn more about you as a person.

Letter of Recommendation

Counselors and teachers provide an external perspective about you as a person and applicant to NJIT. We expect you to provide at least one letter of recommendation.

Portfolio

Undergraduate applicants interested in Architecture, Digital Design, Industrial Design and Interior Design majors are required to submit a portfolio. Visit our website [here](#) for more information.

Learn more about the application process

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Our Mission:

To serve the university by transforming data into actionable knowledge.

Our Objectives are to:

Empower university stakeholders to make data-informed decisions

Cultivate a university-wide culture of planning

Undertake applied research and projects in support of institutional decision making

Facilitate continuous improvement of the institution and the student experience

Evaluate stakeholders' views and experiences through university-wide surveys

Ensure comprehensive governance of university data

Oversee accurate and consistent reporting of university data and metrics

Manage the relationships between the university and its accrediting organization

Question or Data Request

For questions or requests related to institutional accreditation, assessment, surveys, grant support or data requests for users ou

OIE data request form

.

Administrators, faculty, and staff with an NJIT email can submit a request for data, reports, or dashboards through this ServiceNow form

. ServiceNow is the university's knowledge portal and centralized resource for digital campus services.

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What is IACUC?
The Institutional Animal Care and Use Committee (IACUC) provides oversight of all projects involving animals and is responsible for ensuring that all research involving animals is conducted in accordance with federal and state regulations.
Where can I obtain information regarding the use of animals in my research?
Animal use on the NJIT campus is currently managed by Rutgers, the State University. For full information, go to:
<http://www.njit.edu/research/compliance/animal-care.php>
.

Page: <https://www.njit.edu/admissions/graduate-faqs>

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[How long will it take to process my application?](#)

Your application will be reviewed as soon as all required documents are received by the Admissions Office.

[Will NJIT accept unofficial copies of my transcripts or documents?](#)

NJIT will accept unofficial copies of any required documents needed to complete your application. Admitted students are expected to provide official documents.

[Can I apply to several degree programs at the same time?](#)

No, applicants can apply to one degree program only.

[How can I find out the status of my application?](#)

Students are able to check the status of their application online via the application portal. Go to connect.njit.edu/apply/.

[Can you tell me if I have been accepted over the phone?](#)

Admission decisions cannot be released over the phone because we cannot verify the identity of the caller. All admission decisions are made by the Admissions Office.

[What are the policies on changing from one program to another?](#)

Students can apply for a department transfer after completing one full year in their enrolled program by submitting a formal application to the Admissions Office.

[Can I take courses before being admitted into a graduate program?](#)

Students are permitted to register for up to 9 credits of non-matriculated coursework with the written approval of the academic department.

[Can I authorize a friend to be responsible for my application process?](#)

You can have a friend inquire about missing documentation. However, admission decisions are provided directly to the applicant.

[Test Scores](#)

[What are the TOEFL, IELTS, Duolingo, PTE, GRE and GMAT requirements?](#)

The minimum TOEFL score requirement is 79 (Internet-Based), 550 (Paper-Based) or 213 (Computer-Based). The minimum IELTS score is 6.5. The minimum Duolingo score is 105. The minimum PTE score is 59. The minimum GRE score is 310. The minimum GMAT score is 650.

The individual academic departments determine the required GRE and GMAT scores. You can learn more [here](#).

We encourage those students who have taken the test to submit scores.

[How can I receive more information about the TOEFL, IELTS, Duolingo, PTE, GRE and GMAT exams?](#)

[GRE Information -](#)

www.gre.org

[GMAT Information -](#)

www.gmat.com

[TOEFL Information -](#)

www.toefl.org

[IELTS information -](#)

www.ielts.org

[Duolingo -](#)

www.duolingo.com

[PTE -](#)

www.pearsonpte.com

[Financial Aid](#)

[How do I apply for financial aid?](#)

All applicants are automatically considered for financial support by the academic department at the time of admission. There is no separate application for financial aid.

[What are other forms of financial assistantships available at NJIT?](#)

Limited graduate assistantships are available through the Office of Graduate Studies annually to enrolled students. Please feel free to contact the Office of Graduate Studies for more information.

[International Students](#)

[When will I receive my I-20?](#)

Visa eligibility forms are released once a student has been formally admitted to NJIT and has submitted appropriate financial documentation.

[Can I receive my I-20 electronically?](#)

Yes, your I-20 will be e-mailed to you after you have been admitted to NJIT and your appropriate financial documentation has been received.

[Fill out an online application today!](#)

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[Download a brochure and learn about NJIT](#)

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OIE designs and manages institutional surveys independently and collaborates and coordinates institutional survey research with campus partners. Every semester, the survey endeavors are on a set schedule

but with the flexibility to react to shifting priorities. Use the following tabs to navigate our survey research topics. Each section provides a link to njitsurvey@njit.edu

. For more information, please refer to the

[NJIT Survey Policy](#)

for detailed guidelines and procedures.

[Student Experience & Engagement](#)

This section focuses on various topics about students' on-campus experiences at NJIT.

[Learn More](#)

[Alumni Experience](#)

This section provides information about NJIT graduating and graduated students' experiences, employer preferences, and perceptions.

[Learn More](#)

[Faculty & Staff Experience](#)

This section provides faculty and staff experience, perception, and expectations on campus.

[Learn More](#)

[Course Evaluation](#)

Every semester, we conduct the Course Evaluations survey to collect students' feedback on each course's knowledge value and learning outcomes.

[Learn More](#)

[Program & College Focused](#)

This section presents our survey research endeavors supporting campus partners to meet their mission and goals.

[Learn More](#)

[Institutional Initiatives](#)

In response to institutional initiatives, OIE collaborates with campus partners to develop surveys to shed light on the NJIT community.

[Learn More](#)

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The Educational Opportunity Program Survey provides students' experiences regarding the EOP summer program. This survey is administered annually.
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General Education Requirement (GER) Survey
NJIT is dedicated to improving student educational experience. The GER survey sheds light on how students self-assess their academic and social experiences.
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140+ student organizations provide you with opportunities to join, lead and expand your horizons, make friends and have fun.

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Fraternity & Sorority Life provides opportunities for personal and professional development, civic engagement, and academic enrichment.

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[Commuter Resources](#)

Addressing the needs of commuter students, providing resources, and opportunities for engagement in campus life.

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Enhancing campus engagement and school pride through annual events and traditions.

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[NJIT Food Pantry](#)

Accessing food is not something any student should have to worry about.

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[Our Mission](#)

The Office for Student Involvement and Leadership enhances the student experience at NJIT by providing opportunities for student involvement.

[Our Vision](#)

Students will be empowered to be leaders in the global community through our advisement, advocacy, annual programs, and student organizations.

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For the most up-to-date event information, student organization highlights, and chances to win NJIT gear, Follow US on

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-

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Student Involvement is located on the 4th floor of the Campus Center in Campus Center 485 and 485B.

Email:

studentinvolvement@njit.edu

Main Office:

(973) 596-3693
Aguilar, Krystal
Assistant Director, Student Involvement & Leadership
[View Profile](#)
Costantino, Brittany
Associate Director of Fraternity & Sorority Life
[View Profile](#)
Cruz, Ricky
Coordinator, Student Involvement & Leadership
[View Profile](#)
Davis, Michael
Director of Student Life
[View Profile](#)
Hernandez, Carrie
Administrative Assistant II, Campus Life
[View Profile](#)
Ramos, Aolani
Assistant Director, Fraternity & Sorority Life
[View Profile](#)
Waffenfeld, Daniel
Assistant Director of Operations, Student Involvement & Leadership
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Couple that with NJIT's location in the fun City of Newark and your list of "Things To Do" just doubled!

Newark is a diverse city filled with restaurants, shops, galleries and more than 30,000 college students. Getting Around Town N

A few places to check out in Newark

Hahne & Company Building is a restored historic landmark featuring arts and a cultural center, as well as retail space. It is home

Branch Brook Park

is the nation's first county park spanning 6-acres and was used as a campsite for General Washington's army during the Revolu

The

Ironbound District

is known for its great Portuguese restaurants and local shops. The Ironbound District is home to over 570 businesses and 170 r

Prudential Center

is home to the New Jersey Devils, a professional NHL ice hockey team and is also the epicenter for concerts and events. "The I

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, NJ.

Is Major League Soccer your passion?

Red Bull Stadium

, home of the NJ Red Bulls, in Harrison is 3 miles from campus.

