

**GREATER VICTORIA SCHOOL DISTRICT  
PRESENTS:**



# **AVIATION & DESIGN**

**Have You Considered a Career in **AVIATION** and **DESIGN**?**

February 2017, Mt. Doug is hosting a district-wide, semester long aviation and design program. In this program students will:

- **EARN credit for High School and Post-Secondary Courses:**
  - Technology Education 12 - Industrial Design
  - Technology Education 12 - Metal Fabrication & Machining
  - TEAC - Engineering Sampler in Partnership with Camosun College
  - Work Experience 12A
- Achieve Transport Canada Ground School Certification and Co-Pilot Three Flights
- Work with Local Aviation and Design Employers
- Visit Technical Training Facilities for TEAC 105 and Aviation Related Projects

**Mt. Doug Secondary · February - June 2017**

**Partnering With Viking Air, Victoria Flying Club  
Pacific Sky, VIH Aviation Group & Camosun College**

Contact your Career Centre Coordinator for more information  
or the District Career Office at **250.475.4183**

**APPLICATIONS ARE DUE BY NOVEMBER 30, 2016**

## **Careers and Transitions/Aviation & Design**

***Are you ready to explore the aviation and aerospace industry?***

***How about...***

- ***Learning how to fly a plane***
- ***Building Radio-controlled Airplanes***
- ***Applying Engineering & Aerospace Design***

This February 2016, Mt. Doug is hosting a district-wide, *semester-long* aviation and design program.

In this program students will:

- Earn credit for five high school and post-secondary courses:
  - Tech Ed 12 – Industrial Design
  - Tech Ed 12 – Metal Fabrication/Machining
  - Work Experience 12A
  - TEAC 105 (a Camosun Engineering Sampler course)
  - Introduction to Aviation 12 (Transport Canada's Ground School Certification)
- Work with local aviation employers through work experience placements
- Visit local technical training facilities for TEAC 105 and Aviation-related projects
- Co-pilot three flights!

If you are interested in exploring our Aviation program further, please take a look at our poster and application on the following pages...



**GREATER VICTORIA SCHOOL DISTRICT  
PRESENTS:**

# **AVIATION & DESIGN**

**Have You Considered a Career in **AVIATION** and **DESIGN**?**

February 2017, Mt. Doug is hosting a district-wide, semester long aviation and design program. In this program students will:

• **EARN credit for High School and Post-Secondary Courses:**

- Technology Education 12 - Industrial Design
  - Technology Education 12 - Metal Fabrication & Machining
  - TEAC - Engineering Sampler in Partnership with Camosun College
  - Work Experience 12A
- Achieve Transport Canada Ground School Certification and Co-Pilot Three Flights
  - Work with Local Aviation and Design Employers
  - Visit Technical Training Facilities for TEAC 105 and Aviation Related Projects

**Mt. Doug Secondary · February - June 2017**

**Partnering With Viking Air, Victoria Flying Club  
Pacific Sky, VIH Aviation Group & Camosun College**

**Contact your Career Centre Coordinator for more information  
or the District Career Office at **250.475.4183****

**APPLICATIONS ARE DUE BY NOVEMBER 30, 2016**



**Career Education**  
556 Boleskine Road, Victoria, BC, V8Z 1E8  
Tel: (250) 475-4183 Fax: (250) 475-4115

# **AVIATION & DESIGN**

## **Student Package**

**Revised:** September 2016

**In addition to completing this application, please include the following:**

1. Current Transcript
2. Attendance Record
3. Statement of Commitment (attached)

**If you require further information, please call  
Anna Lisa Bond or Nicola Priestley, Career Programs  
250-475-4183  
GREATER VICTORIA SCHOOL DISTRICT # 61**

# AVIATION & DESIGN PROGRAM APPLICATION FORM

Student Name: \_\_\_\_\_

School: \_\_\_\_\_

PEN #: \_\_\_\_\_ Student #: \_\_\_\_\_

Home Address: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

Email Address: \_\_\_\_\_

Care Card #: \_\_\_\_\_

**Ministry Designation (if applicable):**

\_\_\_\_\_

**Principal's Note of Recommendation to Aviation Program:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
**Principal Signature**

**Date :** \_\_\_\_\_

\_\_\_\_\_  
**Parent Signature**

**Date :** \_\_\_\_\_

\_\_\_\_\_  
**Student Signature**

**Date :** \_\_\_\_\_

## STATEMENT OF COMMITMENT

Please write a paragraph outlining why you wish to participate in the Aviation & Design program, what your commitments are and what you are hoping to get out of this program upon completion.

