

AVIATION ACADEMY

Sample Schedule

University of Colorado at Colorado Springs

July 6- 15, 2024

Day One **Arrival of Scholars**
Host Campus Tours & Orientation at University of Colorado
at Colorado Springs
Introduction to Design Simulation
Flight V-Log: Kickoff

Day Two **Design Thinking**
Color Code Workshop
Admissions Briefing
College Panel: Ask undergraduate and graduate students
questions about the college experience
Keynote Speaker, Leroy Chiao, Ph.D.

Day Three **Falcon AeroLab Part I**
Intro to Basic Aerodynamics Parts Inventory
Flight Experience: iFly
MyActionPath Career Assessment

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

Day Five **Falcon AeroLab Part III**
Assemble Control Arms
Electronic Speed Control
Attach Receiver
Flight Experience: Powered Flights

**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 IV

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

Day Seven

Falcon AeroLab Part V

Fly Day Experience at Radio Control Airplane Airpark
Wings Over the Rockies Air and Space Museum Experience

Day Eight

Methods of Flight

Offsite Experience
Old Colorado City Historic District
Flight V-Log: Compile Footage
Speaking Event

Day Nine

Career Navigation

Campus Tour and Bookstore
Flight V-Log: Final Presentations
Final Group Meeting
Project Presentations

Day Ten

Farewell & Departure

Closing Session: Program Debrief

