

INNOVATION

A C A D E M Y

AUGUST 2021

PHILOSOPHY

Innovation Academy's (IA) philosophy emphasizes student collaboration, relevant learning, rigorous courses, and flexible scheduling to allow for deeper and more personalized learning experiences. Students will experience the curriculum through a problem-based learning environment where teachers and students work together to solve practical and complex issues. Our goal is for students to receive a rich and relevant educational experience that prepares them to be empathetic leaders in our everchanging society.

IA STUDENT TRAITS

- Inquisitive
- Collaborative
- Creative
- Analytical
- Well-rounded
- Empathetic
- Flexible
- Driven



INNOVATIVE CURRICULUM

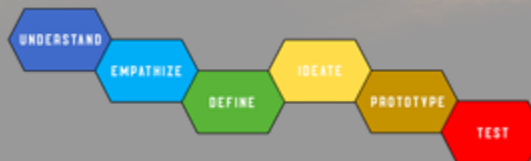
Innovation Academy offers an extension to the traditional high school experience. Each student will choose a career pathway within the school of Information Technology, Healthcare, or Engineering. IA's instructional approach is to deliver a curriculum designed by Fulton County Schools and GA Tech, with input from corporate advisory boards.



Students have the opportunity to take advanced courses within math, science, and humanities allowing them to gain a deeper understanding in these core subjects. These foundations can be blended into a meaningful cross-curricular experience within their career pathway.

In addition to high school graduation requirements, each student will participate in the Advanced Placement Capstone program that allows students to enhance their research, presentation, and teamwork skills.

DESIGN THINKING



Design Thinking is a cognitive process that revolves around creating a deep understanding for a problem and finding an innovative solution that enhances the outcome.

CAREER PATHWAYS

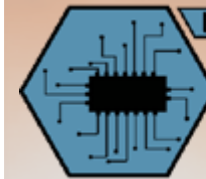
All students will complete a pathway while applying their academic knowledge in real-world, practical, and complex situations.

Expected areas of study for each pathway:



HEALTHCARE

Biotechnology
Nursing
Surgical Tech
Health Information Tech
EMT



INFORMATION TECH

Computer Science
Game Design
Cybersecurity
Internet of Things
Networking



ENGINEERING

Engineering and Technology
Mechatronics

THE IA SCHEDULE

Monday - Thursday:

- 8 Period Day
- Virtual class period
- Split Lunch / TESLA period (Tutoring, Enrichment, Strength & Wellness, Leadership, and Advisory)

Flex Friday:

- "TED Talks"
- Extended pathway labs
- Club meetings
- Academic support

HIGH TECH FACILITIES

At 244,000 square feet, IA's high-tech building creates the ultimate teaching and learning environment.

Facilities include:

- The Hangar, an expansive glass atrium
- Floating media center in the Hangar
- Four makerspace labs
- Flexible classrooms with mobile furniture
- Learning Hubs for flexible learning
- Leading edge 500-seat auditorium



Labs include:

- Healthcare labs equipped with an industry standard operating room, ambulance bay, and patient simulation observatory
- Large engineering labs with the space to design, create, and build student projects digitally and physically
- Numerous cutting-edge computer labs to learn about game design, cybersecurity, computer science, and networking



ROBUST ADVISORY

IA provides a robust advisory program that supplements the educational experience by assigning each student a team of advisors:

- **Counselor:** Individual Academic Planning, Small Group Counseling, Large Group Assemblies, Consultations, Post-Secondary Planning and Crisis Management
- **Staff Advisor:** Resource & Academic Consultant
- **Corporate Mentor:** Check-ins, Lunch Meetings, Workplace Experience
- **Peer Mentor:** Friend, Protector, Consultant



ENGAGED BUSINESS PARTNERS

To prepare tomorrow's workforce, Innovation Academy partners with leaders in STEM career fields to work directly with students and teachers to bridge the gap between school and the workplace.

Corporate Partners will provide:

- Curriculum input and guidance
- Personal coaching through mentor and internships programs
- Presentations via "TED Talks", workshops and workplace tours

QUICK FACTS

Innovation Academy will open to rising 9th and 10th grade students in August 2021.

Students living in the Alpharetta, Cambridge, Centennial, Chattahoochee, Johns Creek, Milton, North Springs, Northview, Riverwood or Roswell High School clusters will be eligible to attend Innovation Academy.

Applications will be available October 15, 2020 and are due by December 15.



Transportation from a student's home school will be available before and after school.



CONTACT US



@innovationacaga



@iafulton



www.fultonschools.org/innovationacademy

125 Milton Avenue
Alpharetta, GA 30009
470-254-5360

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County Schools
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