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Campus Wide Notification System

The Campus-Wide Notification System (CWNS) allows NJIT to communicate important information on an expedited basis with s

The CWNS complements other communication channels such as broadcast emails, the NJIT website, postings across campus,

NJIT students, faculty and staff can opt to participate in the system by providing phone numbers and email addresses to which t

All contact info in the CWNS is confidential and will not be shared with other NJIT offices or third-parties, except when respondi

For more information contact the IST HelpDesk at 973-596-2900. In case of an emergency call the Department of Public Safety

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%PDF-1.4■

%■■■■■■■

1 0 obj■

<<■

/OutputIntents [<<■

/DestOutputProfile 2 0 R■

/S /GTS_PDFa1■

/Info (sRGB IEC61966-2.1)■

/RegistryName ()■

/OutputCondition ()■

/Type /OutputIntent■

/OutputConditionIdentifier (Custom)■

>>■

]■

/ViewerPreferences 3 0 R■

/Type /Catalog■

/PageLayout /OneColumn■

/Pages 4 0 R■

/PageMode /UseNone■

>>■

■

endobj■

4 0 obj■

<<■

/Type /Pages■

/Count 6■

/Kids [5 0 R 6 0 R 7 0 R 8 0 R 9 0 R 10 0 R]■

>>■

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endobj■

5 0 obj■

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/Type /Page
/Contents [11 0 R]
/Parent 4 0 R
/Resources <<
/XObject <<
/WnvPdf_kikfjpmldgkegbpbboncmncnokeaom 12 0 R
>>
/ProcSet [/PDF /Text /ImageC]
>>
endobj
11 0 obj
<<
/Filter /FlateDecode
/Length 138
>>
stream
x^] = 0 H / @ pH ` H V % - z Q a X 6 4 7 : H R C _ 0 h z _ )
* b D \ L . ~ | v u K p + ^ ~ ~ \ L . 9 1 K q 3 /
endstream
endobj
3 0 obj
<<
/HideWindowUI false
/CenterWindow false
/NonFullScreenBehavior /UseNone
/DisplayDocTitle false
/HideMenubar false
/FitWindow false
/HideToolbar false
>>
endobj
13 0 obj
<<
/Producer (Winnovative HTML to PDF Converter 11.18)
>>
endobj
6 0 obj
<<
/MediaBox [0.00000 0.00000 595.00000 842.00000]
/Type /Page
/Contents [14 0 R]
/Parent 4 0 R
/Resources <<
/XObject <<
/WnvPdf_mnaoepkhmanckkfhpbdocgmInpfhehbj 15 0 R
>>
/ProcSet [/PDF /Text /ImageC]
>>
endobj
```

>>■

endobj

<<■

```
/Filter /FlateDecode
```

>>■

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```
/ProcSet [/PDF /Text /ImageC]■
```


>>■

■

endobj❑

<<■

/Length 138■

stream■

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endstream■

endobj

<<■

/Type /Page■

/Parent 4 0 R■

/XObject <<■

>>■


```
/ProcSet [/PDF /Text /ImageC]■
```



>>■

endobj



```
/Filter /FlateDecode
```

>>■

stream■

endstream■

endobj
9 0 obj
<<
/MediaBox [0.00000 0.00000 595.00000 842.00000]
/Type /Page
/Contents [20 0 R]
/Parent 4 0 R
/Resources <<
/XObject <<
/WnvPdf_lcgnonodmeifkfgnogmpdienclmoabhm 21 0 R
>>
>>

/ProcSet [/PDF /Text /ImageC]
>>
>>

endobj
20 0 obj
<<
/Filter /FlateDecode
/Length 135
>>
stream

x^]K!D\$}>{](q2/!Q{zE V+= "X@Dc#c(#l+gc#d%O)%
endstream

endobj
10 0 obj
<<
/MediaBox [0.00000 0.00000 595.00000 842.00000]
/Type /Page
/Contents [22 0 R]
/Parent 4 0 R
/Resources <<
/XObject <<
/WnvPdf_aaggkngpikldgjpkanhpiebocklm 23 0 R
>>
>>

/ProcSet [/PDF /Text /ImageC]
>>
>>

endobj
22 0 obj
<<
/Filter /FlateDecode
/Length 134
>>
stream

x^]10EH O:i"%{P&*!#=A%?}m|N^EE;hjj4!W5
endstream

endobj
12 0 obj
<<
/Type /XObject
/Length 1057
>>

```
/Resources <<
/Font <<
/VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq 24 0 R
/VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj 25 0 R
/JOKLNO+Verdana 26 0 R
/AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq 27 0 R
/VUNLIM+Verdana-Bold 28 0 R
>>
/XObject <<
/WnvPdf_ahjohggnbhdokojnaikkbhldmcnkcog 29 0 R
>>
/ProcSet [/PDF /Text /ImageC]
>>
/Subtype /Form
/Filter /FlateDecode
/BBBox [0.00000 0.00000 1024.00000 4643.00000]
/Name /WnvPdf_kikfjpmlpidgkegbpbboncmncnokeaom
>>
stream
x^XrH-nr(B@~Qq ?*Hy+c;dUq=::%{$xj{GdNZJ
C'yr?~K?RDKUrv.V.O%Wb_i} D9Kp*S.h. >V#ScK
m_|[ @f _x xNL$b if 7;r A'8*WC dD Zre
. <` [N48p iF Q N?:lD xT ^?/t) ? 3\I<@ P M[G]h
TM34m 2t}*Z12c -u y F! \} S| ^A Up{ $=] _?+ ]0+ _c c T c oo
endstream
endobj
15 0 obj
<<
/Type /XObject
/Length 1359
/Resources <<
/ProcSet [/PDF /Text /ImageC]
/Font <<
/VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq 24 0 R
/VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj 25 0 R
/JOKLNO+Verdana 26 0 R
/AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq 27 0 R
/VUNLIM+Verdana-Bold 28 0 R
>>
>>
/Subtype /Form
/Filter /FlateDecode
/BBBox [0.00000 0.00000 1024.00000 4643.00000]
/Name /WnvPdf_mnaoepkhmanckkfhpbdocgmInpfhebj
>>
stream
x^ZnF"o*i}kZP S uR Q cA X/M~ W^Gb J H g ;C ] Ly
E! YC b s: | < 2, > | f J3 4(.5 h - -{ " [V >AqY Tf9 r" ~ Xi{6
endstream
endobj
17 0 obj
<<
```

```
/Type /XObject
/Length 1433
/Resources <<
/ProcSet [/PDF /Text /ImageC]
/Font <<
/VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq 24 0 R
/VUNLIM+f14xongg-co5-e5d-2wmqtcsgrmumj 25 0 R
/JOKLNO+Verdana 26 0 R
/AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq 27 0 R
/VUNLIM+Verdana-Bold 28 0 R
>>
>>
>>
/Subtype /Form
/Filter /FlateDecode
/BBBox [0.00000 0.00000 1024.00000 4643.00000]
/Name /WnvPdf_dbikfjojlepkajpadgfhbmicmkajjgl
>>
stream
x^ZnDUB0w,0W`..njjR"x"Ü]O:mX}7gfIwii0
\bhp,5(HXh>(ãa"?[9Zr"R\|i~%]nsv eWX
8Q
nn.f=Hb>b\^O7TUjoGTD#5t#9-4*&~.,2*MCO]hD"t
C V Q, +X2+ Cp p9;.|reM E fYj:vS KE}]*: $
6 p K-{7& >.!] aqQ t0~c42)6 C9 G=c @L4K W K[[
gQ J2*Zv TtV %eU e%M d) Zn( R" Q, \C" r*, ~!x} D h X m
(
endstream
endobj
19 0 obj
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/Length 1853
/Resources <<
/ProcSet [/PDF /Text /ImageC]
/Font <<
/VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq 24 0 R
/VUNLIM+f14xongg-co5-e5d-2wmqtcsgrmumj 25 0 R
/AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq 27 0 R
/VUNLIM+Verdana-Bold 28 0 R
>>
>>
>>
/Subtype /Form
/Filter /FlateDecode
/BBBox [0.00000 0.00000 1024.00000 4643.00000]
/Name /WnvPdf_mcbceokblcedkcpkpmjjolbbjlnakage
>>
stream
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K S0 $) bb aN rw(( V E ^ ~ } dw Y ` ' { b % 1 P E upN
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e C op r KB p K ! g v 2 v P 6 l * ] O * M E j !
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T!JE!Y!G!T!4v!P%!2)!w!J![!F!f?!-[!t!5V_Z!PS!d
P*!*
>
>
>>
/Subtype /Form
/Filter /FlateDecode
/BBox [0.00000 0.00000 1024.00000 4643.00000]
/Name /WnvPdf_lcgnonodmeifkfgnogmpdienclmoabhm
>>
stream
x^Mo0#q3;1iK4
W0DZψ!T?6%t=mUml~M!P!UZ!V{(\x?3z!c
-!uU!f!.\$!c%b^!4!q!U!;W!1!j!%!w!@ L!lc!`!G;!9y!W!
!'9!m!Ξ?!ns!@!;0!Pavm!|!(m!#!dJ!dN!d!A!|x!O!ai!k!
endstream
endobj
23 0 obj
<<
/Type /XObject
/Length 1822
/Resources <<
/ProcSet [/PDF /Text /ImageC]
/Font <<
/VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq 24 0 R
/VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj 25 0 R
/JOKLNO+Verdana 26 0 R
/AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq 27 0 R
/VUNLIM+Verdana-Bold 28 0 R
>>
>>
>>
/Subtype /Form
/Filter /FlateDecode
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/Name /WnvPdf_aaggkngpikldgjpkanhpiebocklm
>>
stream
x^!OsD!qg!6!7
8!v!3>!&v!N!3!x!db'!z!|!{!kYv7MT!M!}!6!9!KN=!x!v!
!{!|P!5!#8!~H!+%!A!j!8!>!Gg!#!9!b!z!2!&]
!E!3!@!<!`!S,![W!4!):o!}!8+!y?!2!J!#!e!f!&q!>=!A!o!^!B!=!F
!%o!N!v!AZ!O!ø!w!&!WY"!U39a5u!B!l.@!?!C!]!z!z!#![t!9!)!
!U
!C2!{!S!,!v!e!g:!i!t!E! !U.!(U0!m!p!M!~!R!,!G!A!N!F?!q!*
endstream
endobj
28 0 obj
<<
/Name /VUNLIM+Verdana-Bold
/Type /Font
/Subtype /Type0

