

 <p><b>CAMOSUN</b> COLLEGE</p>	<p style="text-align: center;"><b>School of Health &amp; Human Services</b> Medical Radiography Technology</p> <p><b>Course Name:       Clinical Orientation</b></p> <p><b>Course Number:     MRAD 107</b></p>
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## COURSE OUTLINE

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**The Approved Course Description is available on the web:**

<http://camosun.ca/learn/calendar/current/web/mrad.html#MRAD107>

*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:**

This course introduces the student to the clinical environment through online delivery of theory and visual presentation. The topics include essential elements of the general imaging department such as workflow, patient and departmental documentation, the role of the technologist in the workplace and their relationship with patients and other healthcare members. This includes acceptable behaviour and professionalism in the imaging department. The student will become familiar with hospital/department administrative levels, workplace safety regulations, incident/abuse reporting procedures and medical information documentation requirements.

Students will be prepared for their first clinical experience through an understanding of radiation protection procedures and regulations concerning all members of the workplace. The Workplace Hazardous Materials Information Systems (WHMIS) will be covered in detail.

***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:	Brenda Watson
(b)	Office Hours:	Tuesday 1130 – 1220, Thursday/Friday 1230 – 1320 or by appointment.
(c)	Location:	MRT 212E
(d)	Phone:	250-370-3996
(e)	Email:	<a href="mailto:watsonb@camosun.ca">watsonb@camosun.ca</a>
(f)	Website:	<a href="http://online.camosun.ca/">http://online.camosun.ca/</a>

## 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:

1. Describe the workflow of a general Imaging department and differentiate between information systems. (A7.1, E3.2)
2. Describe the requirements of patient confidentiality. (A2.1)
3. Perform and record a patient history. (F1.2)
4. Interpret patient documentation. (A2.1)
5. Identify the essential elements of a patient requisition for radiographic examination.(B1.8, B1.9)
6. Describe radiation safety standards and safety measures required for patients and workplace members. (C1.1, C2.1, C2.2)
7. Explain hospital response procedures for emergency patient situations. (B3.3)
8. Describe WHMIS the main principles of Occupational Health and Safety (OH&S) regulations and describe reporting mechanism for incident and WorkSafe BC. (D1.3)
9. Describe clinical practicum site selection, Portfolio requirements and evaluation criteria. (A3.6)
10. Describe acceptable workplace behaviors and professional deportment.(A3.8)
11. Describe the roles of the BCAMRT and CAMRT and join the provincial professional association. (A2.4, A2.5)
12. Describe the CAMRT Code of Ethics and Standards of Practice. (A2.4, A2.5, A2.6)
13. Define patient informed consent, negligence of care, patient right to privacy, and mental disorder and the law (FIPPA, PIPA). (A2.1, A2.6, A2.7)
14. Apply the CAMRT competencies to course curriculum. (A4.1)

[CAMRT Medical Radiography Competency Profile](#)

## 3. Learning Resources

**NOTE: There are no textbooks for this course. There are many resources within D2L to assist the students**

## 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.

## 4. Student Assessment

Assignments	35%
Module Quizzes (2)	30%
Cumulative Final Exam	35%
<b>TOTAL</b>	<b>100%</b>

Students must achieve C+ (65%) to use this course as a prerequisite.

### Assessment Details

- There are four assignments to assess your learning of course material and to prepare you for clinical experience. The four assignments are:
  - Patient history and documentation- worth 15% of assignment total
  - CAMRT competencies- worth 5% of assignment total
  - WHMIS module– worth 5% of assignment total
  - Clinical safety- worth 10% of assignment total
- Unless otherwise stated, all assignments are due at the **beginning** of the class of the due date. If assignments are handed in late, students will incur a **5%/day** late penalty. It is mandatory that all assignments be submitted for course completion.
- There will be two quizzes during the term to keep you up to date on course content. Quizzes are module assessments and will be delivered at the beginning of designated

classes. The final lecture exam is cumulative including material covered in all modules, including lecture materials and online resources.

- In emergency circumstances, a student may write a test or final examination 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 retrievable from: <http://camosun.ca/learn/calendar/current/pdf/academic-policies.pdf>)

*Missed quizzes or examinations cannot be made-up except in the case of documented illness (doctor's note).*

## 5. Course Content and Schedule:

### Lecture Days/Times & Room Number:

Friday: 13:30-14:20; MRT212C

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

Week	Dates	Module	Module Name	Topics, Quizzes, Assignments
1	Sept 4-7	1	Introduction to Clinical	Welcome, introduction, resources available & clinical experience in MRT Program
2	Sept 10 - 14	2	Clinical Overview #1 Lecture	Review of site selection process
3	Sept 17 – 21	3	Workflow and Information Systems	
4	Sept 24 – 28	4	Patient Confidentiality and Documentation	Guest speaker: Information, Access and Privacy VIHA
5	Oct 1 – 5	5	Patient History, Freedom of Information	<b>Assignment #1 Video Scenario</b> Due Date: Oct 12 1330
6	Oct 9 - 12 Oct 10 (STAT)	5 & 6	Patient history and introduction to professional associations	<b>Quiz #1</b>
7	Oct 15 19	6	Provincial and National Associations	Guest Speaker BCAMRT/CAMRT <b>Assignment #2 CAMRT Clinical Competencies</b> Due date: October 26 <sup>th</sup> 1330

Week	Dates	Module	Module Name	Topics, Quizzes, Assignments
8	Oct 22 – 26	7	Emergency Response Procedures	Emergency Response Procedures
9	Oct 29 – Nov 2	8	Effects of Radiation	Effects of Radiation on Patients and Workplace members
10	Nov 5 – 9	9	Clinical Overview #2	Clinical Overview #2 Evaluation Processes Part 1
11	Nov 13 – 16 Nov 12 (STAT)	10	Occupational Health and Safety (OH&S)	OH&S and WHMIS <b>Quiz #2</b> <b>Assignment #3 - WHMIS module in preparation for clinical</b> <b>Due date: Friday November 23, 1330</b>
12	Nov 19 – 23	11	Clinical Overview #3	Clinical Overview #3 Evaluation Processes Part 2
13	Nov 26-30	12	Clinical Overview #4	Clinical Overview #4 Portfolio Requirements <b>Assignment #4: The Great Clinical Safety Challenge</b> <b>Due date: Friday Dec 7, 13:30</b>
14	Dec 3-7	13	Clinical Overview #5	Clinical Overview #5 Professionalism CAMRT Code of Ethics, Best Practice
15	Dec 10-14	<b>Final Examination</b>		

*Exam Period Dec.10-14 (scheduled by registrar) - check CAMLINK.*

***Do not book trips until the final exam schedule is posted by the registrar.***

## 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](http://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 <sup>rd</sup> 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

Students are expected to attend all classes. If you are unable to attend the lecture it is your responsibility to acquire all information given during a missed class including notes, hand-outs, assignments, changed examination dates, etc.

### **Study Habits:**

MRAD 107, Clinical Orientation course will assist you to build on the knowledge and skills you will acquire in practice as well as challenge you to develop knowledge in new areas. The learning activities and assignments in this course are designed to help you access, develop and attain the clinical skills you will require when working in a hospital environment.

Do not expect this to be an easy course. You will be asked to do work on your own. In particular, you will be asked to find out information, to analyze the information, and make decisions based on your analysis. At the same time, you will have a lot of help available from the instructor and also your fellow students. Class participation and discussion is a key component of this course and will ensure you are prepared for the clinical environment.

*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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