[illegible]

\_\_\_\_\_ **Student Signature**

Date \_\_\_\_\_





*2016 - 2017*

***COURSE APPLICATION PACKAGE***

Revised September 2016  
Submit to your Secondary School  
Career Education Contact or Coordinator



## SOUTH ISLAND PARTNERSHIP COURSE APPLICATION INFORMATION

### GETTING STARTED

- Students and parents **meet with a school career coordinator/counsellor** to discuss SIP course options.
- **Visit our website:** [camosun.ca/learn/south-island-partnership](http://camosun.ca/learn/south-island-partnership). Questions can be directed to your school career coordinator/counsellor or the SIP office (250-370-4208, email [SIP@camosun.bc.ca](mailto:SIP@camosun.bc.ca)).
- **Important:** college course(s) will be recorded on your permanent post-secondary file. Careful consideration is to be made when deciding to take a post-secondary course.
- Students should not take a post-secondary course unless they have met the pre/co requisites and they are prepared to attend all classes and complete all required assignments.
- **Withdrawal Process:** If for any reason you are not able to fully participate in the post-secondary course (attend all classes and complete all required assignments), you may withdraw from the course without academic penalty prior to completion of 66% of the course. Please inform your Camosun instructor, the SIP office (250-370-4208), and your school career coordinator/counsellor of your withdrawal immediately.
- **Individual Education Plan (IEP):** Students with a learning condition or other disability which may require additional support services should make an appointment with the *Disability Resource Centre* (250-370-4049).

### HOW TO APPLY (please complete all forms in ink)

- See your school career coordinator/counsellor for assistance completing this package.
- Return the completed application package to your school career coordinator/counsellor for submission to SIP office
- Apply to Camosun through [applybc.ca](http://applybc.ca) – see attached instructions
- Students are accepted based on meeting qualifications and date of application received in the SIP office.
- Where applicants exceed availability, a waitlist may be established.

### APPLICATION SUBMISSION CHECKLIST (please complete all forms in ink)

- ☐ Signed Course Selection and Permission to Release Information Form (one for each semester)
- ☐ Completed and signed Responsibility Agreement - school requirement
- ☐ Completed and signed Student Education/Transition Plan - school requirement
- ☐ Transcript of marks for the last completed year, including grades ten and eleven
- ☐ Teacher Recommendation Form, where applicable
- ☐ Completed and signed Sponsorship Form, where applicable
- ☐ Required documentation for International students and permanent residents
- ☐ English Assessment, where applicable
- ☐ Applybc online application and credit card payment \*non-refundable, good for 12 consecutive months for SIP program

### NOTES:

- **Incomplete or late applications will delay registration**
- Tuition fees will be paid by your school district if a completed and signed sponsorship form is provided.
- You are responsible for the non-refundable application fee, textbooks, equipment, supplies, and clothing.
- Fees may change without notice.

### DUAL CREDIT PROCESS

- Students will receive high school credits and marks on their high school transcript.
- Students will also receive college credit for the course. Apply for a college transcript to receive your report.  
<http://camosun.ca/services/documents/transcript-request.pdf>

**Course Acceptance Disclaimer:** These courses may not be governed by Camosun College's policies on admission and academic progress and promotion.





## PERMISSION TO RELEASE INFORMATION & AUTHORIZATION TO ACT ON MY BEHALF

The *British Columbia Freedom of Information and Protection of Privacy Act* provides that the college may not release any information pertaining to student records to anyone other than the student owner of the record without the student's consent.