```
/BaseFont /VUNLIM+Verdana-Bold
/Encoding /Identity-H
/ToUnicode 30 0 R
/DescendantFonts [31 0 R]
>>
endobj
24 0 obj
<<
/Name /VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq
/Type /Font
/Subtype /Type0
/BaseFont /VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq
/Encoding /Identity-H
/ToUnicode 32 0 R
/DescendantFonts [33 0 R]
>>
endobj
25 0 obj
<<
/Name /VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj
/Type /Font
/Subtype /Type0
/BaseFont /VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj
/Encoding /Identity-H
/ToUnicode 34 0 R
/DescendantFonts [35 0 R]
>>
endobj
27 0 obj
<<
/Name /AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq
/Type /Font
/Subtype /Type0
/BaseFont /AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq
/Encoding /Identity-H
/ToUnicode 36 0 R
/DescendantFonts [37 0 R]
>>
endobj
29 0 obj
<<
/Length 5399
/BitsPerComponent 8
/Type /XObject
/Width 151
/Decode [.00 1.00 .00 1.00 .00 1.00]
/SMask 38 0 R
/Name /WnvPdf_ahjohggnbhdokojnaikkbhldmcnkcog
/ColorSpace /DeviceRGB
/Subtype /Image
/Filter /DCTDecode
/Height 61
>>
stream
JJFIF`C
```

```

=====
}!1A■Qa■"q■2■#B■R■$3br■
%&'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxz
w■!1■AQ■aq■"2■B■#3R■br■
$4■%■&'()*56789:CDEFGHIJSTUVWXYZcdefghijstuvwxz
■+■A<■

```

■v■■■
m4■■■■w■■■■■■■■Yxb/■■■i■^■■■■[■]■■■21o ■■■■■■l■■■■k■■■■■■■■H■■■a■■■E■tf■■■s■■■+■+U■■■a■95
l■■■■■■■■TQ^■

■■MS■■■■■■■■■■e■■■q2■■■■S}■b■■■Wk■■■■%■QE■■■■QE'x'■■■=-?n■■■o■■■_#H6■fe■\H{#nxv■#■N■■■Q^■■■
 %■■■o■■■"■■■■■■■■■■ul■■■■h■v■S■■■■O■■■■G|'■■■`■/■■■k■/■t?■■■V■■■_f■■■%■■■F■■■'■■■■ox■■■
 ■■■■■G■■■M■Kc■■■6■2■■■\$■v■■■nFv■<■o■|T■w■■■■Lib■6■■■o/■&■A■■■■\■■■■■■■■■■■h*■+■\$■■■8■■■
 (■■■B(■■■■■|x■.■■■K■■■g■■■3■■■s*■■■?■■■6■■■■■■■■.■i■■■gL■n■■■■■■■■■■■■■■■■■■■■■■Gm■■■■i■■■s■n■■■
 ■;■■■U+■■■?|3■■■;■2■7■#2K■J&■■■■■■■■■■rF■\$■■■1■vV■■■vp■ZA■■■■k■0■■■4Q■UQ■■■■■+■■■■■■■■■■Y(%■■■
 ■b■r:■■■Ww■Gn]■■■aRxe^8Z|■■■H■■■5d■■■it■z/C■■■/■■■■xw■Z■■■g{■■■?■■■m■■■■+8■■■n2G=■■■;■+k{;8m-■■■
 ■■■■■9.■■■■0|@■■■'■■■■■■■■5■GB=■■■K#■■■.■■■■H>pU■■■■h■■■54sOkQC■r■■■■■■■■x■■■%■■■■k■■■
 x■■■5■-■■■]:kk[■■■=■4■gPQ■■■■■■■■■■■■■■■■■■■■T■kl'■■■}■■■pE■N6■■■E■■■s4■■■■■■■■■■■■■■■■■■■■T■■■■uk■■■>O.■■■{■■■
 ■■■l`■■■V#■■■■>^5■■■■Kq■■■

```
i[m]S1:1`||3Mk[h]tO1#####  
^U#####Z_L6#####C_y[~o#####4]:[K]o[w]v[p]nQE#1Q<  
T]#####O:::~/x######mPK[i]H|<#####HP>qR[k]  
p_U#####1km}kq*kg#####X[d{jv[n]#####/Y#7Am1$nf.rp  
1W#aW|i~>k#####y3~'a~(fv[p@i]ic%#####o~#|d[jwR`L`#####$  
endstream
```

```

■
endobj■
38 0 obj■

```

```
<<■
/Length 1294■
/BitsPerComponent 8■
/Type /XObject■
/Width 151■
```

```

/Subtype /Image
/Name /WnvPdf_imnccbneokgkfkabbihaholankmhbbi
/ColorSpace /DeviceGray
/Filter /FlateDecode
/Height 61

```

```
>> stream
```

```

endobj
26 0 obj

```

```
<<■  
/Name /JOKLNO+Verdana■  
/Type /Font■  
/Subtype /Type0■  
/BaseFont /JOKLNO+Verdana■  
/Encoding /Identity-H■
```

```
/ToUnicode 39 0 R
/DescendantFonts [40 0 R]
>>
endobj
2 0 obj
<<
/N 3
/Filter /FlateDecode
/Length 2537
>>
stream
x^gTS7P: {^E)lP QEDpX`w"8XK7Y3p o r 9(
c $ g b H i b i b Qb 6(b91'- 1 $fv: -b 3 l1 xs #b O 9
/ p> \o 0 ~ " ! "tD 1D + D# Y UH 5D
= ! $ ~ M ! B ) jB < . % HT' \ : b5 " q D ! \ 1 $ i + % L & ; f 9
m 6#C 9)# #tm 7= ^N?J U u n m S s g o R W R U p^
; 1 T 0 4 ? : % < N n 7 2 & . 9 ] . - " B i : J B 7 ; = } Y
W b o eug D ? S j F x CN ] \ cy y + v j k U o Z $ j h : u
endstream
endobj
30 0 obj
<<
/Length 766
>>
stream
/CIDInit /ProcSet findresource begin
12 dict begin
begincmap
/CIDSystemInfo << /Registry (Adobe)/Ordering (UCS)/Supplement 0>> def
/CMapName /Adobe-Identity-UCS def
/CMapType 2 def
1 begincodespacerange
<0003><0057>
endcodespacerange
23 beginbfrange
<0003><0003><00A0>
<000B><000B><0028>
<000C><000C><0029>
<0011><0011><002E>
<0013><0013><0030>
<0014><0014><0031>
<0015><0015><0032>
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<0017><0017><0034>
<0018><0018><0035>
<0019><0019><0036>
<001A><001A><0037>
<001B><001B><0038>
<001C><001C><0039>
<0036><0036><0053>
<0046><0046><0063>
<0048><0048><0065>
<004C><004C><0069>
<004F><004F><006C>
<0051><0051><006E>
<0052><0052><006F>
<0053><0053><0070>
```

```
<0057><0057><0074>
endbfrange
endcmap
CMapName currentdict /CMap defineresource pop
end end
endstream
endobj
31 0 obj
<<
/W [3 [341] 11 [543 543] 17 [361] 19 [710 710 710 710 710 710 710 710 710 710] 54 [710] 70 [588] 72 [664] 76 [341] 79 [341] 8
/FontDescriptor 41 0 R
/Type /Font
/Subtype /CIDFontType2
/BaseFont /VUNLIM+Verdana-Bold
/CIDToGIDMap /Identity
/CIDSystemInfo <<
/Ordering (Identity)
/Supplement 0
/Registry (Adobe)
>>
/DW 1000
>>
endobj
32 0 obj
<<
/Length 1184
>>
stream
/CIDInit /ProcSet findresource begin
12 dict begin
begincmap
/CIDSystemInfo << /Registry (Adobe)/Ordering (UCS)/Supplement 0>> def
/CMapName /Adobe-Identity-UCS def
/CMapType 2 def
1 begincodespacerange
<0001><00d7>
endcodespacerange
45 beginbfrange
<0001><0001><0041>
<000A><000A><0043>
<000C><000C><0044>
<000E><000E><0045>
<0013><0013><0046>
<0015><0015><0048>
<0016><0016><0049>
<001E><001E><004D>
<0021><0021><004F>
<0029><0029><0050>
<002C><002C><0052>
<002D><002D><0053>
<002E><002E><0054>
<0035><0035><0057>
<003B><003B><0061>
<0043><0043><0062>
<0044><0044><0063>
```



```
<0046><0046><0064>
<0048><0048><0065>
<004D><004D><0066>
<004E><004E><0067>
<004F><004F><0068>
<0050><0050><0069>
<0059><0059><006B>
<005A><005A><006C>
<005B><005B><006D>
<005C><005C><006E>
<005E><005E><006F>
<0066><0066><0070>
<0069><0069><0072>
<006A><006A><0073>
<006C><006C><0074>
<006D><006D><0075>
<0072><0072><0076>
<0073><0073><0077>
<0074><0074><0078>
<0075><0075><0079>
<007F><007F><0030>
<0080><0080><0031>
<0081><0081><0032>
<00AF><00AF><002E>
<00B6><00B6><003F>
<00C0><00C0><0028>
<00C1><00C1><0029>
<00D7><00D7><0020>
endbfrange
endcmap
CMapName currentdict /CMap defineresource pop
end end
endstream
endobj
33 0 obj
<<
/W [1 [717] 10 [719] 12 [826] 14 [669] 19 [633] 21 [813 302] 30 [955] 33 [839] 41 [718] 44 [723 615 574] 53 [1111] 59 [590] 67 [
/FontDescriptor 42 0 R
/Type /Font
/Subtype /CIDFontType2
/BaseFont /VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq
/CIDToGIDMap /Identity
/CIDSystemInfo <<
/Ordering (Identity)
/Supplement 0
/Registry (Adobe)
>>
/DW 1000
>>
endobj
34 0 obj
<<
/Length 366
>>
stream
```

