

# Medical Radiography (MRAD) Program Information Session



\* Note, completing this information session is a pre-requisite for entry into this program.  
Upon completion, you will be asked to complete a short survey.



# Agenda

- Welcome and Opening Remarks
- Presentation
- Preparing for your application
- Questions and answers
- Tour of Classroom and Labs





# Territorial Acknowledgement

Camosun College respectfully acknowledges that our campuses are situated on the territories of the Ləkʷəŋən (Songhees and Kosapsum) and W̱SĆNEā peoples. We honour their knowledge and welcome to all students who seek education here.



## Q: What are x-rays?



A: X-Rays are a type of radiation that when transmitted through a body or object, produces an image of what is inside!

# Q: What are x-rays used for?



**A: X-rays are used to help physicians diagnose and treat disease and injury.**

# What is Medical Radiography?

- It is the art and science of producing medical images using x-radiation
- A Medical Radiation Technologist produces images that a radiologist interprets to aid in diagnosing a patient
- Prepares graduates for advanced training and education in imaging specialties such as CT, Breast Imaging, Magnetic Resonance Imaging (MRI)

# Things you should know about the day-to-day practice of a medical radiography technologist:

- it is a physically demanding job, requiring you to push wheelchairs and stretchers, transfer patients, maneuver mobile x-ray equipment, and more
- medical imaging departments see millions of patients each year in BC, requiring technologists to work efficiently while ensuring patient care and safety
- technologists provide imaging services in a variety of patient care settings, including the operating room, emergency department, and more
- some roles require technologists to perform venipuncture for the purpose of intravenous contrast injection (e.g. during a CT scan)
- technology is constantly evolving, which means professionals have an ongoing personal responsibility to continuously learn and adapt

# Role of the Radiographer

*As part of their professional duty, technologists:*

- EXPLAIN procedures to patients.
- ANSWER questions as fully as possible.
- CONTRIBUTE to patient education.
- COMFORT patients and provide emotional support.
- POSITION patients and equipment correctly.
- ENSURE that patient, all staff and visitors are protected from radiation.
- MONITOR patients during the procedure.
- ASSIST the radiologist for angiographs and interventional procedures.
- OPERATE the equipment.



# Differentiating Technologist Roles

Who are the various Imaging Technologists you've been exposed to?

- Medical Radiographers
- Radiation Therapists
- Nuclear Medicine Technologists
- Magnetic Resonance Technologists

<http://imageofcare.ca/home.php>



# COMPETENCY PROFILE (SKILLS OF) RADIOLOGICAL TECHNOLOGY

- The *National Competency Profile for Entry-Level Medical Radiation Technologists (MRTs) in Canada* describes the practice requirements of MRTs at entry-to-practice, to provide safe, effective, compassionate and ethical patient care in a variety of work environments.
- This profile is developed by the Canadian Association of Medical Radiation Technologists (CAMRT). It provides a guide for program curriculum and is used to develop a blueprint for the CAMRT national certification examination
- View competency profile: <https://www.camrt.ca/certification-4/current-competency-profiles/>

# Accreditation



**ACCREDITATION**  
CANADA



**EQUAL**  
CANADA

The Camosun Medical Radiography Program is registered and accredited under Accreditation Canada's EQual program. Health Education Accreditation is a quality improvement process that supports the program in ensuring that graduates are ready to deliver quality care at entry to practice.

The Medical Radiography Program is currently accredited with condition until June 2027.



# The MRAD Program

- Intense 24 months of study (including summer terms)
- 6 consecutive terms in total
- Alternating academic terms and clinical practicums (visit [camosun.ca/dates](https://camosun.ca/dates))
- During academic terms, classes run 5 days per week with a mix of classroom, lab/simulation activities, and online learning.
- Clinical terms include 4 hospital shifts (including possible evenings and weekends) plus one academic day per week.
- This program is a full time commitment!

# School of Health & Human Services (HHS)

- Camosun College offers more than 15 health and human services programs, including a degree, post-degree diploma, certificates, diplomas and university transfer courses.
- The School of HHS is a place of warmth and caring.
- Our goal is to educate students to create “flourishing individuals, families, and communities”.

