

	<p style="text-align: center;">School of Health & Human Services Medical Radiography Technology</p> <p>Course Name: Communications & Research</p> <p>Course Number: MRAD 247</p>
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COURSE OUTLINE

The Approved Course Description is available on the web:

<http://camosun.ca/learn/calendar/current/web/mrad.html#MRAD247>

Please note:

- *This outline will be electronically stored for five (5) years only. It is strongly recommended students keep this outline for your records.*
- *This course is only open to students in the Medical Radiography program.*

Introduction:

As a Medical Imaging Technologist, you will be professionally communicating on many technical and interpersonal levels with colleagues and other medical personnel, clients, and patients. This course introduces you to the research and workplace communication skills you require to be successful in your career.

As students' and professionals, you will often act as a translator of technical information for patients, giving them instructions and explanations about imaging technology and exams. You will also contribute to the Imaging Department's team by making suggestions for improving patient care and departmental efficiency. Skills in assessing the needs of audiences and situations are fundamental in deciding what information to provide and how to say it in a way that will be understood and well received.

As a member of an Imaging department and profession, you will share information and best practices with colleagues and may collaborate in applied research to advance the practice. In this course you will initiate and complete a research paper related to medical imaging and present your research as an oral presentation to your fellow students and instructors.

Prerequisite: A "COM" in MRAD 230

Students must achieve a minimum of a C+ (65%) to use this course as a prerequisite. Refer to the Camosun Calendar for detailed information about course prerequisites.

1. Instructor Information

(a)	Instructor:	Alexander Warrington
(b)	Office Hours:	Thursdays 12:30-1:30pm
(c)	Location:	WT 212D
(d)	Phone:	250-370-3910
(e)	Email:	warringtona@camosun.ca
(f)	Website:	

2. Intended Learning Outcomes/Competencies

Letters and numbers following certain learning outcomes indicate the specific competencies covered from the CAMRT Medical Radiography Competency Profile:

Upon completion of this course the student will be able to:

- a) communicate effectively with patients and health professionals in the clinical environment, by considering situational, cultural and generational differences.
- b) identify and follow best practices for workplace written communication.
- c) identify and follow best practices for research work, such as the ethics surrounding research on human subjects, disclosure, confidentiality, and plagiarism.
- d) participate in social technologies used by health professionals and researchers.
- e) explain basic components of research studies.
 - use of statistics in research
 - qualitative vs. quantitative research
- f) critically evaluate research sources.
- g) conduct a literature review.
- h) write a research paper according to CAMRT guidelines, using proper of citation.
- i) present a concise oral presentation on the research paper.
- j) create an effective cover letter and resume.

[CAMRT Medical Radiography Competency Profile](#)

3. Learning Resources

Required Textbooks: N/A

Optional Textbooks: N/A

Desire-to-Learn (D2L):

D2L – the Camosun College online learning portal contains the remainder of the learning materials for this course. Students are expected to familiarize themselves with the online learning environment and all the features it has to make this course experience enriching. Log on at <https://online.camosun.ca/> to access these materials.

Additional resources may include, but are not limited to: lecture notes, PowerPoint slides, Laboratory Manuals, and hyperlinks. You may prefer to download lectures notes ahead of time (when available) and then write your notes directly onto copies of the slides.

D2L materials **must not** be considered your sole source of information! They merely summarize the main points and provide direction for your learning experiences. You may need to write down additional information in each lecture. Additionally, not all details can be covered in a lecture, and you will be required to refer to textbook material that is not discussed specifically in class.

MRAD 247 is an interactive course that uses a variety of teaching and learning modes: presentation of information by instructor, discussion, group process, self-reflective learning, self-directed study and audio-visual.

4. Student Assessment

Instructions Assignments	10 %
Cover Letter & Resume	15 %
Research Project	
Literature Review Paper	25 %
Class Presentation	15 %
Interviews (Group Assignment)	
Interview Questions	5 %
Decision Documents	10 %
Written Feedback	10 %
Professionalism Mark	10 %
TOTAL	100 %

Students must achieve a minimum of 65% and complete all assignments in order to use this course as a prerequisite.

