



*School of Health & Human Services*  
Medical Radiography Technology

**Course Name: Capstone**

**Course Number: MRAD 255**

## **COURSE OUTLINE**

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

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

*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 builds upon the core curriculum and provides the opportunity for students to integrate and synthesize the knowledge, skills, judgments and attitudes gained through the various Camosun Medical Radiography Technology courses and clinical practice sessions. Students will use a variety of academic learning tools to solidify knowledge and further develop critical thinking skills towards making informed decisions in the clinical setting. Through guided self-study and assessments, the student will develop effective study skills to prepare for the CAMRT certification examination and improve the necessary analytical skills required in the clinical setting.

**Prerequisites:** A minimum of "C+" in MRAD 127, MRAD 237, MRAD 247; and "COM" in MRAD 230

**Co-requisite:** MRAD 250

***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.***

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## 1. Instructor Information

(a)	Instructor:	Brent Mekelburg (June), Lynelle Yutani (July), Sarah Erdelyi (August)		
(b)	Office Hours:	N/A- available by request		
(c)	Location:	MRT 212D		
(d)	Office Phone:	250-370-3910	Alternative Phone:	n/a
(e)	Email:	<a href="mailto:mekelburgb@camosun.ca">mekelburgb@camosun.ca</a> , <a href="mailto:yutanil@camosun.ca">yutanil@camosun.ca</a> , <a href="mailto:erdelyis@camosun.ca">erdelyis@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 successful completion, the student will be able to:

1. Analyze the CAMRT competency profile requirements and relate them to the certification process. (A1.1)
2. Develop a personal study work plan based on CAMRT competencies and program curriculum. (A1.1)
3. Apply program curriculum in the analysis of various patient scenarios. (A1.1)
4. Demonstrate study and exam writing skills by completing comprehensive competency exams based on program curriculum. (A1.1)
5. Develop a personal knowledge profile indicating curriculum strengths and content requiring further study. (A4.1)

[CAMRT Medical Radiography Competency Profile](#)

## 3. Learning Resources

**Required Textbooks:** All previously required program textbooks

**Optional Textbooks:** All previously recommended program textbooks

**Desire-to-Learn (D2L):** D2L, the Camosun online learning portal, contains learning materials for this course. Log in at <https://online.camosun.ca/>.

#### 4. Student Assessment

##### Summary of Required Learning Activities:

Pre-Test (Exam #1)	<b>COM or NC</b>
Personal Study Plan	<b>COM or NC</b>
Post-Test (Exam #2)	<b>COM or NC</b>
Case Study Assignment	<b>COM or NC</b>
Mock CAMRT (Final Exam)	<b>COM or NC</b>
Post Mock Personal Study Plan	<b>COM or NC</b>
<b>FINAL GRADE</b>	<b>COM or NC</b>

Students must satisfactorily complete all required learning activities to meet the outcomes of this course.

##### Assessment Details

For each of the required learning activities, the following criteria must be met in order to receive a complete (COM) grade in the course:

<b>Activity</b>	<b>Criteria for COM</b>
Pre-Test (Exam #1)	Single attempt must be completed.
Personal Study Plan	Based on results of pre-test; must be submitted before access to the post-test.
Post-Test (Exam #2)	Must achieve a minimum of 65% in each of the CAMRT competency categories (weighting for each competency category is based on the CAMRT certification exam blueprint); multiple attempts are permitted until this outcome is met. For each new attempt, and additional personal study plan must be submitted before access is granted to an additional attempt.
Case Study Assignment	Must post individual case study to the D2L course discussion and respond to all case studies posted by classmates according to course schedule.
Mock CAMRT (Final Exam)	Must achieve a minimum of 65%. If 65% is not achieved, must submit a final personal study plan.

Additional information about each of these learning activities is available in the D2L course.

- 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>

## 5. Course Content and Schedule:

### Course Schedule

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

Dates (M-Su)	Week	Important Dates Course Requirements
June 2-8	1	<b>June 2 First day of term</b> Pre-Test (Exam #1) Available June 2 0800 –June 6 2359
June 9-15	2	Personal Study Plan Deadline June 15 2359
June 16-22	3	Post-Test (Exam #2) Available June 16 0800 – June 20 2359
June 23-29	4	<i>Personal Study Plan (if needed for second attempt at post-test)</i> <i>Deadline June 29 2359</i>
June 30-July 6 <b>July 1 STAT</b>	5	<i>Post-Test (second attempt)</i> <i>Available June 30 0800 – July6 2359 (cycle repeats until 65% on post-test is achieved; case study assignment will not be available sooner than June 30 if post-test is not completed)</i> Case Study Assignment Available no later than June 30 0800 Case study first draft posted for approval by July 6 2359
July 7-13	6	Case Study Assignment Response from instructor - approved/not approved by no later than July 11 1600 (expect back and forth feedback this week)
July 14-20	7	Case Study Assignment Student to post case study revisions no later than July 20 2359; case study must be approved before access granted to others' posts
July 21-27	8	Case Study Assignment Must respond to all approved case studies by July 27 2359
July 28-Aug 3	9	
Aug 4-10 <b>Aug 4 STAT</b>	10	
Aug 11-17	11	<b>August 15 Mock CAMRT (Final Exam) 0800</b> (expect 2-4 hours) <i>Personal Study Plan (if needed) by August 17 2359</i>
Aug 18-24	12	<b>August 22 last day of term</b>

***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

### Competency Based Grading System

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes.

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

### 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. <i>(For these courses a final grade will be assigned to either the 3<sup>rd</sup> course attempt or at the point of</i>
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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