Further, the college does not normally allow any person other than the student to conduct student-related business with the College on behalf of the student.

In order to allow the South Island Partnership and your parent(s)/guardian(s) to conduct student-related business on your behalf, you must complete and submit this form as part of the SIP application package.

Student Name: \_\_\_\_\_  
Legal Last Name (print) Legal First Name (print) Preferred First Name (print)

Email: \_\_\_\_\_ Phone: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

### To the Registration Department and the South Island Partnership:

The following secondary school \_\_\_\_\_

and Parent(s)/Guardian(s) (please print) \_\_\_\_\_

have permission for the following academic year(s) (e.g. 2016/17) \_\_\_\_\_ to access my student records and conduct student-related business on my behalf while I am registered in a South Island Partnership course/program.

Student Signature: \_\_\_\_\_

PEN #: \_\_\_\_\_ ABORIGINAL (Y/N): \_\_\_\_\_ SPECIFY (STATUS/NON-STATUS/METIS/INUIT): \_\_\_\_\_

IEP (Y/N): \_\_\_\_\_ CANADIAN CITIZEN (Y/N): \_\_\_\_\_ PERMANENT RESIDENT (Y/N): \_\_\_\_\_ (IF YES, INCLUDE COPY OF CARD FRONT AND BACK)

INTERNATIONAL (Y/N): \_\_\_\_\_ (IF YES, INCLUDE COPIES OF VISA & PASSPORT INFORMATION)

SIP COURSE SELECTION* (E.g. MATH 100 or ENGL 151, Include section number if attending at Lansdowne or Interurban campus)		
COURSE	SECTION NUMBER	COURSE START DATE ____ / ____ / ____
COURSE	SECTION NUMBER	COURSE START DATE ____ / ____ / ____
COURSE	SECTION NUMBER	COURSE START DATE ____ / ____ / ____

**\*We will do our best to accommodate your selection(s), however, seats are not guaranteed**

OFFICE USE ONLY: Camosun Student #: C \_\_\_\_\_

Questions? Email [SIP@camosun.bc.ca](mailto:SIP@camosun.bc.ca)



## TEACHER RECOMMENDATION FORM

*This form is required if a pre/co-requisite has not been met.  
If the English 12 requirement has not been met, we **strongly** suggest  
that the student take the English assessment.*

*See the Assessment Centre for more information -  
<http://camosun.ca/services/assessment-centre/>*

**NOTE:** *This recommendation does not guarantee placement in a course.  
The final decision is made by the Camosun Department Chair.*

*Provide a separate Recommendation Form for each missing pre/co-requisite*

*For more information regarding pre or co-requisites, assessment, or group sponsorship forms,  
please contact the SIP office - 250-370-4208 or [sip@camosun.bc.ca](mailto:sip@camosun.bc.ca)*

Student name: \_\_\_\_\_

Camosun College course applied for: \_\_\_\_\_

Prerequisite/co-requisite needed: \_\_\_\_\_ (e.g. English 12, Math 11)

The student is projected to achieve a final grade/percent of \_\_\_\_\_ in \_\_\_\_\_  
(e.g. English 12, Math 11)

**Skills Assessment** - Please rate the student on the following areas:

1) Excellent   2) Good   **\*3)** Average   **\*4)** Needs Improvement   **\*5)** Not ready at this time

Writing Skills \_\_\_\_\_

Work Ethic \_\_\_\_\_

Reading Skills \_\_\_\_\_

Numeracy Skills \_\_\_\_\_

Please comment on student readiness for post-secondary learning. (Comments required for \*3, \*4, \*5)

---

---

---

Teacher Name

Teacher Signature

Date (day/month/year)



## STUDENT EDUCATION/TRANSITION PLAN



Develop your Education/Transition Plan. Include courses required for entry into the program you will participate in while attending Camosun College.