# Clinical Experience

- Clinical placements will be at a variety of sites on Vancouver Island
- There is no guarantee that students will receive their preferred placements
- Students are responsible for providing their own transportation and accommodations while on their clinical placement; keep these costs in mind



# What you'll learn

- Radiographic Procedures, including mobile, fluoroscopy, and operating room
- An introduction to computed tomography (CT) procedures
- Radiographic principles and physics, including radiation safety
- Patient care
- Anatomy, including relational, radiographic, and cross-sectional
- Radiographic pathology
- Interprofessional skills
- Professional communication



Find more detail about specific courses in each term on [Camosun's academic calendar](#)

# Post Graduation

- ❑ Eligible to write the CAMRT National Certification (required to practice in Canada)
- ❑ Eligible to work in all provinces
- ❑ Employment opportunities in BC WorkBC Medical Radiation Technologists
- ❑ Most technologists entering practice find immediate Casual work, Casual may mean close to full time hours, full time positions are usually filled from Casual workforce
- ❑ Pay Scale – Health Sciences Association
- ❑ Ongoing opportunities – CT, Breast Imaging, Education, Management, IT services, Equipment sales and Applications

**What questions do you have so far about the  
presentation?  
(Admissions info coming up in next section)**



# Admission Process Overview

- Complete your online application between September 15 - December 15, 2024
- Complete your document submissions by January 10, 2025
- Complete your non-academic assessment (Casper test) within the assigned window. Admissions will provide you with instructions once you've qualified.
  - MRAD Casper test dates typically run from October-February for each application cycle

# Admission Process Overview

- Students are ranked.
  - Fifty percent of each student's rank comes from their GPA of the admission requirements only, no other grades are used in the calculation.
  - Fifty percent of each student's rank comes from their non-academic assessment (Casper test score).
- Up to 16 of the top ranked students receive an invitation to participate in the clinical site placement process and are offered a seat\*

*\*you will be asked for a \$175.00 deposit to hold a seat; the deposit goes towards your first semester tuition but is non-refundable if you change your mind.*

# Admission Process Overview

- The program maintains a short waitlist for late entry into the same year due to student withdrawals or deferrals. Waitlists are not retained for future years.
- Applicants who do not get a seat in the year of their application need to reapply in order to be eligible in a subsequent year.
- Applicants will have to re-take the non-academic assessment in each application year cycle.
- You only have to take it once per application year for all AHT programs at Camosun. The assessment company will send your results to multiple schools for a small fee.

# Admission Requirements

- English 12 (B = 73%)\*
- Math 12 (B – 73%)\*
- Physics 12 (B = 73%)\*
- Biology 12 (B = 73%)\*
- Medical Terminology (B = 73%)\*

Academic courses **MUST** be completed within the last 5 years\*\*

\* *Equivalent or higher*; for a full list of acceptable admission requirements please visit our website or contact an Admissions Advisor at the College.

\*\* *Students may be able to use or demonstrate alternative ongoing currency in certain requirements*



# Admission Requirements

Required for your online application by **January 10, 2025**

A completed Physical Requirements Form (this can be filled out online)

- Attend an MRAD Information Session & complete online questionnaire. Be sure you do the survey!
- 40 hrs volunteer work in a patient related environment (interactive role)

# Tips for Meeting Volunteer Requirement

- Volunteering must be relevant to your future role and include direct interactions with patients or clients (e.g. activity volunteers, assisting patients or clients with mobility issues, assisting patients to move between rooms, etc.)
- The best environment is within an institutional care setting (such as a hospital or long-term care facility)
- Individuals having prior relevant work experience (e.g. health care assistants or other healthcare professionals) may submit a letter of recommendation form in lieu of the volunteer requirement. This letter must be provided by a direct supervisor confirming their role and responsibilities performed in lieu of the volunteer hours.
- Some facilities ask that you commit to a regular volunteer shift for a minimum time commitment (e.g. Island Health typically expects 2-4 hours per week for a minimum of 6 months). See <https://www.islandhealth.ca/volunteer-resources/volunteer-opportunities>
- You may be required to meet certain requirements to volunteer, including proof of immunizations and a Criminal Records Check (these are also program requirements)

# Admission Requirements

## After your Academic Requirements have been Assessed and Qualified:

- You will receive registration and scheduling instructions for their non-academic assessment.
- Students may take the assessment one time per application cycle and must do so within the prescribed timeframe indicated by the program.
- Students applying to other Allied Health & Technologies programs at Camosun College need only take the assessment once per application cycle.

# Casper Situational Judgment Test (Non-Academic Assessment)

- There is an approximate **\$50 fee** associated with the Casper test that has not been factored into the total program fees.



# Non-Academic Assessment: Casper Test

What does Casper assess for?



Collaboration



Communication



Empathy



Equity



Ethics



Motivation



Problem Solving



Professionalism



Resilience



Self Awareness



Click the image above to [see example Casper test questions](#)

# Admission Requirements

## After all applicants have completed the non-academic assessment:

- An aggregate score for each applicant is calculated by equally weighting the academic (combined GPA of admission requirements) and non-academic assessment scores to determine which applicants will receive program seat invitations.
- Once all aggregated scores are totaled, the students selected will be offered seats in the program for a given year, pending completion of the Program Participation Requirements (deadline varies by requirement).

# Program Waitlist

- The program maintains a short waitlist for late entry into the same year due to student withdrawals or deferrals.
- Waitlists are not retained for future years.
- Those applicants meeting the admission requirements, but not gaining a seat in the year of application need to reapply in order to be eligible in a subsequent year.

# Program Participation Requirements

DO NOT begin these before being offered a seat!

- Students must accept assigned clinical site placements, subject to availability and capacity.
- Students must provide their own transportation, meals, and accommodations while completing their clinical placement(s).
- Students must have yearly respirator mask 'fit-testing' done. Students will be responsible for completing this process prior to the first clinical experience and for any associated costs.
- Current BLS (Basic Life Support) is required prior to the start of all clinical placements. Annual recertification of BLS must be maintained throughout the program. Students will be responsible for the cost of this certification.



# Program Participation Requirements, cont.

- Students must provide evidence of their immunizations or immunity to preventable, communicable diseases.
- Students are highly recommended to maintain current immunizations as per the [Practice Education Guidelines of B.C.](#) Successful applicants should gather their immunization records as soon as possible after accepting a seat in the program.
- *Failure to comply with immunization guidelines could result in the health care organization or the College barring the individual from the clinical/practicum setting until proof of immunity is provided and/or until a communicable disease outbreak is declared over. This could impact a student's ability to successfully complete the clinical/practicum placement and/or a clinical/community rotation.*

# Estimated Total Program to Employment Costs

*all costs illustrate a 2% increase and are subject to change*

□ Tuition .....	\$30,147
□ Student Fees .....	\$1,692
□ Application Fee .....	\$45.57
□ Text Books (est. MSRP new) .....	\$2,958
□ Computer .....	\$1,560
□ Expendable Supplies .....	\$1,352
Paper, binders, pens, photocopying, discs, printer cartridges etc.	
□ Uniforms & Shoes .....	\$1,560
Must be purchased at Camosun, allowance per term is \$250	
□ Examination/Professional Fees ( <u>CAMRT exam</u> ) .....	\$1000
□ Program Requirements .....	\$400
(BLS, VPC, Criminal Record Check, TB test, Mask Fit test)	

**TOTAL = \$40,714.57**



**IMPORTANT:** Costs shown above are estimated only and tuition estimates may not reflect up-to-date tuition costing. Students are encouraged to [visit the Camosun website for more information on current student/additional fees.](#)

# Investing in your future:

## Cost of Schooling:

- $\$40,713 \div 6 \text{ Terms} = \text{about } \$6,786/\text{term}$
- $\$6,786 \div 4 \text{ Months (per term)} = \text{about } \mathbf{\$1,697/\text{month}}$
- About  $\$424/\text{week}$ ,  $\mathbf{\$85/\text{day}}$  or about  $\mathbf{\$12/\text{hour}}$

## Income Potential at full time\*:

- $\$60,255 - \$76,500/\text{year @ } 37.5 \text{ hrs/week}$
- Earning about  $\mathbf{\$5,021 - \$6,375/\text{month}}$
- $\mathbf{\$30.90/\text{hr} - \$40/\text{hr}}$

\* Based on current [Canadian Association of Medical Radiation Technologists | Salary Scale Analysis - CAMRT](#)