```

/CIDInit /ProcSet findresource begin
12 dict begin
begincmap■
/CIDSystemInfo << /Registry (Adobe)/Ordering (UCS)/Supplement 0>> def
/CMapName /Adobe-Identity-UCS def
/CMapType 2 def
1 begincodespacerange■
<0002><0003>■
endcodespacerange■
2 beginbfrange■
<0002><0002>
<0003><0003>
endbfrange
endcmap
CMapName currentdict /CMap defineresource pop
end end■
■
endstream■
■
endobj■
35 0 obj■
<<■
/W [2 [785] 3 [857]]■
/FontDescriptor 43 0 R■
/Type /Font■
/Subtype /CIDFontType2■
/BaseFont /VUNLIM+f14xongg-co5-e5d-2wmqtcsgmumj■
/CIDToGIDMap /Identity■
/CIDSystemInfo <<■
/Ordering (Identity)■
/Supplement 0■
/Registry (Adobe)■
>>■
■
/DW 1000■
>>■
■
endobj■
36 0 obj■
<<■
/Length 1374■
>>■
stream■
/CIDInit /ProcSet findresource begin
12 dict begin
begincmap■
/CIDSystemInfo << /Registry (Adobe)/Ordering (UCS)/Supplement 0>> def
/CMapName /Adobe-Identity-UCS def
/CMapType 2 def
1 begincodespacerange■
<0001><00d7>■
endcodespacerange■
55 beginbfrange■
<0001><0001><0041>
<0009><0009><0042>
<000A><000A><0043>
<000C><000C><0044>
<000E><000E><0045>
<0013><0013><0046>

```

```
<0014><0014><0047>
<0015><0015><0048>
<0016><0016><0049>
<001E><001E><004D>
<001F><001F><004E>
<0021><0021><004F>
<0029><0029><0050>
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<002D><002D><0053>
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<0037><0037><0059>
<003B><003B><0061>
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<0046><0046><0064>
<0048><0048><0065>
<004D><004D><0066>
<004E><004E><0067>
<004F><004F><0068>
<0050><0050><0069>
<0059><0059><006B>
<005A><005A><006C>
<005B><005B><006D>
<005C><005C><006E>
<005E><005E><006F>
<0066><0066><0070>
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<006A><006A><0073>
<006C><006C><0074>
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<0072><0072><0076>
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<0075><0075><0079>
<007F><007F><0030>
<0080><0080><0031>
<00AF><00AF><002E>
<00B0><00B0><002C>
<00BC><00BC><002F>
<00C0><00C0><0028>
<00C1><00C1><0029>
<00C4><00C4><005B>
<00C5><00C5><005D>
<00C6><00C6><002D>
<00CA><00CA><005F>
<00D7><00D7><0020>
endbfrange
endcmap
CMapName currentdict /CMap defineresource pop
end end■
■
endstream■
■
endobj■
37 0 obj■
<<■
```

```
/W [1 [717] 9 [754 719] 12 [826] 14 [669] 19 [633 773 813 302] 30 [955 813] 33 [839] 41 [718] 44 [723 615 574 792] 52 [698] 55]
/FontDescriptor 44 0 R
/Type /Font
/Subtype /CIDFontType2
/BaseFont /AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq
/CIDToGIDMap /Identity
/CIDSystemInfo <<
/Ordering (Identity)
/Supplement 0
/Registry (Adobe)
>>
/DW 1000
>>
endobj
39 0 obj
<<
/Length 557
>>
stream
/CIDInit /ProcSet findresource begin
12 dict begin
begincmap
/CIDSystemInfo << /Registry (Adobe)/Ordering (UCS)/Supplement 0>> def
/CMapName /Adobe-Identity-UCS def
/CMapType 2 def
1 begincodespacerange
<0003><0052>
endcodespacerange
12 beginbfrange
<0003><0003><00A0>
<0014><0014><0031>
<0015><0015><0032>
<0016><0016><0033>
<0017><0017><0034>
<0018><0018><0035>
<0033><0033><0050>
<0044><0044><0061>
<0048><0048><0065>
<0049><0049><0066>
<004A><004A><0067>
<0052><0052><006F>
endbfrange
endcmap
CMapName currentdict /CMap definerresource pop
end end
endstream
endobj
40 0 obj
<<
/W [3 [351] 20 [635 635 635 635 635] 51 [603] 68 [600] 72 [595 351 623] 82 [606]]
/FontDescriptor 45 0 R
/Type /Font
/Subtype /CIDFontType2
/BaseFont /JOKLNO+Verdana
/CIDToGIDMap /Identity
```

```
/CIDSystemInfo <<■
/Ordering (Identity)■
/Supplement 0■
/Registry (Adobe)■
>>■
■
/DW 1000■
>>■
■
endobj■
41 0 obj■
<<■
/StemV 80■
/AvgWidth 341■
/CapHeight 727■
/Descent -206■
/Leading 1069■
/ItalicAngle 0■
/StemH 0■
/FontName /VUNLIM+Verdana-Bold■
/FontFile2 46 0 R■
/MaxWidth 0■
/Ascent 764■
/Type /FontDescriptor■
/MissingWidth 341■
/XHeight 0■
/FontBBox [-549.00000 -209.00000 1707.00000 1006.00000]■
/Flags 262176■
>>■
■
endobj■
42 0 obj■
<<■
/StemV 80■
/AvgWidth 262■
/CapHeight 700■
/Descent -251■
/Leading 1219■
/ItalicAngle 0■
/StemH 0■
/FontName /VUNLIM+ftnhosb-w1s-do4-8ev02sstywzq■
/FontFile2 47 0 R■
/MaxWidth 0■
/Ascent 968■
/Type /FontDescriptor■
/MissingWidth 262■
/XHeight 0■
/FontBBox [-170.00000 -251.00000 1529.00000 968.00000]■
/Flags 32■
>>■
■
endobj■
43 0 obj■
<<■
/StemV 80■
/AvgWidth 0■
/CapHeight 0■
/Descent -150■
/Leading 1090■
```

