



Medical Radiography Technology

**Course Name: Clinical Practicum 1**

**Course Number: MRAD 130**

## **COURSE OUTLINE**

The approved Course Description is available on the web:

<http://camosun.ca/learn/calendar/current/web/mrad.html#MRAD130>

*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:**

During this novice practicum-based course, students apply foundational knowledge from all previous Medical Radiography program courses to perform a variety of routine radiographic procedures on low complexity patients. Students practice under direct supervision and receive feedback on their developing skills from qualified Medical Radiation Technologists. Students who successfully meet all course requirements progress to the advanced beginner level within the program.

**Prerequisites:** C+ in MRAD 104, MRAD 106, MRAD 108, MRAD 112, MRAD 117, MRAD 119

**Pre/Corequisite:** MRAD 134

Restricted course only open to students in the Medical Radiography Technology program.

***Refer to the Camosun Calendar for detailed information about course prerequisites.***

## 1. INSTRUCTOR INFORMATION

Instructors:	Hong Gerow, RTR, and Jemma Aubert, RTR
Phone:	250-370-3182
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## 2. INTENDED LEARNING OUTCOMES/COMPETENCIES

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

- a) Demonstrate professional behaviours in a variety of clinical settings and practice situations by adhering to the Medical Radiography program and clinical site policies and guidelines.
- b) Apply prior didactic knowledge and clinical experiences to a variety of clinical settings and practice situations within the scope of practice of a novice student radiographer.
- c) Distinguish appropriate learning opportunities by utilizing resources available in the clinical learning environment to achieve portfolio and course requirements.
- d) Manage patient interactions safely by observing legal and ethical workplace standards and utilizing best practices.
- e) Practice appropriate, accurate, and effective communication with members of the public and all members of the health care team.
- f) Demonstrate increasing levels of proficiency and independence in a variety of clinical settings and practice situations within the scope of practice of a novice student radiographer.
- g) Demonstrate a novice level of clinical competence by performing a variety of routine radiographic examinations within the scope of practice of a novice student radiographer.

### 3. LEARNING RESOURCES

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

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

**Desire-to-Learn (D2L):** Camosun's Learning Management System (LMS) contains online learning materials for this course. Log in at <https://online.camosun.ca/>.

### 4. STUDENT ASSESSMENT

#### Online Assignments

Grading Scheme for Online Assignments:

**COM (complete)** - assignment criteria met

**IP (in progress)** - one or more assignment criteria not met (details, including corrective actions and a timeline for revisions, will be provided in the grade item feedback on D2L)

**NC (incomplete)** - default status for all assignments until they have been completed

Online assignments must be completed in a timely manner in order to maintain ongoing status in the clinical practicum. *An assignment that remains in the NC status **after** the assignment deadline may lead to dismissal from the clinical placement sites until requirements have been met.*

All assignments must be submitted to the D2L Dropbox. Submissions should be sent as a PDF file or a word document. \*Do not send JPEG files. All documents must be legible and right side up.

Requirement	Location of Document	Deadline
Certificates of Completion for Placement Orientations	Provincial Learning Hub	End of Day 2
Confidentiality Agreement Form	Placement site intranet	End of Day 2
Clinical Practicum Acknowledgement Form	Student Portfolio	End of Day 2
Orientation Checklist	Student Portfolio	End of Week 1
Formative Evaluations	Student Portfolio	End of Weeks 2, 4, 6, 8, 10,12, and 14

Self-Reflections	Assignment details in D2L	End of Jan., Feb., Mar., April
Fluoroscopy and Operating Room Guided Observations	Assignment details in D2L	Immediately after specialty modality rotations
Image Transfers	<b>DICOM</b> images must be transmitted using <b>approved</b> methods to Camosun PACS	End of Week 6 <i>and</i> End of Week 15
Image Transfers Data Sheet	Pocket Log Book	End of Week 12
Procedures Checklist	Student Portfolio	Week 15
Summary of Competency Assessments	Student Portfolio	Week 15
Summary of Formative Evaluations	Student Portfolio	Week 15

### **Clinical Requirements**

All portfolio requirements **must** be met by the end of week 16. Specific details regarding the number and types of radiographic procedures that must be included are found in the Novice Clinical Portfolio of Experience and Competence.

#### **1. Verbal Image Critiques and Unassisted Cases (Image Audits):**

An accession number and the week in which the procedure was performed must be recorded in the portfolio. Once the minimum number of cases has been obtained, the Clinical Instructor must sign to validate that all procedures listed in the portfolio represent the student's satisfactory performance and that the Medical Radiation Technologist validated the student's level of participation at the time the case was performed.

#### **2. Competency Assessments:**

Six detailed competency assessment forms must be completed and signed off by the Clinical Instructor as evidence that the student was able to competently perform a variety of routine radiographic procedures. Competency assessments may be attempted after the student has first performed the procedure unassisted and obtained images that meet the portfolio criteria for acceptability. The student must demonstrate critical criteria and meet the minimum score on each assessment to receive a complete grade in the course.

### **3. Formative Evaluations:**

The formative evaluation must be completed by the Clinical Instructor at the end of each bi-weekly clinical rotation. The formative evaluation should also indicate whether or not the student is demonstrating reasonable progression or if the student has missed any clinical time. The formative evaluation should also indicate whether or not the student is using observation forms to collect feedback on performance, which is a mandatory learning activity that must be completed on a regular basis. Feedback from observation forms may be used to supplement the decision-making regarding formative assessment of student performance. The student must achieve a satisfactory formative evaluation by the end of week 14 in order to receive a complete grade in the course.

### **Final Assessment Details:**

Clinical assessments conducted during this course will be based on the minimum level of competence expected for a novice.

Clinical progression and maintenance of competence must be demonstrated and evident by meeting expectations on bi-weekly formative evaluations. Cumulative and ongoing competence must be demonstrated through participation in a minimum number of verbal image critiques using a variety of anatomical parts, performance of a minimum number of procedures unassisted where all critical criteria were demonstrated, and completion of a minimum number of successful attempts at competency. Inability to meet these expectations will result in failure to complete the clinical course.

The summative evaluation result for this course (complete or incomplete) will depend on the status of completion for all required clinical activities and online course assignments. Additional information about each of the assignments, clinical activities, and assessments can be found in the clinical course on D2L.

## **5. COURSE SCHEDULE**

*Please see dates listed in D2L.*

***There is no final examination for this course.***

## **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.
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 death in the family.
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 third course attempt or at the point of course completion.)</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, worksite, or field placement.

[Camosun College Policy for Grading](#)

## **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 under the Education/Academic tab.

### **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://camosun.ca/services/>

### **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](#)

### **Program 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 & safety procedures.

## **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/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf>