

INSPIRING YOUNG MINDS FOR COLLEGE ACCESS AND SUCCESS IN



SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

NJIT Forensic Science Initiative 2024-25

Agenda for Today

1. What is FSI?
2. Goals of the Forensic Science Initiative
3. Components of the Program
4. For Students
5. Timelines
6. Q & A



What is FSI?



Forensic Science Initiative (FSI)

Districts partner with NJIT Center for Pre-College Programs & College of Science and Liberal Arts

Forensic Science opens *many, many* career pathways

Prepare more students for success in STEM fields even beyond Forensic Science

Forensic Science appeals to lots of students

Studying Forensics may involve many of the sciences, law, finance, art, music, history, ...



Program Goals

- Strengthen students' science preparation by developing STEM skills and experiences for high school seniors
- Preview for students their potential career trajectory – Forensics is a growth field
- Increase the pipeline to NJIT
- We also increase instructional capacity & dual enrollment opportunities through teacher education

Student Program



- Open to rising seniors
- Summer JumpStart includes 4 of the many facets of Forensic Science: Biology, Chemistry, Crime Scene Investigation and Law; hands-on labs; field research; activities to orient students to college including meetings with college deans; SAT/ACT prep; college app personal statement development
- Prep for academic year dual enrollment* course: **FRSC 201**
Introduction to Forensic Science

*credit for a high school science course and 3 college credits with a transcript

JumpStart Student Characteristics

- Motivated to learn
- Interested in STEM
- **Regular** attendance all 4 weeks
- Active participation in classes, program activities, college prep experiences



Student Requirements



- Completion of all three with at least a C:
 - Trigonometry topics
 - Biology
 - Chemistry
 - Transcript and latest standardized test scores
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- Preference given to dual enrollment in NJIT's FRSC 201 during senior year
 - Enrollment in Pre-Calculus
 - Completion of application by qualified students
 - Recommendation from science teacher
 - Student letter expressing interest
 - Parent/guardian approval



Timeline for Students

- March Students nominated who will take FRSC 201 in Fall 2024; transcripts reviewed by NJIT
- March Eligible Students invited to complete application (includes parent/guardian signature)
- May Students notified of selection
- 7/8/24 - 8/2/24 Students attend JumpStart
- 9/24 Students take FRSC 201 at high schools

Student Day Summer 2024



By 8:50 Be in your seat in class

9:00-11:50 **Forensic science exploration/labs**

Noon-1:00 Lunch & Recreation in Game Room

1:10-2:00 **Case studies in forensic science**

2:10-3:00 ACT/SAT/personal statement Prep 2 days / Professionalism and Guest Speakers 2 days

Fridays 9:00-noon Field Research

8/2/24 **Celebration** for students, families, guests

Q & A

- We want to hear from you: What questions do you have?



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