

A NOTE FROM YOUR NAF DIRECTORS

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We are both really excited to begin SY 22-23 in our new roles as the JRHS NAF directors and look forward to supporting the rich academic tradition of the Academies at Jackson-Reed HS. We will be working with our talented teaching teams and your students to create learning opportunities that will engage and inspire them to pursue their college and career goals.

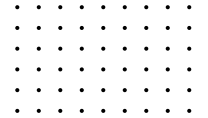
Please reach out to us with any questions or concerns! We are here to help.

Kindest regards,

*Regina McClure &
Brandon Wims*

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Welcome!

TO

NAF NIGHT

AN INTRO TO
THE ACADEMIES
AT
JACKSON-REED HS

September 27, 2022

Event Schedule

- 5:00-6:00 Academy Fair and Ice cream social (Atrium)
- 6:00-6:45 Whole group NAF info session (Auditorium)
- 6:45-7:15 Panel Q&A (Auditorium)
- 7:15-7:30 Closing



CAREER & TECHNICAL EDUCATION



CTE represents the overarching programs of study that provide high school students with opportunities to learn more about a particular field by taking engaging high school courses, earning industry-recognized certifications, obtaining college credit, and acquiring work experience. For SY22-23, JRHS offers seven CTE programs of study, which are enhanced by the NAF model.

NAF



NAF is a national non-profit that provides a standardized high school academy model featuring a sequence of courses (a "pathway") tailored to an academic focus. JRHS NAF Directors enhance the academics by coordinating industry visits, guest speakers, and internships or work-based learning opportunities.

Students who earn a C or above in their academy course sequence, complete a 120-hour internship, and graduate on time may earn a NAFtrack certification, which provides access to a nation-wide network of scholarship opportunities, jobs and internships, professional development, and mentors.

PROJECT LEAD THE WAY (PLTW)



PLTW is the vetted curriculum used for the Engineering, Information Technology, and Health Sciences Academies. The PLTW curriculum provides a sequence of specific courses that build and connect, while increasing in rigor. In each of the first three years, students take an end-of-course exam. In the fourth year, students can take a Capstone Course, which culminates in a Capstone Project, or they can complete an internship for which they receive a grade and course credit.

Students in the fourth year of the Health Science and Engineering Academies may opt to complete a year-long research project, advised by their instructor and a mentor in their field of interest, that culminates in an end-of-year presentation to community industry experts.

The Academies at Jackson-Reed HS

AN OVERVIEW OF JACKSON-REED'S LEARNING COMMUNITIES

ACADEMY OF INFORMATION TECHNOLOGY (COMP SCI)

Instructors - Alex Jacoby, Qi Guo, Dylan Coster
NAF Director Regina McClure

Course Sequence:
 V48: Computer Science Essentials
 V45: AP Computer Science Principles
 V46: AP Computer Science A
 V47: Honors Cybersecurity (PLTW) or V49: AIP* Computer Science



ACADEMY OF HEALTH SCIENCES (BIO MED)

Instructors - Danielle Krafft, Amanda Dezeno
NAF Director Regina McClure

Course Sequence:
 OH3: Principles of Biomed Science Level 1
 OH4: Human Body Systems Level 2
 OH5: Medical Interventions Level 3
 OH6: Biomedical Innovation Capstone Level 4 or OH7: AIP* Biomedical Sciences



ACADEMY OF ENGINEERING

Instructors - Zachary Myers, Romit Ghosh, Poonam Sharma
NAF Director Regina McClure

Course Sequence:
 ST1: Honors Intro to Engineering Design
 ST2: Honors Principles of Engineering
 ST3: Honors Digital Electronics or ST4: Honors Aerospace Engineering
 ST8: Honors Engineering Design & Development or ST9: AIP* Engineering



ACADEMY OF HOSPITALITY & TOURISM

Instructors - Tanard Hill
NAF Director Brandon Wims

Course Sequence:
 DH1: Principles of Hospitality & Tourism
 DH4: Travel & Tourism Management
 DG4: Hotel Management
 DG7: Practicum in Hospitality Services or DGB: AIP* Hospitality



ACADEMY OF FINANCE

Instructors - Anthony Evans, Deirdia Ward
NAF Director Brandon Wims

Course Sequence:
 BB1: Principles of Business, Marketing & Finance
 BB2: Private and Public Finance
 BB3: Accounting I
 BB4: AIP* Finance



ACADEMY OF CREATIVE MEDIA (A/V PRODUCTION & GRAPHIC DESIGN)

Instructors - Alexandra Stryker, Grover Massenburg, Shanette Covington
NAF Director Brandon Wims

Graphic Design Course Sequence:
 DM6: Principles of Arts, Audio, Video
 DT1: Graphic Design & Illustration
 DM7: Web Technologies
 DMA: Practicum in Information Technology (Digital Media)

A/V Production Course Sequence:
 QM1: Principles of Arts, Audio/Video Technology, Communications
 QM2: Audio/Video Production I
 QM3: Audio/Video Production II
 QMPR: Practicum in Audio/Video Production or QM7: AIP* Audio/Video Production



*ADVANCED INTERNSHIP PROGRAM (AIP)

Students who have completed the first three courses in their academy sequence have the option to take the 4th Capstone course or to apply for AIP. AIP is a school-year-long paid internship program, requiring an 8- to 12-hour per week commitment, for which the students are graded. Students submit AIP applications in April of their junior year. AIP is administered by DCPS and OSSE and supported by industry partners.

CAREER READY INTERNSHIP PROGRAM (CRI)

CRI is a 6-week, paid summer internship program for academy students that can be used to fulfill the internship requirement for NAFtrack certification. Priority placement is given to juniors and seniors; select sophomores may participate if they are on track and recommended by academy staff. Academy directors communicate the application window each year to families and support students as they prepare a resume, apply to the program, and interview for internship placement. Students have the option to complete their required internship hours through CRI or AIP; both are not required.

You can access course descriptions in the DCPS Course Guide at <https://bit.ly/3DOeNZS>