Name: \_\_\_\_\_ High School: \_\_\_\_\_ Date: \_\_\_\_\_

1. Ensure you have included and considered your graduation requirements in your Education/Transition Plan.
2. You may need to modify your timeline to achieve your graduation requirements & participate in the program.
3. Complete the 3-Year Education/Transition Plan in full, beginning with your Grade 10 courses.
4. Timetable changes should be made with the approval of your school's Career Coordinator/Counsellor.
5. Include any Dual Credits and SSA Credits in your predicted credit count.

Students are required to complete a minimum of <b>80 credits</b> (equivalent to 20 four-credit courses) in Grades 10 - 12 for graduation. Most students choose to complete more than 80 credits.		
<b>1. Required Courses - 52 credits in courses listed below:</b>		
Course	Credits	Credits
English 10	4	4
Fine Arts or Applied Skills 10, 11, 12	4	4
Science 10	4	4
Mathematics 10	4	4
Physical Education 10	4	4
Planning 10	4	4
Social Studies 10	4	4
<b>Note:</b> Graduation = Minimum 4 Grade 12 level courses + * Graduation Transitions 12		

**2. Elective Courses - 28 credits**  
Students can choose to complete elective requirements through a Dual Credit Transition Pathway offered by the South Island Partnership

### Transition Pathway:

- ☐ Business ☐ Communications ☐ Health  
☐ Technology ☐ Trades

### Specific Career:

Year	Year		Year		Year		Year
Gr 10 Sem 1	Gr 10 Sem 2	Gr 11 Sem 1	Gr 11 Sem 2	Gr 12 Sem 1	Gr 12 Sem 2	Transition Program/Course(s) Sem 1      Sem 2	
Total Credits:		Total Credits:		Total Credits:		Total Credits:	
Total Credits Predicted (Required + Elective) =				Predicted Graduation Date:			

Teacher/Counsellor (Print Name) \_\_\_\_\_ Parent/Guardian (Print Name) \_\_\_\_\_

Teacher/Counsellor Signature \_\_\_\_\_ Parent/Guardian Signature \_\_\_\_\_

Student Signature \_\_\_\_\_



## RESPONSIBILITY AGREEMENT - COURSES

### High School/School District, SIP, and Camosun Responsibilities

We will:

- provide tuition funding (NB: students are responsible for the application fee)
- inform you of the requirements specific to your course(s) and provide you with background information on requirements for Camosun College
- assist you to meet all prerequisites and create an Education/Transition Plan that maps your final years of high school
- help you to complete a SIP application package and submit it to SIP on your behalf 8 or more weeks prior to the start of your course(s)
- work with SIP to ensure you are enrolled in your course(s)
- provide you with student support services as needed (assessment, learning skills, math upgrading, counselling, disability resources)
- encourage you to be proactive in informing the Disability Resource Centre of your specific learning needs and IEPs (make an appointment with our DRC by calling 250-370-4049)
- liaise with your parents, high school teachers, and Camosun instructors regarding your college progress and participation
- provide post-secondary marks to your high school for graduation credits

### Student Responsibilities

As a South Island Partnership student, I agree to:

- ☐ ensure that I have met all prerequisites
- ☐ submit a completed application package and the application fee to my school career counsellor at least 8 weeks before the start of my course(s)
  - I understand that without a completed and submitted application, I will not have access to the D2L (online) component of my course(s)
- ☐ contact a post-secondary academic advisor if I am taking **more than two** Dual Credit courses
- ☐ purchase required textbooks, support materials, equipment, and clothing
- ☐ be prepared for the rigors of a first year post-secondary course which include:
  - a commitment to matching course hours with home study
  - high standards in writing competency and attention to detail in written assignments
- ☐ contact my instructor if I will be absent or late; I understand that punctuality and attendance are mandatory requirements of Camosun College
- ☐ inform my Camosun instructor, my school counsellor, and the SIP office (250-370-4208) if I drop a course  
**Dropping a course only happens before the end of the second week of course start up without financial or academic penalty.**
- ☐ inform my Camosun instructor, my school counsellor, and the SIP office of withdrawal from my course(s)
  - **Failure to withdraw in advance of 66% of course completion may result in an "F" on both my high school and post-secondary transcripts; (withdrawal must occur before the final third of the course begins)**
- ☐ follow the Camosun College Student Conduct Policy (refer to <http://www.camosun.bc.ca/learn/becoming/policies.html>)
- ☐ respect that my home school Code of Conduct applies to all courses and programs
  - *respect, compliance, and effort are required at all times*