```
/ItalicAngle 0■
/StemH 0■
/FontName /UNLIM+f14xongg-co5-e5d-2wmqtcsgrmumj■
/FontFile2 48 0 R■
/MaxWidth 0■
/Ascent 850■
/Type /FontDescriptor■
/MissingWidth 0■
/XHeight 0■
/FontBBox [-3.00000 -150.00000 1000.00000 850.00000]■
/Flags 32■
>>■
■
endobj■
44 0 obj■
<<■
/StemV 80■
/AvgWidth 262■
/CapHeight 700■
/Descent -251■
/Leading 1219■
/ItalicAngle 0■
/StemH 0■
/FontName /AQSZWS+ftnhosb-w1s-do4-8ev02sstywzq■
/FontFile2 49 0 R■
/MaxWidth 0■
/Ascent 968■
/Type /FontDescriptor■
/MissingWidth 262■
/XHeight 0■
/FontBBox [-170.00000 -251.00000 1529.00000 968.00000]■
/Flags 32■
>>■
■
endobj■
45 0 obj■
<<■
/StemV 80■
/AvgWidth 351■
/CapHeight 727■
/Descent -206■
/Leading 1069■
/ItalicAngle 0■
/StemH 0■
/FontName /JOKLNO+Verdana■
/FontFile2 50 0 R■
/MaxWidth 0■
/Ascent 764■
/Type /FontDescriptor■
/MissingWidth 351■
/XHeight 0■
/FontBBox [-559.00000 -209.00000 1522.00000 1006.00000]■
/Flags 32■
>>■
■
endobj■
46 0 obj■
<<■
/Filter /FlateDecode■
```

/Length 8874■

>>■

stream■

x^■|y\T■■■■m■■■■■■■■■■■■3■■■■;■*#■

■■■■■■■■■■h■■■■`F■■41&FM■■■■J■■■■■■■■c0i■■■■m■■■■mZMc■■m■r■■■■■■■■■■\■■■■■■■■n?■/■|■■■■■■■■>■■■■■■■■■■
g■■Y■■■■■■■■)r■■\$■■■■)x■■~■v■A■■■■4f■■■■Tx■d■■■■0■■■■k■■■■■■■■Z\$■8■■■_■■W■■C■■■■■■~■■■■■■■■■■col
■■X■@*■D■■■■G*■f■■Z■&■n■■{■x■■■■0■4■■|■■■[■1■■cG■■=■■d+)■■■■ä■■=■■!■■■■■■■■i■■<■■■■V■■■Y■■v■■
■■[■■,■i■■■■■■■■K■■■■j\8t,}■■■■■■c%■■■■Uu}■■■■■■,■_■■■■m■/■■■■\$■■■■/■■■■'■&■{■'■,■z■M■■■■6■■■■_Y■■
■■■■s■j■■■■■■lo■■>■}"ZQ■56K■■■■■■T■■■1■N*x■■■■■■M■D■■■■?W■■■■■■P■R■■■■(■■■■'■■■■
■■■■H■■t■■j■■■■Q■t■p■R■■^■p■■■■&■■■■\3H%S)■P4■FE;ig■vE■■b■■.■V■■■Q■■■s■■■■/f9■■■■(■#■4■■
z\■■*■■4j■■*■d■■4&■SQ■■■■UTk■+■k6*■j■■■4nM■■■■0■"■■3p^■■■■<■■■■F5■V■■■■jBt■■D■D■■■■t■■
2■■,;■:■#H■■~■%v■■Q■■■■■■■■;■%■■■■j1"~K■■.■arx1■■)■f■■■■■■Z■■■■gs■■■P■■■T■vm■■h■■<=■~1■z■■■■
~■■m■■p4■■■■■■k■■■■^6L■■M■■;■-■V3'■■■■]■■+■■H■■p■?■■■■!■■■\v■a■C■■■"■gL■■■QM■■■Fsm■■■
~■■■■■■?|a■■■-■■■H■■■■%■=■■■■m^■d■■c■J■F7■■■|■■■tX7;■e{■[■■Tr■■■
■■■■Da■■■■■■|■■G

■■■■uF■!■VXI■■■■r■^■<■"j■■■Ol/k■■■■■■@■■■■■■■■■■|■^■v■■■■■■K■■+■■■'■■■a■Qu■■■■

■0■■■;t■■6■■C-c■■■■■■■■,■

■■■■■■■■*■&■■■(sG■\$■o■■_H■!■■■Zp■7■■■<■YPh`■'■#■!■\w■■■■\>Ž■■■■k■?5'■■■■[8U3oo{■■E■■■4■■■■■■■■

■A■■T■■Q■■(■■■■■■X■■■p■E■■C■*■A{■■■■(■■■■(■■■■r■'■■■RC■■W■■■■■■FKm6■s■:

■9■

C■■■0■■■■iX■■n■u■■■■■■■■B■■x■■■s@■■■[■■■■■■b■N■■■■■■u\$q■m■=5■vU■■■N>L■■■=D\■\■=■15q\■■■

■l;■Pg1■■■%■4~■■D;U_■■■

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o■■P■■■■■■F=(■■■■f■j%■Tr■■M*■■■■N■:c\4■■■=■■■■■■■■m■0!■Z■■■■■■9z■■■■z■■■;■■■■/■■■[■■■■■■■■n■■■

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Revealing the Heavy Impacts of Repeated Low-Level Head Traumas
Monday, April 7, 2025
Soldiers training on heavy artillery and athletes in contact sports are routinely exposed to repetitive mild shockwaves and injuries
Modeling the Body's Tiniest Operations in Vivid 3D
Thursday, April 3, 2025
Threaded throughout the body are networks of capillaries so miniscule that red blood cells must contort to squeeze through them
Restoring Muscles by Stimulating the Brain
Tuesday, April 1, 2025
Elisa Kallioniemi slides a circular disk over her head, stops above her right ear and clicks. Her left hand jumps. She moves it a centimeter
NJIT Computing Professor Zhi Wei Named Fellow of AAAS, Follows IEEE Honor
Friday, March 28, 2025
Zhi Wei, a bioinformaticist, was elected to the 2024 Fellows class of the prestigious American Association for the Advancement of Science
From 3D Bioprinting to Disease Tracking, NJIT Showcases its Groundbreaking Labs
Wednesday, March 26, 2025
Throughout the year, NJIT researchers focus on unsolved problems in areas such as medical science, energy sustainability and environmental science
NJIT Unveils VR Crime Scene Tech, Research at Nation's Largest Forensic Conference
Wednesday, March 19, 2025
NJIT's forensics program made an impression at the 77th Annual American Academy of Forensic Sciences' Conference in Baltimore
Experts from NJIT, Carnegie Mellon Find the Pen is Mightier than the Data
Friday, March 14, 2025
Plenty of researchers already study how to tell if online writing bears the traits of artificial intelligence — but Michael Laudenbach says it's not always obvious
NJIT's First-Year Engineers 'Dive' into Design, Shaping the Future at Annual Showcase
Tuesday, March 11, 2025
The spirit of innovation and hands-on learning was in full force at the Newark College of Engineering's (NCE) annual First-Year Engineers' Showcase
NJIT Mathematician to Help Map Earth's Last Frontier with Navy Grant
Thursday, March 6, 2025
We've mapped nearly all of Mars' surface from orbit, yet we know less about Earth's ocean floor — almost 75% remains unmapped
Two NJIT Faculty Elected as National Academy of Inventors Senior Members
Thursday, February 20, 2025
New Jersey Institute of Technology Professors Vivek Kumar and Xuan Liu have been named as Senior Members in the National Academy of Inventors

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The University reaffirms its commitment to providing a safe academic environment by focusing on the wellness and safety of the
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[Department Credit/Debit Card Acceptance Policy](#)

The University accepts credit/debit cards for goods and services, adhering to applicable laws and Payment Card Industry Security
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[Fiduciary Responsibility Policy](#)

The Fiduciary Responsibilities policy pertains to all employees who are responsible for committing University funds, regardless of
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[Gift Card Policy](#)

NJIT is a public research university and as stewards of public funds, ensures that all financial transactions meet the applicable standards
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[Pooled Endowment Fund Investment Policy](#)

The goal of the long-term Pooled Endowment Fund of New Jersey Institute of Technology and the Foundation at New Jersey Institute of
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[Purchasing Policy](#)

This policy pertains to University faculty, staff, and students who are responsible for the procurement of construction, goods and services
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[Timekeeping and Reporting Policy](#)

Timekeeping records constitute the basis for the payment of wages as well as recording of University recognized sick, vacation, and
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[Travel and Business Expense Policy](#)

NJIT has determined that it is prudent to merge the existing Employee Business Reimbursement Policy and the Travel Reimbursement
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[University Unrestricted Strategic Reserve Fund Policy](#)

The purpose of the University Unrestricted Strategic Reserve Fund (University Reserve Fund) is to help ensure the long-term ability of
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Off-Campus Housing
Off-Campus Dining
Office of Student Life
Health & Safety
Student Health Services
Counseling and Psychological Services
Public Safety
Recreation & Fitness
Gyms & Facilities
Intramural Sports
Transportation & Parking
On & Around Campus

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NJIT Highlanders
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Transfer Students
Graduate Students
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Make Your Credits Count

At NJIT, there is no maximum number of credits you can transfer as an incoming undergraduate student. However, you must earn

Transfer Applicant Criteria

Complete at least 15 semester hours, including:

English Composition

Mathematics (pre-calculus is required for most majors)

Science (chemistry and/or physics is required for some majors)

Application Checklist

Quick and easy online application

\$75 application fee

Submit official college transcripts from all schools attended

How Credits Transfer

Regional Transfer Agreements

Dates & Deadlines

NJIT employs rolling admissions, so your application will be evaluated as soon as your file is completed. You should expect a decision

Fall Semester: June 1

Spring Semester: November 15

Schedule a Visit

Tuition and Aid

Contact Us For More Questions

Director of Student Recruitment

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Associate Director of Transfer Recruitment and Articulation

Alberto Guichardo

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Associate Director of Recruitment

- Essex, NJ; Community Based Organizations

Magda Francois

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Admissions Recruiter

- Bergen and Union Counties; Rockland and Staten Island, NY

Danielle Drago

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Admissions Recruiter

- Atlantic, Camden, Cape May, Cumberland, Hudson, Monmouth, Ocean and Salem Counties; DE; MD; VA

Ariana Rivera-Maldonado

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Admissions Recruiter

- Hunterdon, Morris, Somerset, Sussex and Warren Counties; CA

Alexis Telyczka

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Admissions Recruiter

- Burlington, Gloucester and Mercer Counties; PA; Upstate NY

Yenitza (Jenny) Ruiz

yenitza.ruiz@njit.edu

Meet Some of Our Students

NJIT students get exclusive access to online scholarship portal

Learn More

"If you ever need advice or help, I would be willing to bet you could find it at NJIT."

Angela Vitaletti

Class of 2018

"NJIT has allowed me to transform my nearly lifelong dream of becoming a physician into a reality. "

Efstathia Baronos

"NJIT felt like such a community and I loved that. I've learned to lead, to communicate and, of course engineering."

Paula McCarter

Class of 2017

#1

Public University for Alumni Earnings, Economic Mobility, and Academic Profile

Source: New York Times

Top 2%

for return on investment

Source: PayScale.com

Our strength in engineering, the sciences, and technology continues to make us distinctive

Transfer FAQs

Fill out an online

application today!

Apply Online

Download a brochure and learn about NJIT

Download

Schedule a visit to campus

Schedule a Visit

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#t#tX#####o)#####3*###SV#####O##Y#v!.#2#####/#####o##R#J#####ysj^U##Uj###R#\###s#[>#####s
h#V#+#####2')#####,@-P#####s####,#####|###L##T##@9P####3####4`*P#L#####\$##
#|#####x#\`#p#0#####9#h`#0#####C#!@60####d#n`0#####2###/#####p#i@*###d#7#####
#r#2`#p)p#####\#f#6P##V##/#####X####_#####/#####X####_#####/#####E##=@`#####
#####0/n#[#####^o#o#####v###Yv-,##J#>J###N#F###C#X#a#xD#,0#p##`-zxA#####ut#####om#####.5#####
=##>##
#####1#M#####'###w~z#@###c###'1S#s}-z#E#d#####l######{#/#~#^#####b
#####1F#Ep#####dt#M#7#qh#7#####>#####{E###.A###C###C###-j8#####B#I#g###/#^#%#####J###J###}
#####+#####D#####f6###\$:N#####4x#hf#####D#`^6#####'&N###Z/#8.#F#####yL#3#y<6+eF#####RbL###8_i#E
##=J###(a#####s###d#f#A#0###c###[,#&#c#####(DC###[,#*#g###*#0#####9#####3p#7G#9#####_#####[b###
6#>:Q#####"#####5m#####al###n#_se#####l0###/###l###Ux#####]#_5#\$#K###4*#####DV##'j###TV0###T###
0#####*#####n###)###F#}.n<#m|T#6!###.##;######?
#@#####[J#B#B#
#####V###6#w###\#####|#####@###aw#h#i#S#####vC###-#p#*#####hO#####p####E#####k#xm#####/####,`#####
##>oH`#<#####fRm#{~#####c###&UB#####q:###a4#####:(mS#9#####NQ-Z#o#####V#####J######u#####
#####J#####R#Q#####(##)F#####ab#####f#W#;#-#####o#HF###k3r#####d#####O###C###F#####zv#=#-#
#####@#####X#)2#+H>#####_#K#U#l#####p#J#####jV###(N###XA,#J#####M#!#####Q#~A#)#####D#X(|
V#-]G.8#[+#####1#_#Z###q#gx#Ut#####f#-#####L#####U#+##>#####>#####.<]#W######o#T#_#V#####Z#
##b#yH#!###DJ
#####{#####'"#`#####K#####D#J####.##zz#####A#####g#/#X#####i#####1g#####
##8#jk#-##w8#dV#e`gR0###;
##x+#####e#.)#####Yo#q"ZG^ZI+ec6`#####|#####JN#EC###B#####%#####|#####6#7^#a#||#f#B#]`#####j#####
##x]###0J#i#####d\$Y#<#A###L###N#####T###4#O#%#S#####P#"ηn###hzK#####ok[m#####8#####a#####\#####
#]y###;m#ZM#####k#####d#####"&eO#####*#####D#####'x###J9oO#####a#####Q#####T#####-#####
#####X#####&b#\#####L#####UQ#####GA#####a###19G###3#[#####E#O#i|#\$#S#####!#####Y#Q#K#1}vx#####2#
K#####;#{6O###LO#7Od#5a)#####'Y#7###`{###U#####m#####%#####X#####L#y#

##nTD#####BA#########N#####[#####n#####~u#}#z#####\9###a#g#E#####v#####Rq###ξp#####
##;ckbD#5#J#Zc#Mu###Gs###Ts###<#Gin%#:#####v##
H#Q####is#!###X#####>Z#####_#/p/R#####(##k###UT#####/##a#HÁ###c#~#3(##U#CK###H,####[?#####(##
5W#;#]`#PQ###"U###T#####|#####>c<##<8#.######2N#####&#+\#.#5#####R#/#b^#####]###P#)######
pE#c##[#7u#####Y###Fo7#####B#####?yko#u_#v#.#?#####a###{#a#####J#####&###NE#;K#####|###'\#####
#####h#####+K###H#8###0#####b#####0###p#####1###(#####3#B?####e#l#5#`t#P###|#3#
yaa~Xr}#####sM#*N#####B#####U#)###N######G###&###{##=+#####)@
#ox#####U#5+-#####k#U9#####K#A###N#1&#H}#####Kxj#y#####R#####
##]#0#LX&]#6#####:###D!#####jy#####)####hR#\#k#[###k
#<;#(H#####|t###W#Q#####g#####/##T#####t#0#####M#F#####O#J#"#####{#####t3\#rvv#####|#####
#t#d#r#####R###*#O#)7###MeA[#####\$#####)H#####EBp#####p#LL#g#####j[#####ghT#####1#-#####>###
#####<#;?#####p#"#/#b#c#h#8p#####9#z#S9#7F#####u#####h#####3#v#r#`#p#Q#####X#R#
#OH#####Ko!LQ#&###W#####i#d###`b#K###T#####|_#####<S2#7#####k#####S#Dn#####C#####L#####j#####

##`#s#]###d#V#;#R#p###\pn#####t#####{#####h0###0u#####b#####y#.#k#Y38###-^###3<#####vO#####
#W#S#####7#####;#m#J#rU#####iw#####%#####7#{###G-#]j#}W6#6#*###T#####?###L#p#a###j-#t#`#R#h[E##>###
#####(M#####nPx#####6%#p#####;6#####lu#:#####yO#####_i#j")G|,####[S###&#akZ#L#####hgB1#@((###oc8###i#
P#+###d2#####O^#####)##,#v###KU#Y###Q#rca#8>~#####LS#####ie"1###T#2###|\$x###TkF#j#####(#####
#####<#####Z#####Dg*#####^=#u#h#`uH#####H#####V#V_#+###d###"Ti2#####C#o#
#eb/#####|#####mG>#|#####[#?#w#&#####]###r#zx#w#####7f6#####3###m###N#####5###j#
;#K@#\#FB<m###]#W#]9#G#2###-#####Gq#####m#V#o#####Z#####:#####fs+#J#~###%,###\$Te#b###%S###+
8L###1F#####|#####U#####B#####1"#####=####P#D#Z#]B#####/#####/ip#@#####Nm#1U#uf#####!###W#
#####k#####h#R###&%#####^K#)\$#)#G#D#4z-#####N#C#:#####4-#####h#dU#R#h[###S-###}#,#M)#####r#<#####

o#h#n!IH#z#####PR#v#####?w#V:###:###Z#l#6#e#####
#3n#z#\$#####t###G###C#####S_#
#/######MV#####V#}#####H#l#0m#####<#####Lo/4#.#&#"#`#H7# #Qp#d}o#######A
H09#)##@|Q###6#####e#ZG<mM#####Z8#*A###S#^~#J#&#R2#w###3@###(#####B#####g#okM#Fy#?*#]#E#
###n###

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-@u@L@/sV,rTl@i@20W#M#%C@Gsr[IS-R-P@!#<@
|
6Jw?;z.p.M3Z8c.sG>#S>g8()~_]"ηP TZU4
?xXeX-a_v_dV!R6*$9mR'G&ZS+D)e'h
g\q"O#P+W`[lxm,S'hq
D!vC2]%%}p+((%D OBjGum b{H'txrC
vppzz4>]!NB\?n2>d#AK*"*pr"JqKsx^4M?
ySlibu9PL~/~76#WPPyX
ha3n|lvY1,s46S0mwGt:GýYNNt
!U[FjC Vdv!DOtK1h1Hzx~°J|X1C]s(8fH
LkF"{"a m%}D+.^sN>$Eh{a<w
MDRrDl}9((wINM7MBWf$oe'$_C_6R(ux"~|$h.
27l%+g+nE6y#f"$MPw%]=nef p
w'UWB!B;K$J uM:Y Zt~C7x%-FI|}L1Pq
!/0(□)OxSn's MgiUK^>.<r/{5Ak#c?m?bw
S1S4Y.meD[::YAWAAP
a3BdN~lu[8cn]'*jAmEr5$wNOKojsHjW7y.uO0"lIE@ED
waaC'C'dsx@0m|l]$#
11r'sEPJ66u] ^7jKf%U<)\0%"y"6BTT
sDu jKY0+L|$X:w#_ ^$y(u csM7T,?*"8y%Pb|l
SPQBNV P8:CvwMJXo oÄq8;&AkZi^7zJq7t uX
Lh?(&6&d*S+][4DXT$VM^Ef/mC
f+k1a bB u gB bB G=8#G^v}g)=m:3!#2N X
\VI1afU?Qv?<_1E5jTt: +@eTs\D Rha$@U iFp
6-;BVS HJG[;LBI GJM F? b z"cz58Ucv=nS#>"x yZ,#
(Q@Qe3\XV@Q R4HQ[p YX.(z0LcD_
!O.E0:4p w]!rx(hr)k|y$m$^}}z iu x;R%8"D KtU k|
/|aJe]>Y[H E4! %~0[A<ZM>t x%KX$AA'O mP']
5aêg[z4+Z|O.^(mdDf_:Kg a4^K7Bt6@A
!o wW m'T3H~+"Rxe xv|GczKw8.gDU IWIIs
!L%$!3u cP3Y-fL sNW hq a>dQ"ji mD<
q6!"d" B0|P thU}xg f"KZ3u# @IS$T j2G F L)M VIVa
H=~bk p xD h2J gU=Q"v V)4$ {9g wN @ j z^-s
rFF&e'M m9P r%$ g B*S T-t[
-2::k)G z d k S f i,i,W X3'?g y<h Q YO\U gE
HxYO~ (O O7$p>'t A?|^<? Q h]#ZLhxX"
fD[P d~P /d~p {f d~8|W{Y2~|2=.-.}d j2[f ^V
C$rJ8[w: 'X}2=>òc nlk+*rL5fP UOm5D bV i~J
]-Zg0J+
F,#+xA/X'>0~]'XV%<'V$ke5eNM~6
S D<l6<Zs7m[UXy>k ib""09KO<qKr-*v>
[n::vU#6f0(p]WO]3E:Q^9>~MS'D'^*XieJ
"n0b sN~RJWu?/-s`zj]Q9@? s pE<=H@B?i.
|9`E\@l
7W.X.#?/D SH[S_1r tDNV PyF VG*|9@ fJx O x/
5O t
/##? X}J @|#!>m Y=d'YU>4)J p=s Ep @]w3D
O(S)S9"*#^~p C?ZO4B o pm|l*8*A7pj*A%q*K%oR z
gGS.w!8V K;"M?H+(%TG V#D x g_ R)_2J
AN$HD^!W_Rj8)Q v,%O V G?:r XE R C5""y &c/fA p
9KR::"m,z k}n6a hZ @-jN v6nG aw.U4y<
B"7hXK uMEe,X(q h cS m<]=i) - .YA+ h Q(J$ zL l~
zc5 YP q=e Q5]m" z v"% yb ZT Sa-5;/e x*K
033>`rR3U k54E.1Ab H Pxx
9)
"RV7{eu27$df e2B0@ $l-lm i{N iKu+
|W~,~(?eUW H_o o j$K D:b$2An g?vn}p
Y u
^t rA sc E j6,h

