



PEGASUS: AERIAL

Non-Certified Student Path (Ages 10+)

About The Instructor:

*Arif Kassum is a **Canadian certified teacher and Transport Canada certified advanced drone operator** with over 15+ accumulated experience teaching and operating drones from K-12 in North American classrooms. Mr. K's drone programming's best feature is the instruction itself. His methods of engagement provides students with a sense of place, ownership and pride as they dive into new technologies.*

Half-Day Workshop

Program Overview

The Half-Day Aerial Systems Workshop is a structured introduction to safe drone flight and aerial systems for Grades 6+. Students learn core aviation safety principles, aircraft components, and basic flight controls before participating in **supervised flight rotations**. Emphasis is placed on operational awareness, responsible decision-making, and understanding how drones are used in industries such as environmental monitoring, infrastructure inspection, and media production.

Includes

- Introduction to aviation safety principles
- Basic flight controls & maneuver practice
- Team-based mini mission challenges
- Collaborative, high-impact, and highly engaging drone design challenge
- Structured rotation flight models

Value Added

- Accessible STEM engagement
- Confidence-building hands-on experience
- Ideal entry point before certification pathway
- Sparks interest in aviation & emerging technologies

**\$800 per half-day
workshop
(Max 25 students)**



Full-Day Workshop

Program Overview

Full-Day Aerial Innovation Workshop provides an immersive aerial systems experience that deepens hands-on flight skill and applied problem-solving. Students build confidence through extended **supervised flight rotations and structured maneuver progression**. Mission-based challenges such as precision navigation tasks and simulated mapping exercises promote collaboration, strategic thinking, and operational planning. Throughout the day, instructors reinforce aviation safety culture and real-world applications across engineering, logistics, and environmental research. This format offers meaningful depth and serves as a strong feeder pathway into Pegasus Aerial Certification programs.

Includes

- Introduction to aviation safety principles
- Basic flight controls & maneuver practice
- Team-based mini mission challenges
- Collaborative, high-impact, and highly engaging innovation challenge
- Structured rotation flight models with extended flight rotations
- Introduction to Aerial Photography and Filmography
- Drone Racing

Value Added

- Strong collaboration & design thinking development
- Deeper hands-on experience
- Applied real-world aviation experience
- Clear pathway into certification track
- High-impact school-wide engagement option
- Great stand-alone experience or feeder into certification pathway



**\$1,250 per full-day
workshop**
(Max 25 students)