

	<p style="text-align: center;"><b>School of Health &amp; Human Services</b> Medical Radiography Technology</p> <p><b>Course Name:        Interprofessional Health Practice</b> <b>Course Number:     MRAD 237</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#MRAD237>

*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:**

The students will be introduced to complementary imaging and related health disciplines such as Nuclear Medicine, Sonography, Magnetic Resonance, Health Records (patient files) and Medical Laboratory. Each of these professions contributes to the patients overall diagnosis and treatment planning. The information from these areas will be correlated to fully understand the patient's medical circumstances. Although the curricula will be cursory, it will provide insight and understanding amongst the professional staff.

***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
(b)	Office Hours:	Monday 1130-1220 & Wednesday 1230-1320
(c)	Location:	WT 212D
(d)	Phone:	250-370-3992
(e)	Email:	<a href="mailto:mekelburgb@camosun.ca">mekelburgb@camosun.ca</a>
(f)	Website:	<a href="http://www.camosun.ca">www.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. Interpret medical reports from other diagnostic disciplines. (F: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, 8.2, 9.2, 10.2, 11.2, 12.2, 13.2, 14.2, 15.2, 16.2, 17.2, 18.2, 19.2, 20.2, 21.2, 22.2, 23.2, 24.2, 25.2, 26.2, 27.2, 28.2, 29.2, 30.2, 31.2, 32.2, 33.2, 34.2, 35.2, 36.2, 37.2 38.2, 39.2, 40.2, 41.2, 42.2, G: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, H: 2.2, 3.2, I: 2.2, 3.2, 4.2, J: 2.2, 3.2, K1.3, M1.4)
2. Demonstrate a basic understanding of other diagnostic disciplines. (A3.5, A4.2, F: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, 8.2, 9.2, 10.2, 11.2, 12.2, 13.2, 14.2, 15.2, 16.2, 17.2, 18.2, 19.2, 20.2, 21.2, 22.2, 23.2, 24.2, 25.2, 26.2, 27.2, 28.2, 29.2, 30.2, 31.2, 32.2, 33.2, 34.2, 35.2, 36.2, 37.2 38.2, 39.2, 40.2, 41.2, 42.2, G: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, H: 2.2, 3.2, I: 2.2, 3.2, 4.2, J: 2.2, 3.2, K1.3, M1.4)
3. Explain the role of nursing and the technologist for other diagnostic disciplines. (A3.5)
4. Using case studies, explain the most common diagnostic discipline for specific medical conditions and how they relate to each other in the diagnosis and treatment (F: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, 8.2, 9.2, 10.2, 11.2, 12.2, 13.2, 14.2, 15.2, 16.2, 17.2, 18.2, 19.2, 20.2, 21.2, 22.2, 23.2, 24.2, 25.2, 26.2, 27.2, 28.2, 29.2, 30.2, 31.2, 32.2, 33.2, 34.2, 35.2, 36.2, 37.2 38.2, 39.2, 40.2, 41.2, 42.2, G: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, H: 2.2, 3.2, I: 2.2, 3.2, 4.2, J: 2.2, 3.2, K1.3, M1.4)
5. Describe the patient care requirements prior, during, and post examinations of commonly performed procedures for each of the disciplines. (A4.2)
6. Describe the key concepts of other imaging modalities. (F: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, 8.2, 9.2, 10.2, 11.2, 12.2, 13.2, 14.2, 15.2, 16.2, 17.2, 18.2, 19.2, 20.2, 21.2, 22.2, 23.2, 24.2, 25.2, 26.2, 27.2, 28.2, 29.2, 30.2, 31.2, 32.2, 33.2, 34.2, 35.2, 36.2, 37.2 38.2, 39.2, 40.2, 41.2, 42.2, G: 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, H: 2.2, 3.2, I: 2.2, 3.2, 4.2, J: 2.2, 3.2, K1.3, M1.4)
7. Exchange knowledge/skills with other members of health care teams to promote collaborative practice. (A3.5, A4.2)
8. Understand preceptor and team philosophies and how they benefit patient care. (A3.6)
9. Engage in reflective practice to promote best practice. (A1.1, A3.6, A4.1)

[CAMRT Medical Radiography Competency Profile](#)

### 3. Learning Resources

#### Desire-to-Learn (D2L):

D2L – the Camosun College online learning portal contains the majority 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.

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 seek out additional information from various sources. Additionally, not all details can be covered in the online content, and you will be required to refer to material that is not discussed specifically in class.

#### Other Materials

Additional resources may include, but are not limited to: online notes, PowerPoint slides, and hyperlinks. The course content will not be available to you after completion of the term.

### 4. Student Assessment

Assignment #1	20 %
Assignment #2	20 %
Assignment #3	20%
Term Project	40 %
<b>TOTAL</b>	<b>100 %</b>

***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 5% of the total possible mark deducted per day from late assignments.
- Incomplete assignments will not be accepted.
- Unless otherwise stated, all assignments will be submitted via D2L
- <http://camosun.ca/learn/calendar/current/pdf/academic-policies.pdf>

**5. Course Content and Schedule:**

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

**MRAD 237 Weekly Course Schedule**

<b>Week</b>	<b>Dates</b>	<b>Module #</b>	<b>Topic</b>	<b>Activities</b>
1	Sept 2 - 7	1	Interprofessional Education	
2	Sept 8 - 14	2	Preceptorship	<i>email me the format you have selected for assignment #1 by the end of week 2</i>
3	Sept 15 - 21	3	Generational Differences	<i>PART A Term Project Due</i>
4	Sept 22 - 28	4	Medical Laboratory	<i>Assignment #1 due by 2359hrs on September 28</i>
5	Sept 29 – Oct 5	5	Cardiology Technologists	<i>PART B Term Project Due</i>
6	Oct 6 - 12	6	Nuclear Medicine	<i>PART C Term Project Due</i>
7	Oct 13 - 19	6 cont'd	Nuclear Medicine	
8	Oct 20 - 26	7	MRI	<i>Assignment #2 due by 2359hrs on October 26</i>
9	Oct 27 - Nov 2	7/8	MRI/Sonography	
10	Nov 3 - 9	8	Sonography	
11	Nov 10 - 16		Catch-up	
12	Nov 17 - 23	9	Radiation Therapy	
13	Nov 24 - 30	9	Radiation Therapy	<i>Assignment #3 due by 2359hrs on November 30</i>
14	Dec 1 - 7	10	Nursing	<i>Completed Term Project Due by 2359 hrs on December 7</i>
15	Dec 8 -14		Wrap-up	<i>Review of term projects + feedback</i>

## 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 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 3<sup>rd</sup> 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

**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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