

A large blue and white airplane is the central focus, parked on a tarmac. The sun is low on the horizon, creating a warm, golden glow. Several people are walking around the plane, and a white truck is visible on the right. In the background, other aircraft and airport buildings are visible under the sunset sky.

# Adelanto High School General Aviation Academy

| Launching August 2021

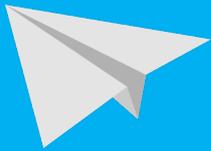
# What is an Academy?

Academies are **small learning communities** that provides students with a supportive, **personalized learning environment** through a school-within-a-school structure.

Academies are comprised of like minded students who **engage and collaborate** as they complete a well defined sequence of courses that combine **academic and occupation-related course** requirements.

The goals of the courses include promote **applied learning** and to satisfy **college entrance requirements**.

Academies also establish **partnerships with local employers** to provide **career awareness, work-based learning opportunities** and a **bridge to employment** for students.



# Designing the General Aviation Academy



Desire and vision to **expand opportunities** for students of AHS to have a **career** in the **high demand, high paying** industries available in our own backyard, **improving outcomes for our students and community.**



- A minimum of 25 10th grade students
- Students w/ a **B or better in 9th grade Math and Science**
- Interested in **Engineering, Aerospace**
- Commit to taking three years of AVA courses



Collaboration between AHS, VVUHSD, VVC, General Atomics, ComAV Technical Services to refine the vision and refashion the **SCLA School of Aviation** college courses to be offered on a high school campus.



Upon completion :

- Earn their **UV Composite License**
- Entry level Aerospace Composite Technician
- Prepared to continue education towards Aerospace Engineering

# 10th

AVA50A (4 units) and AVA50B (4 units)

- 7th period w/ VVC instructor
- Complete CTE Auto Pathway

# 11th

AVA75 (4 units) and AVA76 (3.5 units)

- 6th period
- UC/CSU Physical Science
- 1 day per week @ VVC

# 12th

AVA 77 (6 units)

- 6th period
- UV Composite License
- 2 x per week hands on @ SCLA hangar



Work as an entry level AEROSPACE COMPOSITE TECHNICIAN and/or continue towards AMP

- General Atomics, Lockheed Martin
- \$50,000 - \$70,000, 401K
- Eligible for entry into an Aerospace Engineering training program to earn Aviation Maintenance Professional (AMP) certification
- Employers willing to pay for continued training!

✓ Multiple pathways for future: College and Career Readiness

✓ Experiential Learning

✓ Rigorous and relevant courses aligned to student interest

✓ Career advice from current professionals

✓ Strengthen math, physics, engineering and soft skills required by employers



# Advantages for students





**Our  
Commitment**

“The AHS Aviation Academy will prepare students for careers in the Aviation field by engaging all students in a rigorous sequence of mathematics, science, CTE and VVC courses.

The three year preparation is enhanced by the focused instruction, hands on experience and the service-learning opportunities outside of the classroom through community partnerships and collaboration.

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Thank You!