```

```

0_0_0_)tMu0b9eUeuê29,F!gp%%;HuuKo,n,25'NjJ4:$A'f?L^ev[i[Uz^h.cV1cYIJsr--_'T>7.TKE|d+uUU%ICFv3m1r|v7Bc~xQ)g2q5,!Q'?7KN9qdn9RJ;RVlBtt<|)'pp"&k!_!t_Xe!:<3fTZP}ANMheYj*=kC]a5ZjX\..M@Ma0d:WX;;sw*J$2OLL?M%*'*'||eeOb"20*LLE1V#K7C:l:x3lf-GVm^Qs,,nss,K#bbby&b2D,P^OM5imfwfAU}tyZ}!!qo>AEc.]$oVVSK*2T:^ttaae++tttrtjlUWHUZZN2~y(//nWw~ab-BI' '=K~*;qfpd-m`vr)\~%!$DY"KBdl,%vrW1n5NNNNNNNNNNNNNNNNNNuf1X:(AASS(P'aO|aocAAEvvkkkm'M`q8O!bXKI&cQy6'Q?ww@FF|vvr\P+;ab-BdC+'Tj~Ay_x~~"Dif,eY-PLe)xS3e3iiN6|8|4fc"E(E)eUVNDFF4FiqCjCIFL9Ay((1kdX8N!d#DD((ERXt,Tz9bbAYJX>DSJS#Z@D1hQXXâQQQ"*@DxtDTEEaeYT:VE|bQXY Bef"@D"4*bU6W*e;y,EzBDDET%"W iUsimZ':.$z/N$3Fdip*c|b|H0&Ag+zKz[C]!sJ^X_zQn<Tm1a@~(25ddLi>PGzPSVvA7{q=8"W~G)vBOe]$aSs'k/Cz7E6z5F.Xnn,m,uMtTqYDXVmJH@De2(pdd|M:I:0LL.&Vz%n(B))LOp)|5WYr/cRRauNVuH_{GEj2p51AVvRWLVVaard`\17JI[x(tR+|xm]|rfYu.!0%OP*>JXeUY5.ssu)@6YgiO}|WW!mm\K|i?*wZZ77-qCu3s[,,n'n==\sk|xP+CL4PMT CZKK{.-=$u<vG@>>8gUttE8 @<`>.:VP-//ISfSiVnZZ[ZeTNbN}EE!8\*FWEEkBaf7qPXooN5wH=rHyKee`E"X.yzz.hSSALTTt?t_r_O,B#Z=p?<?;b|I8$WeCTTT3+Fxx/@@2yy^Xzy|U{AAU`_!|LvTTQYY`~VnnMM BB|UU#C-W?5Vpps+n[a+v+_{}y|i|iy{s{KhxyY2ZT`|(EEvNN;##2eH'shv O3+Y22dp3.vtt;NggY@FC-S_WRR}teczz|RRT''| %O<+BV>X{#-ld=t?X @wkkgz}}N{CbOv#a:'-~#pV\zz=#u8{)(h=ct8ppX<O0Jdd8ppLP8dd:p:BJJdk:i:{A<GG'e'3x6TT|>ol%OOpc2&pZ`X`h|j8Un}]5k6uf]Qh'oZF5:++?}}kBo&tR4R0b|jK#H<tt%mm.:|-|x4**$-??s\_ `ZZ=//%RVJ//eHH3prolox,x{x4:|+CV*OO3V54r::ra=|4|yaoa3G~'iXc4ly+omM2$+zIMkk5oje[kkzkZjaie|mck-k->VX_Z_Ak<uiV@iXM3a..7eH}F;;?ppz"jjaa#k:o$tt[RVS9*GYCCZ/tTT1a:rppsc8xEk[w;}.Yzz-Ow7*RUU55uuuzFF&ffkkww:_WA"[Y(z""UzZ7*aRwwww4TT:EU1v|jV]NN%di|x@yBB3VLGUf$mKA^JR^qZ^gNBbb|lx|fZ~1=d6MFcvToPPjZJ*Wb_~HJf+c+Xy[{7}o7TwUqq6*V!mWwhfkweww{---|;Sci%%6XU-``Rqbtu=C.m3US~&W5~V=====?.g*{P2hh=3Rci9nnJ(6)h[jvarvaX5xZXr#Kk5kbWNN?NJ4d*WC_R:UgQ| |+7Fii{TU""w>[Ukkm<.;!v*=P*YYYG8PaaTDUM%quQU-Q-F[mFmw3003:qBK#5kk7OS`*w

