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### In partnership with:



## Central Florida Aerospace Academy

### Address:

4040 Crossfield Way  
Lakeland, Florida 33811  
(Directly behind the Florida Air Museum)

**Website: [www.flycfaa.com](http://www.flycfaa.com)**



**Phone: 863-647-4761**

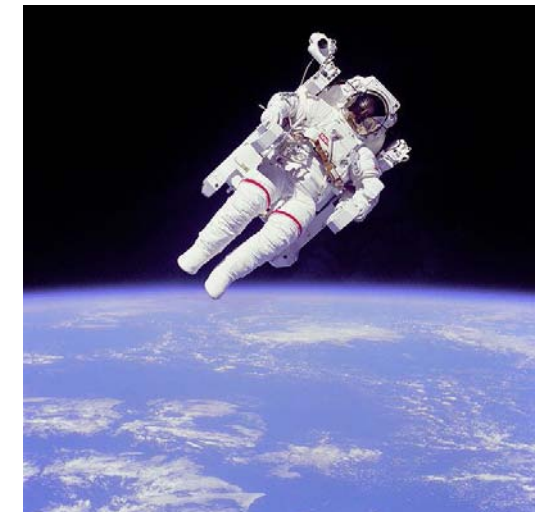
**Fax: 863-647-4764**

**E-mail: [CFAA@polk-fl.net](mailto:CFAA@polk-fl.net)**



# 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/Requirements

- Prospective students can apply online at [www.flycfaa.com](http://www.flycfaa.com) during the open enrollment windows.
- It is highly recommended that students be able to successfully complete Algebra 1 by the end of their 9th grade year.
- Applicants may not have a past history of consistent and serious discipline problems.
- Students must maintain a minimum unweighted 2.5 GPA semester average to remain in the academy.



## Pre-Engineering

Students will receive:

- Introduction to engineering fundamentals, hands-on experiments, and measurement labs
- Multidisciplinary engineering topics that parallel college courses in test and measurement; sound and vibration; electricity and electronics, control systems; fluid mechanics; materials; thermodynamics
- Individual capstone project or emphasis on applied aerospace engineering project
- 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
- Certificate in Avionics



## Aerospace Technologies

Students will receive:

- Introduction to the aerospace environment with a focus on flight, navigation, aircraft systems, and design of both aircraft and spacecraft
- Understanding of the history of aviation, space flight and the role of the FAA and NASA
- High School Diploma
- Completion of Private Pilot written exam



## Air Force JROTC

Students will receive:

- Introduction 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 and credit toward a senior AFROTC program



## Additional Benefits

- Students have the opportunity to earn general and elective college credits toward an A.A. or A.S. degree
- Participation in Sun 'n Fun Future Eagles Aviation Club and Restoration Club
- Volunteer hours toward Bright Futures scholarships through Sun 'n Fun
- Involvement in other high school clubs and athletics