

Aviation Pathway

UNMANNED AIRCRAFT SYSTEMS DRONE PILOT

Course 1: Fundamentals of Aerospace

Students will gain a fundamental knowledge base in aviation history and regulations, the basic principles of flight, aerospace careers, and factors influencing work systems, aerospace technologies, and basic aviation meteorology.

Course 2: Aviation Meteorology

Students learn about atmospheric dynamics, air pressure and density, mid-latitude weather patterns, and specific aviation hazards like icing, turbulence, and thunderstorms.

Course 3: Flight Operations I

This course provides a foundation that enables the student to apply the basics of aircraft navigation and utilize efficient communication methods for safe aircraft operations.

Course 4: Unmanned Aircraft Systems

This course provides a foundation to prepare a student to earn a commercial license to pilot an unmanned aircraft system. Topics discussed include weather and effects of weather on an unmanned aircraft; types and uses of unmanned aircraft; pre-flight planning and checks; FAA requirements; technology and remote instrumentation; radio communications, plus much more. Students will have an opportunity to earn their remote pilot license by taking and successfully passing the FAA Part 107 Exam.



**Pathway can be
completed in one year!**

For more information:
See your high school counselor, or visit:
<https://pcca.paulding.k12.ga.us/>

