

AVIATION AND DESIGN

The **Aviation and Design program** is designed in cooperation with Camosun College, South Island Partnership, Victoria Flying Club, Viking Air, Vancouver Island Helicopters, Pacific Sky and Harbour Air. Students in Grade 10, 11 and 12 in the Victoria, Sooke and Saanich School Districts are invited to apply to this program. This program will run in first semester.

Students will experience a variety of learning opportunities in the sectors of aviation, design, engineering, metal fabrication, machining, and flight.

In this program students will:

- Earn credit for high school and post-secondary courses:
 - i. Aviation Systems and Design 12
 - ii. Aviation Fabrication 12
 - iii. Introduction to Aviation 12 - Ground School and Flight Practice
 - iv. Work Experience 12A
 - v. TEAC 105 - Camosun Engineering Exploration
- Work towards Transport Canada Ground School Certification - eligible for their Private Pilot's License (PPL)
- Work with local aviation sector employers through work experience placements
- Attend and visit local technical training facilities for TEAC 105 and aviation related projects

Program Details

- Location Mt. Doug Secondary School, Victoria Flying Club, and Camosun College
- Dates First Semester
- Duration - 1 semester – September - January
 - i. Monday - Friday - Class instruction based out of Mt. Doug Secondary
 - ii. TEAC - Based at Camosun College - Interurban Campus
 - iii. Work Experience - 5 weeks of Work Site Placements - Monday - Thursday
 - iv. Ground School Training - Victoria Flying Club

Credits

Ministry of Education Courses

- Aviation Systems and Design 12 4 Credits
- Aviation Fabrication 12 4 Credits
- Introduction to Aviation 12 4 Credits
- Work Experience 12A 4 Credits

Post-Secondary Credit Courses

- TEAC 105 (Camosun Engineering Exploration) 4 Credits

Certifications

- Ground School Certification with Victoria Flying Club
(Private Pilot's License Certification - PPL)

Student Outcomes

- Exposure to a variety of career and training pathways in the sector of aerospace, manufacturing, and engineering aviation
- Post-Secondary credit laddering to a variety of post-secondary program pathways
- Certification with Transport Canada's Ground School - Leading to Private Pilot's License (PPL) (Based on exam results)
- Work Experience leads to community connections, employment opportunities and further post-secondary education pathways



Contact Lindsay Johnson (ljohnson@sd61.bc.ca) (250-475-4182) for more details.