```

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~\#####-V#{#####F#####a#@#####a#V#####5#####6#####@#####[#####=#####P#####8#G#W8
#####O#####n
$###B#####C#/?#####a#r#C#a#####1#ca###;a"Lb#n#||{#!#####z#=#:#####3#i###P###_@~!#####N
#####~r#C#g#R###-#_#0#P#p#####BE###GG#P#####]##"T#x.#z#####1#y###{#d/####/U}#9Z###02#####
#n#!#####|FM>#&#Q#####g###3j###5#####|FM>#&#Q#####&###d###,B###h1#####|#####T###G+##h###^?A###
F##\###+s#2C#+o#"%"#|G#o###vn#####}##:S#FJ#"###8q#||#####T5=#F#m#7###c',###G###:G###*#Q#D###||U###
#8###M#####6#####|/####Z###n###J$###>#####6#&###p###7x##@#[]H#
#####!R#####y###"p###X#####x###m#?%#####*P###E#####U###P#jAmw[#####uw#####b,##
>###X#k###X#_(###Tv^Y#D###T#$#####C#####g#####|#####m#####9#####A#####J#_w#####{
Z#%#####$#%###5{s_####
###u#qs#####u#Zi#&#]#N#B###=######ym#X#Y###)Y#####+#####X###8#####Q###M#d###1#g#E#####
#####|W#####Z#{[;###M#F#h#####d#+#####.v#]#####{#####x#####$###S#####O#,x#
Kn`#q#####9#####K#}###w###n3#m###|###UM#jbU###X###&V5###UM#jbU###X###&V5###UM#jbU###X###&V5###
O###d,###c2#####iH###p#####8#G#h###c1###x###w###P#a###%###hX#a###%#####8>#O#S#3|#####g1#
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#####R#J#*#####R#J#*#####R#J#*#####R#J#*#####R#J#*#####R#J#*#####8###?N#q#S#####\E###r#]###Ut###.V
#)X#`###E
#)X#####P#####P#####P#####P#####P#####P#####P#####P#####x###C###*#P###
<T#####x###C###*#P###
<T#####x###C###*#P###
#=-h#####_#####U#<###i\#q###E###i\#q###E###i\#q###E###i\#q###E###i\#q###E###i\#q###E###i\#####"###I,#####
W(<#####iHt#####!#=#$###D#####j3$###D#####)C#oH#####SQm#R###o#[F#####t0#'#####o#####M#'#####
;c[##t3#####hZl@#####p<
=#zL##v#####9#####aw#1#S#####P#RW:###;S#&###8.u###f#T#t##-#####kj_###p#{#####R#####
n###v
#(####Y
f)##`#####Qp#####`###9
#(8H#A
n#######W#^#r###+S#L#2###*Sj#R######F(5B###J#P#j#R####~H#####)U#T#ReJ#D#####Kb###Q#Y#####Z#
#####@#_t#!6j#>#>#)~#####M#####x*#]#w#####O#.###\#O###?|#j#####?##t#####_###g#####_b#
~#####t,a_#:#6#a#?`#####6#####Y#;+###Fm#####x3l#####1###C#~M#mS#\#N%###x###0w#####x###Q8&#/#Z/###
###7###-#####aY###'xe###?###U2###~cv###Y###bt#|b#####?M###m#9#####2#v#rP###%+D###
#####wps4=u#####kw#####p###|#####sS?#X#nL#(,#####v#####n###!#W###n###3|3###w#
#####U`#juA###g#u#####?#Z#8\###J#J#|#3?;###W###d#J###e#####k_#s#2#i###++#ec#,#(###
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.:A#####U#`F###+Jf###6#####nc#####lc#####V0{##t#1#fLw#####>#####g###=######Ue#n#?#F%9-
#'#n###~#V#[#
#:######)G#{#####VM1eO1eO1eO9#####]3###p[#####q%#####V#####3q
#####:EoxTMxTMxTMx1#Q#Q#####ub#:#A###0#?#M#@##{Q#####a#####Q#>#[]#A#=#Z#####z
#####]#ii#O#####bN###)s#9#dk###hZ}###?#}#'###E#O=#&tL=##q#####x#N#|###:#Z#Z###Sp*N###
&###|##`#(##
&###|##`#(###T#Y###k#####\#+0#_#####
W###*#<#u###:OE#####SMg###3T#####t#j#PM###iB5M#####4###&T#j#PM###n#####v#]#n#####vE###;###<##'
###%#####m#####m#####a)#####|9#;#####|#}#####8]#####M###N#####y###R
###(##"
#####~*r#####"#####*#7#####&#W#####$&&#####uWW###T#S#z#####8E#L,###)#-###~+#####F/#
B###i###&###z####W#O#####A0#<#####!'(}8E###S#####K###<###>P#)
RA#T#5@:#2@-###j#:#.h#####h
#####h#Z#Kt#s)#####\#####`#####%###0#<###O#Q#`#^#`#'#6#R#####v#####hy#{#J#>zV#
~#9zr#PO#%#@#####s#####c#####wz###*#!:#####pN;#####=####M#o#####'
#S#4###@v#####%#####f###`#^#gs-#|#[#V###|;#.####@5P#####u###U#d#z#>8Y/U#####Vp#####pqz#
#*%#####K###tv#&#####n#####=#x#2####(##=#x#>
###a`8@###H###x#<#F###`#x#<#####3#Y@###σq###0#L#S/######\###~#####`#####p/######
###c#####X#=#9-E#####}#1WL###7#####r#xB###cE?#####?#####q###8#s#
###T###H#####M###?###D###z#6^o#####w#####`#h#/######>{#|#6###m#####n#####
)#(##b5,###%#b7#JM#####`#9#####Lc#G#u#>|#>|#>#r#>#r#>#r#>#r#o#u###y###O#x#E#####v#;:#Y#J#
#!_###Jv###-#z#####o#####]@o4#^#####s#i=###J###<y#####D###&#####z#####@o#r#####)9[
#z=#####/#####o#####&|###Q#####Z#D###b
######L###]#7#####K###I9#####pu#1s#####q#####

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t4)D#c*_{}N:r_+XV7Ft,3/,'k{1-HWno
7U0.X{#w'"]";U4M0!c#aqbqA-!0HWUwUwuIXD B
B':.]uHW#;|f|dotJ9='E/ld8:M7zM64^H|<r<zWJ;9#r2:'gG:s?:9?rXQd{
'&|W>F>N29V&\$;cYV||C%9
|c0d&r6Wp qw|t|v|u|&p|v|u|@|v|u|;|
P(%_)RV)k|rT)M!)%*J|Pvœ;M|P|y|Q8R)|i(O|L|rK|i:2
y|F|WH7`moN8V@|a|]-g|s|p|r|u|p|9#'|k|Y-|]K
]E<U^W(|8K)|7U<|o|Z_
~8h=':|]5A8k}u|v|5*8Q4.u:}/|B|R8|N)|N|G7%\
!|op%|K|)a%?R|W?|!|r|q|
@)|w|Q|/|=|
)|?|*|.R|5|e|Z|@|e|P|7|=|z|?|S|R|@|7|B|
@|bM|^|]|@|+|T|
Q|M|*#|*|
j'|S|Zj|+|1|\|t|l|\xq.f|a|&|V|M|T|n]|{Y|;|%>|:0|L|?s|
ØL|\|bq|yb1
mKk|x\$<|l|%|+|6|a|h|w|g|x|o|27|`q,||~|@|q|<h,||
3T|Z|7|:|L|*gMU>:|t|6|v|M|]-(|&)|t|j
ZC#M|):|M|B|.bz 4M|i(t|i8444444;/?|xh|dX44^|m:|Ni|N|S=i|
B|B|
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The health and well-being of our students is NJIT's primary concern. Good health is central to the personal, academic and professional success of our students.