- Detailed information regarding assignments will be available on D2L.
- Complete all assignments on time and submit on the designated due dates. In exceptional circumstances, students may request an extension; however that extension must be arranged with the instructor **before** the due date. Students who have not pre-arranged an extension will have 10% of the total possible mark deducted per day from late assignments. Assignments will not be accepted after 5 days past the deadline.
- Incomplete assignments will not be accepted.
- Unless otherwise stated, all assignments will be submitted via D2L
- In emergency circumstances, a student may arrange to take an assessment before or after the scheduled time if the student would otherwise be unable to complete the program or course. Exceptions due to emergency circumstances, such as unavoidable employment commitments, health problems, or unavoidable family crises, require the approval of the instructor. Holidays or scheduled flights are **not** considered to be emergencies. The student may be required to provide verification of the emergency circumstance. (Camosun Academic Policy)

<http://camosun.ca/learn/calendar/current/pdf/academic-policies.pdf>

5. Course Content and Schedule:

Lecture Days/Times & Room Number:

Thursday 2:30 – 4:20pm F212

The following schedule is tentative and subject to change if deemed necessary by the instructor.

Week	Date	Topic
1	Jan 8	Course - overview Communication review Communication differences & styles
2	Jan 15	Writing process Audience Writing basics Tools and resources
3	Jan 22	Concision Clarity
4	Jan 29	Tone Formality Readability Formatting Style guides
5	Feb 5	Organizing information Editing Email Technologies
6	Feb 12	Reading Break – No Class
7	Feb 19	Instructions Incident reports Instructions Assignment due Sunday, February 22
8	Feb 26	Research process – overview Formulating research questions Qualitative and quantitative research
9	Mar 5	Critical thinking Literature reviews Citations and style guide Research Topic due by start of class
10	Mar 12	Island Health Presentation – Rod O’Connell
11	Mar 19	Cover letters and resumes
12	Mar 26	APA Citations and References Cover Letter & Resume due Sunday, March 29
13	April 2	Ethics and research Critical evaluation of sources and data Presenting data and statistics
14	April 9	1:1 research reviews

Week	Date	Topic
15	April 16	Presentation skills
16	April 23	Class research presentations Research Paper due by start of class
17	April 30	Interview Preparation Interview Questions due by Sunday, May 3
18	May 7	Team Interviews
19	May 14	Team Decision and Document Production Decision and Feedback Documents due Sunday, May 17
20	May 21	No Final Exam

Attendance

- Students are expected to be **on time**; tardiness disrupts the class. When students are more than 5 minutes late (and/or the classroom door is shut), they cannot enter the classroom until the class break period.
- If you choose not to **or** are unable to attend lecture it is your responsibility to acquire **all** information given during a class missed, incl. notes, hand-outs, assignments, changed exam dates etc. Email the instructor as a courtesy.
- Missed exams cannot be made up except in case of documented illness (doctor's note required). The instructor must be informed that the students will be missing the exam **before** the exam start time.

6. Grading System

The following two grading systems are used at Camosun College. This course will use:

- Standard Grading System (GPA)
- Competency Based Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+	Minimum level of achievement to use the course as a prerequisite.	3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum,

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

CONDUCT POLICIES

It is the student's responsibility to become familiar with the content of these policies. The policies are available in each School Administration Office, Registration, and on the College web site in the Policy Section.

[Academic Policies and Procedures](#)
[Student Conduct Policy](#)

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at

<http://www.camosun.bc.ca>

MRT PROFESSIONAL CODE OF ETHICS

Camosun College Medical Radiography Technology students are expected to abide by the Canadian Association of Medical Radiation Technologist (CAMRT) Code of Ethics inasmuch as it applies to them in the learning and clinical environments. This information is available on the CAMRT website at:

[CAMRT Code of Ethics](#)

MRT Department Policies & Procedures

Camosun College Medical Radiography Technology students are responsible for knowing all of the MRT Department Policies and must abide by them, including dress codes & lab safety procedures.

<http://camosun.ca/learn/programs/mrt/handbook.pdf>

8. GENERAL INFORMATION

The Medical Radiography Technology program is committed to promoting competence, professionalism and integrity in our students and developing their core skills to succeed throughout their academic programs and in their careers. The purpose of Academic Honesty Guidelines is to provide clear expectations of appropriate academic conduct and to establish processes for discipline in appropriate circumstances. It is the student's responsibility to become familiar with the content and the consequences of academic dishonesty. Before you begin your assignments, review the Academic Policies on the Camosun College website:

<http://camosun.ca/learn/becoming/policies.html>



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