

CHCA Intercession 2020

January 6-17, 2020

Course Description for: ***Learn To Fly: Ground School***

Instructor(s): Bonnie Pritchard	
Course Type: Local Day (Greater Cinti Area)	Service Hours: 0
Maximum enrollment: 16	Minimum enrollment: 12
Cost:	\$600

Overview: Do you have an interest in earning your private pilot's license? Does the world of flight captivate you? If you are at least 15 years old, you can begin work toward obtaining a pilot's license by participating in Ground School at CHCA, taught by professional flight instructor Doug Macgoffin. ground training is the first step toward earning the license. Eager students will be qualified to take the FAA written knowledge test at the end of the course. We will also take two field trips related to local aviation history.

- Course Goals:**
- To explore the possibility of earning a private pilot's license
 - To complete the ground school work in preparation for taking the FAA written knowledge test
 - To learn about our local aviation history

Reading Component: Reading materials necessary for ground school

Writing Component: Work in ground school

Description:

The course devotes seven days to ground school study at CHCA with MacAir, where we learn about weather, airports, aircraft mechanics, and other requirements for flying. One day will include a field trip to the Greene Co. airport for a tour and simulator training, and another day will be spent at the Air Force Museum at Wright-Patterson. By the end of week two, students who want to pursue licensing will take the multiple-choice exam. Students will also learn about the in-air requirements necessary for completing a pilot license and can opt to purchase a discounted voucher for an introduction to in-flight training at a later date (TBD by the family and MacAir)

This course is well suited to: Students who have an interest in learning to fly

Cost: \$ 600

Additional costs: Lunches at fast food restaurants on two field trip days
Test fee, if applicable

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Other Information:

Please note students must be 15 years of age before January 6, 2020 to participate.

Exact days for field trips will be determined by the weather and scheduled accordingly.

MacAir Aviation

MacAir is pleased to offer its flight training services to support the Cincinnati Hills Christian Academy's request for an FAA ground school offering. MacAir proposes a tailored program based on our Part 141 (FAA approved) flight training program. MacAir proposes teaching the ground school class over a seven-day period at the Cincinnati Hills Christian Academy. MacAir will provide all material, support, and assistance necessary for the students to complete the program. Additionally, MacAir will host the students at Greene County Regional Airport, Xenia, OH for a one-day aviation orientation experience. During this orientation, the students will receive instruction on our flight simulators, and tour our aircraft maintenance facility. MacAir will leverage its programs and experience to provide the utmost in safety and support. We look forward to offering this ground school program for your students.

MacAir will provide an FAA approved ground school program for the students. The course is approximately 36 hours of instruction. This course meets the requirements for an FAA approved ground school and will be taught by one of our FAA certified flight instructors. They will provide the instruction for the ground school academics.

The course will be taught at the Cincinnati Hills Christian Academy in a provided classroom. The course will prep the students to prepare for the FAA written private pilot's test should they chose to do take the exam. The key subject areas that are taught include: Introduction to Airplanes, Four Forces, Stability, Basic Flight Maneuvers, Engines and Systems, Performance, Weight and Balance, E6-B Flight Computer, Flight Instruments, Federal Aviation Regulations, Weather Theory, Textual Weather, Airports and Lighting, Aerocharts, Airspace, Radio Procedures, Basic Navigation, Cross Country Planning, Radio Navigation, Aircrew Decision Making, Safety, and Physiology.