Student Name (please print clearly): \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ High School: \_\_\_\_\_

Parent/Guardian Name (please print clearly): \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Career Counsellor Name (please print clearly): \_\_\_\_\_

## APPLYBC INSTRUCTIONS FOR STUDENTS TAKING A DUAL CREDIT COURSE

1. Go to <https://apply.educationplannerbc.ca/>
2. Select an institution: **Camosun College** (top right)
3. Click on Apply Now
4. Create an Account
5. Create a USER ID and Password.

USER ID: First Name.Last Name – ex. Jane.Smith

Password: First initial, Last Name and year of birth – ex. Jsmith1999

6. Once you have successfully created an account, you will receive an e mail confirming your USER ID
7. Next, you will need to fill in your contact information
8. Select YES for emergency contact and enter your parent/guardian information
9. Enter your high school information
10. At the Program screen, select **South Island Partnership**, select your subject area and for Program select **Dual Credit Courses – South Island Partnership** \* if dual credit does not come up under program, select a different subject area
11. Under Additional Information, select “**NO**” for Agent information for international students
12. Save and Continue – the last step is to pay so you can save your information to this point and return using your USER ID and password when you have access to a credit card
13. Pay the application fee. This is non-refundable, and valid for a continuous 12 months for South Island Partnership courses.
14. Print a receipt and give to your Teacher or Career Coordinator as proof you have completed the online application.

\*\* The online application is only one part of your registration process. You will also need to complete a South Island Partnership application package provided by your Teacher or Career Coordinator.



# TEAC 105 - EXPLORATIONS IN TECHNOLOGY

## Upon successful completion of this course you will be able to:

Identify careers in the 4 technology fields (Civil Engineering, Mechanical Engineering, Electronics, and Computer Science)

**Civil Engineering** - Identify various civil engineering projects and the role that civil engineering plays in each, apply civil engineering methods and calculations to a simple design and civil engineering project.

**Mechanical Engineering** - demonstrate simple 3D CAD modeling skills, basic shop skills and safety techniques, and identify the design elements associated with the completion of a small mechanical engineering project.

**Electronics** - create a simple electronics circuit, describe simple microcontroller programming concepts, and list the elements of and build a small electronics project.

**Computer Science Technology** - use a programming language to examine the fundamentals of software design and development.



SECTION	SEATS	SPECIAL FEATURES	DETAILS
1	18	Girls in technologies	Open to girls in grade 10, 11, or 12
2	18	Aviation focus	Open to students in the Mt. Doug Aviation Program
3	18	Technologies focus	Open to any student in grade 10, 11, or 12
4	18	Technologies focus	Open to any student in grade 10, 11, or 12

### Course Details:

Structure: 3 hours per week for 12 weeks - 9 hours per Technology area

Start /End: Feb 26 – May 27, 2016 (NO CLASSES DURING SPRING BREAK)

Time: Fridays - 3:00 pm – 6:00 pm

Location: Interurban Campus – Technology Building

Prerequisites: None

Costs: Students are responsible for paying the application fee of \$39.41



# CONTACTS

## District Careers & Transitions Coordinator

Nicola Priestley
Phone: 250-475-4182
Fax: 250-475-4115
Email: <a href="mailto:npriestley@sd61.bc.ca">npriestley@sd61.bc.ca</a>

## Middle School Careers & Transitions Coordinator

Anna Lisa Bond
Phone: 250-475-4183
Fax: 250-475-4115
Email: <a href="mailto:albond@sd61.bc.ca">albond@sd61.bc.ca</a>