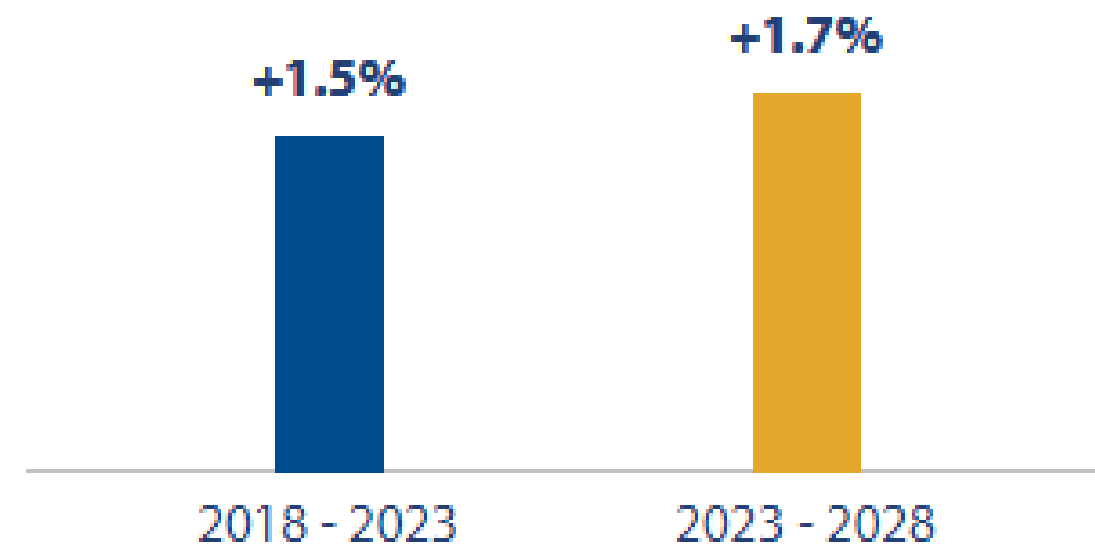
Radiography education at Camosun College is an inclusive, authentic learning experience with low student to instructor lab ratios, and smaller cohort sizes. We are a student-centered organization transforming learners into competent, compassionate health professionals.

# MRT Jobs in the Future

## B.C. Labour Market Outlook (2018-2028)

Provincial outlook

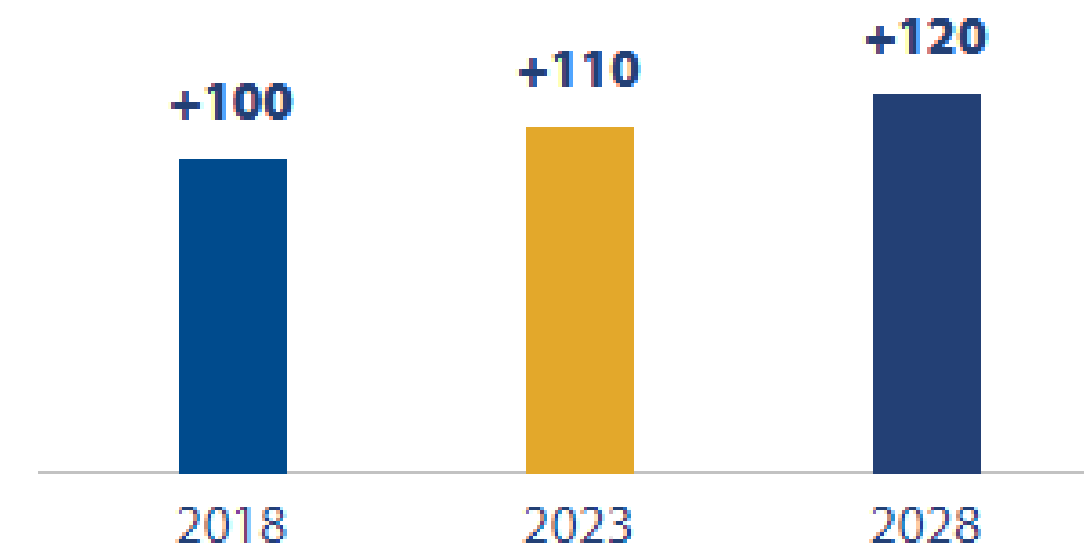
### Forecasted average employment growth rate



Source: B.C. Labour Market Outlook

### Job openings

10 year expected job openings: 1,100



Source: B.C. Labour Market Outlook





All General Financial Aid Inquiries  
[financialaid@camosun.ca](mailto:financialaid@camosun.ca)

HHS Student Awards

[https://camosun.ca/registration-records/financial-aid-awards/search-funding?field\\_school\\_target\\_id=116&field\\_deadline\\_value\\_1=today](https://camosun.ca/registration-records/financial-aid-awards/search-funding?field_school_target_id=116&field_deadline_value_1=today)