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In turn, NJIT offers a host of services to ensure that students receive the assistance they need including:

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In addition to a healthy campus community, NJIT's Department of Public Safety ensures a safe environment for our students to thrive.

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Resources
Resources

There are numerous resources available to you at NJIT and beyond to help support you.

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On-Campus Resources

NJIT offers a number of resources to support you through concerns related to sexual misconduct and Title IX. Speaking with our

Title IX Coordinator

Kristie Damell

Central King Building, L71

973-596-3445

*Prevention Specialist and Confidential Advocate

Brittany Gaviria

Campus Center, Room 205

973-596-2664

NJIT Campus Health and Wellness Services

111 Central Avenue

Newark NJ 07102

973-596-3621

*

NJIT Counseling and Psychological Services (CAPS)

Campbell Hall, Room 205

973-596-3414

*confidential resource

Criminal Complaints and Temporary Restraining Orders

We encourage you to speak to your local police department, or speak with NJIT Public Safety.

NJIT Public Safety

Parking Deck, Street Level

973-596-3111

Essex County Prosecutor's Office - Restraining Order Process

Family Court Domestic Violence Unit of the Superior Court

Robert N. Wilentz Court Complex

212 Washington Street

Newark, NJ

Phone: 973-621-4700

Between the hours of 8:30 am to 3:00 pm Monday-Friday, an individual can apply for a Temporary Restraining Order in the Family

Any person who wishes to report an incident of Prohibited Conduct, whether the incident occurred on or off campus, shall retain the right to

Go to court to file a domestic violence complaint requesting a restraining order against the Respondent, and/or an order directing the Respondent to

Victims of sexual assault are also entitled to apply for a Sexual Assault Restraining Order with the assistance of law enforcement. A victim of sexual assault

Sign a criminal complaint with law enforcement for threats, assault and battery, or other related offenses. Certain offenses that are covered by the Crime Victims Bill of Rights

As a victim of any offense or crime, victims are entitled to a copy of their rights under the Crime Victims Bill of Rights. These are available in English and Spanish.

Seek medical treatment; the NJIT Department of Public Safety and/or the Title IX Coordinator will arrange transportation to the medical facility.

Request that law enforcement remain at the scene until safety is secured.

Request that law enforcement provide transportation to a safe place, such as a shelter, or a family or friend's residence.

Receive a copy of the police incident report. Any victim of sexual assault has the right to review the initial investigative report and/or the final report.

Additional Legal Resources

Rutgers Law Domestic Violence Clinic

c

Essex County Legal Services

Legal Services of New Jersey

(non-essex County Residents)

Campus Advisors

Complainants and respondents involved in any Title IX-related proceedings are entitled to have an advisor/support person present during the proceedings.

Brittany Costantino

, Coordinator, Office of Fraternity and Sorority Life

Michael Davis

, Director, Student Involvement and Leadership

Dr. Kristen DeGraff

, Director, New Student Orientation

Dr. Grace Gangitano

, Executive Director, Office of Student Transition

Peg Hefferan

, Associate Athletic Director, Athletics

Ashley Hunter

, Enrollment Services Manager, Admissions

Karen Quackenbush

, Director, Office of Residence Life

Aaliyah Rathore

, Associate Director of Inclusive Excellence

Dr. Crystal Smith

, Director, Educational Opportunity Program

Off-Campus Resources

Local and State Resources

Essex County Rape Care Center

60 South Fullerton Ave, Suite 109

Montclair, NJ 07042

Phone: 973-746-0800 x310/307

A 24-hour, free and confidential Hotline

Crisis services for survivors and their families

Educational programs and training for youth and professionals

Free, unlimited counseling at Family Service League.

Access Family Services

24 Hr. Hotline: 862-444-3126

Essex County Family Justice Center

Phone: 973-230-7229

Manavi

An organization for South Asian Survivors

24 Hr. Hotline (multilingual): 732-435-1414

The Safe House

Emergency Shelter 24 Hr. Hotline: (973) 759-2154

The Rachel Coalition of Jewish Family Service

Division of Jewish Family Service of MetroWest New Jersey

24 Hr. Hotline: 973-740-1233

Additional Resources:

National Domestic Violence Hotline

(24 hour live response)

National Sexual Assault Hotline (RAINN)

(24 hour live response)

One Love Foundation

(24 hour live response)

National Sexual Violence Resource Center

Stalking Resource Center

The Anti-Violence Project

Know Your Nine

Office of Civil Rights

The Department of Education, Title IX

Helpful Handouts

Policies and Helpful Handouts

NJIT Title IX Sexual Harassment Policy

Grievance Procedures and Reporting Options

Know Your IX Brochure for Students

Formal Hearing Procedure

Title IX Team Training Materials

Title IX Training Materials

In accordance with the Title IX regulations, NJIT is required to publish all training materials utilized for training administered to N

NJIT Title IX Investigator Training 1.0

NJIT Title IX Investigator Training 2.0

NJIT

Hearing Administrator Training

ATIXA Hearing Administrator Training
Advisor Training
NASPA Informal Resolution Certificate Training
ATIXA Reporting Writing
ATIXA Rationale Writing
NJIT Title IX Investigator Training Title IX Consult
(2022)
NJIT Title IX Investigator Training Title IX Consult
(2023)
D. Stafford & Associates Combined Sexual Misconduct and DVDVS Investigator Training
ATIXA Civil Rights Investigator Level Two
ATIXA Intermediate Interviewing Techniques and Strategies for Higher Education
ATIXA Higher Education Decision-Maker Training (July 2024)
ATIXA Higher Education Decision-Maker Training (December 2024)

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Center for Counseling & Psychological Services (C-CAPS)

The NJIT Center for Counseling and Psychological Services (C-CAPS) is committed to assisting students in the achievement of

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Dean of Students

The mission of the Office of the Dean of Students to support students both in and outside of the classroom through...

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Dining Services

Offering NJIT students a variety of dining options and culinary experiences.

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Food Pantry

All NJIT Community members are welcome to visit the pantry once per week by visiting with a valid NJIT ID...

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Health Services

The clinical staff provides the following services including but not limited to prevention and treatment for common illnesses and

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Residence Life

Residence Life is dedicated to student learning inside and outside of the classroom by creating unique residential communities

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Student Life

The Office of Student Life enhances the student experience at NJIT by providing opportunities for student-centered learning, pe

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Title IX

NJIT has ZERO TOLERANCE regarding sexual misconduct and sexual harassment...

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NJIT Students Get Involved

Students have opportunities to be leaders inside and outside of the classroom

Join a Club Now

"I've learned that being a leader is to care about others and to learn together. It's about bringing people together and helping the

Loumy Volmar

"Getting involved on campus changed the trajectory of my career, helped me build a strong network, and has made me dream b

Anuja Badeti

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Information about NJIT graduating and graduated students' experiences, employer preferences, and perceptions of recent NJIT

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The Intellectual Property and Technology Licensing Office (IPTLO) is here to guide you through the process of technology licensing.

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NJIT faculty, staff, or students should disclose an invention to the IPTLO if they believe their research can be commercialized for the benefit of society.

Protecting your innovation starts by filing the Invention Disclosure form. We

strongly encourage

inventors to submit an invention disclosure before any public disclosures (lecture, speeches, a journal paper, a conference presentation, etc.).

However, even if you have already disclosed your idea, it may still be possible to receive protection in certain cases.

The invention disclosure form helps us assess the patentability and commercial potential, and supports the patent filing decision.

problems solved or unmet needs addressed by the technology

potential applications

market size

potential competitors/partners

potential challenges to patenting and commercialization

Once the intellectual property has been protected, we will work with you to commercialize your invention via an industry license.

What happens next?

You will be provided with an initial response through email shortly after complete invention disclosure and other supporting information.

If you have any questions about this process, please review our

Inventor FAQ's

or contact us or email us at

patents@NJIT.edu

.

Related Links:

IP Committee Members

IP Processing Protocol

Submit Your Invention Disclosure

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Graduate Students: Master Your Future | New Jersey Institute of Technology

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Yaslie Pared

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Meet Some of Our Students

Join us for our virtual and on-campus Graduate Admissions events

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"I was able to get research experience during my freshmen year, which is really cool."

Madhusan Duwadi

Class of 2022

"With the excellent training I got at NJIT, I am ready to start a new journey and explore the world."

Xinglei Liu

Class of 2018

"The Honors College has had a tremendous impact on my college experience."

Robert Gidia

Class of 2017

Top 2%

for return on investment

Source: PayScale.com

\$167M

total research expenditures in FY2023

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