

AVIATION ACADEMY

Sample Schedule

University of Colorado at Colorado Springs

July 18 - 27, 2025

Day One **Arrival of Scholars**
Orientation at University of Colorado at Colorado Springs

Day Two **Design Thinking**
Keynote Speaker, Leroy Chiao, Ph.D.
Color Code Workshop
Introduction to Design Simulation
Flight V-Log: Kickoff

Day Three **Career Navigation**
Campus Tour
Admissions Briefing
College Panel: Ask undergraduate and graduate students
 questions about the college experience
Offsite Experience: National Museum of WWII Aviation

Day Four **Falcon AeroLab Part I**
Intro to Basic Aerodynamics Parts Inventory
Flight Experience: iFly

Day Five **Falcon AeroLab Part II**
Main Wing Assembly
Fuselage Assembly
Empennage Assembly
Flight Experience: Helicopter Flights

(continued on reverse)

**This is a sample schedule of the types of events that may be included in a career focused program and is not intended to represent a specific schedule for the program. All events, speakers, and site visits are subject to confirmation, cancellation, and change without prior notice.*

Day Six

Falcon AeroLab Part III

Assemble Control Arms
Electronic Speed Control
Attach Receiver
Flight Experience: Powered Flights

Day Seven

Falcon AeroLab Part IV

Configure Transmitter
Aircraft Tuning
Flight Experience & Exclusive Site Visit:
United States Air Force Academy Tour

Day Eight

Falcon AeroLab Part V

Fly Day Experience at Radio Control Airplane Airpark
Wings Over the Rockies Air and Space Museum Experience
Old Colorado City Historic District

Day Nine

Methods of Flight

Flight V-Log: Compile Footage
Flight V-Log: Final Presentations
Final Group Meeting

Day Ten

Farewell & Departure

Closing Session: Program Debrief