## Career Centre Coordinators

Esquimalt	Tarra Clarke	250-382-9226	<a href="mailto:mhazelton@sd61.bc.ca">mhazelton@sd61.bc.ca</a>
Lambrick Park	Bonnie Alexander	250-477-0108	<a href="mailto:balexander@sd61.bc.ca">balexander@sd61.bc.ca</a>
Mount Doug	Stephanie Dawson	250-477-6977	<a href="mailto:kmacintosh@sd61.bc.ca">kmacintosh@sd61.bc.ca</a>
Oak Bay	Shannon Giesbrecht	250-598-3361	<a href="mailto:sgiesbrecht@sd61.bc.ca">sgiesbrecht@sd61.bc.ca</a>
Reynolds	Lynne Turnbull	250-479-1696	<a href="mailto:mmiller@sd61.bc.ca">mmiller@sd61.bc.ca</a>
SJ Willis	Kyla Belvedere	250-360-4321	<a href="mailto:kbelvedere@sd61.bc.ca">kbelvedere@sd61.bc.ca</a>
Spectrum	Shauna Johnson	250-479-8271	<a href="mailto:sbrennan@sd61.bc.ca">sbrennan@sd61.bc.ca</a>
Vic High	Shelly O'Hara	250-388-5456	<a href="mailto:sohara@sd61.bc.ca">sohara@sd61.bc.ca</a>

## Career Teacher Contacts

Esquimalt	Ken Henderson	250-382-9226	<a href="mailto:khenderson@sd61.bc.ca">khenderson@sd61.bc.ca</a>
Lambrick Park	Bonnie Alexander	250-477-0108	<a href="mailto:baalexander@sd61.bc.ca">baalexander@sd61.bc.ca</a>
Mount Doug	Catrin Prevost & Mike Verhagen	250-477-6977	<a href="mailto:cprevost@sd61.bc.ca">cprevost@sd61.bc.ca</a> <a href="mailto:mverhagen@sd61.bc.ca">mverhagen@sd61.bc.ca</a>
Oak Bay	Ron King	250-598-3361	<a href="mailto:ronking@sd61.bc.ca">ronking@sd61.bc.ca</a>
Reynolds	Patricia Daniells	250-479-1696	<a href="mailto:pdaniells@sd61.bc.ca">pdaniells@sd61.bc.ca</a>
S.J. Willis	Kyla Belvedere	250-479-1696	<a href="mailto:kbelvedere@sd61.bc.ca">kbelvedere@sd61.bc.ca</a>
Spectrum	Lindsay Johnson	250-479-8271	<a href="mailto:ljohnson@sd61.bc.ca">ljohnson@sd61.bc.ca</a>
Vic High	Stew Wheeler	250-388-5456	<a href="mailto:swheeler@sd61.bc.ca">swheeler@sd61.bc.ca</a> <a href="mailto:kablecic@sd61.bc.ca">kablecic@sd61.bc.ca</a>

## Career Counsellors

Esquimalt	Allyson Hoffman	250-382-9226	<a href="mailto:ahoffman@sd61.bc.ca">ahoffman@sd61.bc.ca</a>
Lambrick Park	Ed Somers	250-477-0108	<a href="mailto:esomers@sd61.bc.ca">esomers@sd61.bc.ca</a>
Mount Doug	Megan Jory	250-477-6977	<a href="mailto:mjory@sd61.bc.ca">mjory@sd61.bc.ca</a>
Oak Bay	Lorna Maximick	250-598-3361	<a href="mailto:lmximick@sd61.bc.ca">lmximick@sd61.bc.ca</a>
Reynolds	Jeff Loukes	250-479-1696	<a href="mailto:jloukes@sd61.bc.ca">jloukes@sd61.bc.ca</a>
SJ Willis	Amanda Chan	250-479-1696	<a href="mailto:achan@sd61.bc.ca">achan@sd61.bc.ca</a>
Spectrum	Dan Berger	250-479-1696	<a href="mailto:dberger@sd61.bc.ca">dberger@sd61.bc.ca</a>
Vic High	Martha Dietiker	250-388-5456	<a href="mailto:mdietiker@sd61.bc.ca">mdietiker@sd61.bc.ca</a>