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In partnership with:



Central Florida Aerospace Academy

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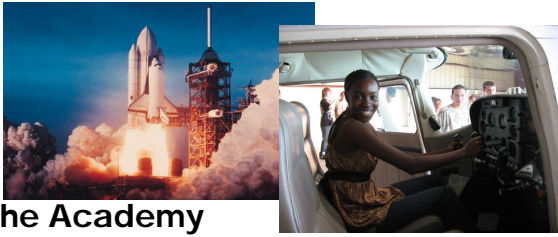


Central Florida Aerospace Academy

"Inspiring students to explore and reach new heights in air and space"



“When once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return.” - Leonardo da Vinci



The Academy

The vision of the Central Florida Aerospace Academy is to promote the lifelong process of learning by challenging students with a rigorous curriculum and tailored hands-on experiences with special focus on science, technology, engineering, and math. The academy will respond to the needs of industry by placing emphasis on teamwork, individual achievement, skill development, creativity, and innovation, as well as critical thinking. As students are prepared to be productive and responsible members of the workforce, the academy will instill in them an appreciation for professionalism, ethical behavior, and an awareness of global opportunities, while developing self-worth, high expectations, and a great respect among a diverse population of students and staff.

Admission

Prospective students can download an application from the academy website or email a request for an application CFAA@polk-fl.net

Basic Requirements

- Students must maintain a minimum un-weighted 2.5 GPA semester average to remain in the academy.
- Applicants may not have a past history of consistent and serious discipline problems.
- It is highly recommended that students successfully complete Algebra 1 during the 9th grade.



Pre-Engineering

Students will receive:

- A foundation of knowledge and technically oriented experiences in the study of aerospace engineering
- Experience with technological tools, machines, instruments, materials, processes, and systems in aerospace
- High school diploma
- Certification in the use of Auto CAD



Avionics

Students will receive:

- Preparation in careers as avionics technicians and radio mechanics
- Skills in troubleshooting, repairing, and installing airborne radio communications, navigation, and radar equipment systems
- High school diploma
- Certification in avionics

Aerospace Technologies

Students will receive:

- Introduction of the aerospace environment with a focus on flight, navigation, aircraft systems and design
- Understanding of the history of aviation and the role of the FAA
- High school diploma
- Completion of Private Pilot written exam



Air Force JROTC

Students will receive:

- Instruction in citizenship
- Introduction into civilian, industrial, and military aspects of aerospace
- Leadership skills to meet the greater responsibilities and challenges of those areas
- High school diploma
- Advanced pay grades in the armed forces
Credit toward a senior AFROTC program



Additional Benefits

- All programs at the academy provide students with a high school diploma
- Students have the opportunity to earn general and elective college credits toward an A.A. or A.S. degree
- Students are given the knowledge base to pass the FAA Private Pilot written exam which is one part of earning a FAA Private Pilot license
- Participation in Sun 'n Fun Future Eagles Aviation Club and Restoration Club
- Volunteer hours toward Bright Futures scholarships through the Sun 'n Fun
- Involvement in other high school clubs and athletics