## Full-Time Loan & Grants

- Create an online account (dashboard)
- Go to Service BC location (Vernon Ave)
- Login and complete application
- Wait for Notification of Assessment
- Note this is a 6 week process





## Part-Time Loan & Grants

- Print Part-Time Studies Application
- Submit to Financial Aid & Awards
- Notice of Assessment, Certificate of Eligibility
- Note this is a 6 week process

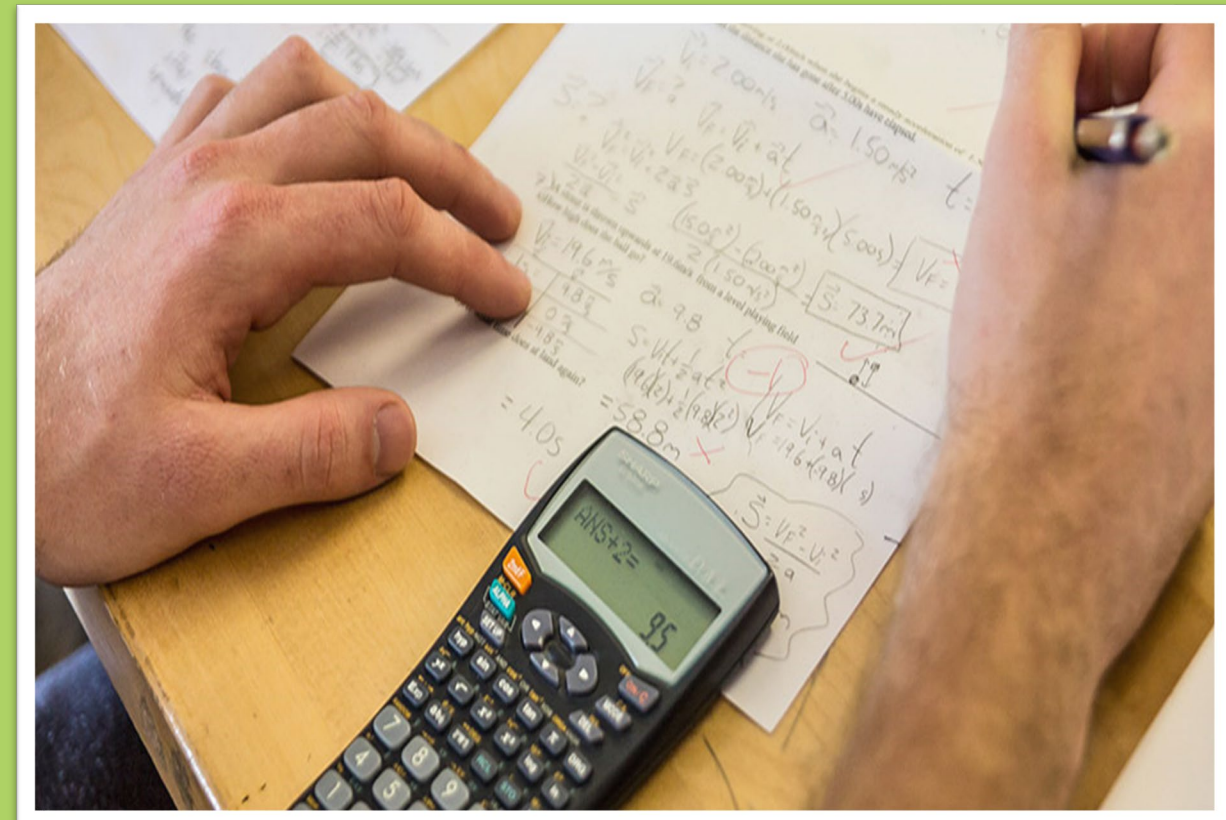






## Camosun.ca/bursaries

- Full-Time students only
- Demonstrate financial need
- Additional criteria
- Application period – Sept & Jan
- \$500 to \$1500 bursaries
- Student Recruitment and Retention Bursary
- Public Sector Recruitment Bursary



## Other Funding

- Eyē? Sqâ'lewen funding for first nation students
- Tuition Waiver program for former youth in care students
- Ike Barber Transfer Scholarship



# Graduate Awards

## Academic Achievement

- A total of \$3000 awarded to Graduates achieving the first & second highest overall GPA in their academic program courses

## Citizenship Award

- A total of \$1500 awarded to Graduates for professionalism and citizenship as nominated by their instructors and workplace mentors

## Capstone Awards

- A total of \$1500 awarded to Graduates for Capstone Project Excellence

\* Medical Radiography program Awards donated by Victoria Radiology Consulting Inc.



# Attributes that Contribute to Success

- Strong sense of responsibility – caring nature – interest in well-being of others, particularly the sick and injured
- Excellent communication/interpersonal skills
- Strong problem solving skills and ability to function as part of a team
- Ability to cope in stressful environments and situations
- Empathy, ethics, and self-knowledge
- Ability to cope with disturbing scenarios (e.g. trauma, surgery)
- Adaptability and change resilience
- Excellent physical fitness and mental acuity

# Attributes that Contribute to Success cont.

- Competence in written and oral English
- *Fluent* computer skills – reliable access to a personal computer & internet
- Ability to manage time commitment to school & study
- Financial security – Program is a full-time commitment
- Learn more about the profession; read and talk to people who are Medical Radiation Technologists (MRTs)
- Enhanced anatomy knowledge, spatial reasoning

# Indigenous Support Coordinator

Artemis Fire is Red River Métis and grateful to be a visitor on the unsundered territories of the ləkʷəŋən and W̱SÁNEĆ peoples.

Artemis is passionate about walking with people on their journeys.

As the Health and Human Services Indigenous Support Coordinator, Artemis supports students in various ways, including assisting applicants to confirm their Indigenous identity.

[firea@camosun.bc.ca](mailto:firea@camosun.bc.ca)



# Important Dates

## **December 15, 2024**

- Closing date for all applications for the 2025 intake

## **January 10, 2025**

- Date when proof of all admission requirements will need to be received by the college.

# Helpful Websites

- <http://camosun.ca/learn/programs/medical-radiography/index.html>
  - Course outlines, calendar, policies etc
- <http://www.camrt.ca/>
  - Canadian Association of Medical Radiation Technologists, National Certification Exam, Competency Profiles, Best Practice Guidelines, and more information on the profession
- <http://www.camrt.ca/bc/about-camrt-bc/>
  - CAMRT-BC is the provincial association for MRTs in the province of British Columbia, they provide Continuing Professional Development, Advocacy, & Professional Liability Insurance
- <http://www.hsabc.org/collective-agreements/health-science-professionals>
  - Health Science Association, 2014-2019 HSPBA Collective Agreements, wages & benefits
- <https://www.workbc.ca/jobs-careers/explore-careers/browse-career-profile/3215>  
WorkBC, Medical Radiation Technologists (NOC 3215), future job prospects in BC by region through 2025

# Review the MRAD program pages online:

Program at a Glance

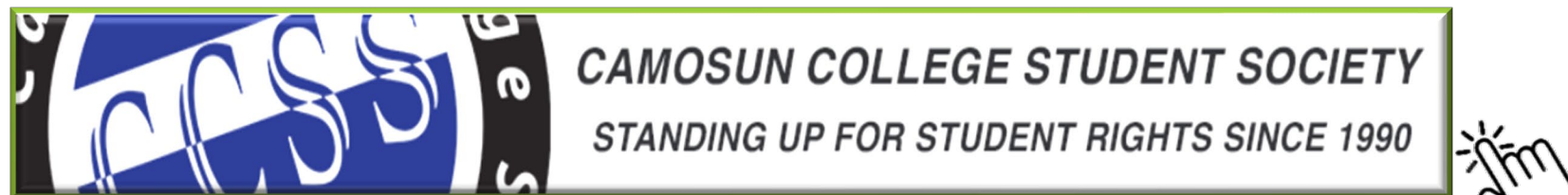


Program Overview





# Student Services at Camosun





# NEXT STEPS

Completing this Info Session is a prerequisite for entry into to MRAD program. Please complete the short survey with your information, to ensure we receive a record of your attendance.



[Click here to complete the survey](#), or scan the QR code



[Click here to find the next live online info session](#)







# View the Dean's Welcome and the School of Health & Human Services (HHS) Student Handbook online



**Carly Hall, RN, BSN,  
MEd**

Dean, School of Health  
and Human Services

**Thank you for joining. We look forward to  
seeing you soon!**

- School of Health and Human Services

**FOR MORE INFORMATION:**

**General Admissions**

**MRAD Admissions Advisor, Sue James**

[admissions@Camosun.ca](mailto:admissions@Camosun.ca)

[JamesS@Camosun.ca](mailto:JamesS@Camosun.ca)

**Phone: 250-370-3550**

**Phone: 250-370-4854**

