



CAMOSUN COLLEGE

School of Health and Human Services (HHS)

Department: Allied Health & Technologies

MRAD 273 Pathology for Radiographers – Part B

Winter 2019

COURSE OUTLINE

The course description is available on the web:
<http://camosun.ca/learn/calendar/current/web/mrad.html#mrad273>

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

- (a) **Instructor** Brent Mekelburg
(b) **Office hours** By appointment
(c) **Location** WT 212D
(d) **Phone** 250-370-3992 **Alternative:**
(e) **E-mail** mekelburgb@camosun.ca
(f) **Website** camosun.ca

2. Course Description & Intended Learning Outcomes

In this advanced beginner course, students explore various gastrointestinal, urinary, reproductive, neurologic, endocrine and hematopoietic pathologies due to disease and trauma. Students study images obtained from a variety of sources illustrating the appearance of pathological conditions common to these systems. To better understand how pathology impacts patient care and technical considerations for the radiographer, students discuss and experiment with adaptive actions and plan appropriate practice responses during laboratory activities.

Upon successful completion of this course a student will be able to:

- a) organize commonly occurring pathological conditions of the gastrointestinal, urinary, reproductive, neurologic, endocrine and hematopoietic systems by classification, etiology, pathogenesis, signs and symptoms, treatment, and imaging appearance.
- b) apply knowledge of commonly occurring pathological conditions of the gastrointestinal, urinary, reproductive, neurologic, endocrine and hematopoietic systems as they pertain to the components of a radiographic examination.
- c) apply knowledge of alternate imaging modalities by comparing and contrasting how various pathologies are diagnosed.

3. Required Materials

Eisenberg, Ronald L., Johnson, Nancy M. (2007). *Comprehensive Radiographic Pathology*. (6th ed.) Mosby Elsevier, St. Louis, Mi.

Kowalczyk, N., & Mace, J.D. (2008). *Radiographic Pathology for Technologists* (6th ed.). Mosby.

4. Course Content and Schedule

Week	Dates	Module	Chapter
1	January 7	Introduction	
2	Jan 14	Central Nervous System	E:8
3	Jan 21		K:8
4	Jan 28	Hematopoietic System	E:9 K:9
5	Feb 4	Endocrine System	E:10 K:11
6	Feb 11 Reading Week	No Classes	
7	Feb 18	Presentation #1	
8	Feb 25	Midterm Exam	
9	Mar 4	Abdomen & Gastrointestinal	E:5
10	Mar 11		K:5
11	Mar 18	Hepatobiliary System	K:6
12	Mar 25	Reproductive System & Urinary System	E:6&11 K:7&10
13	Apr 1 Easter Monday	No Class Presentation #2 (during 256 slot Wednesday)	
14	Apr 8	Final Exam	
15	Apr 17-21	FINAL EXAM PERIOD	

5. Basis of Student Assessment (Weighting)

Midterm Exam	30%
Presentations 15% each	30%
Cumulative Final Exam	40%
TOTAL	100%

6. Grading System

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

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

8. College Supports, Services and Policies

Immediate, Urgent, or Emergency Support



If you or someone you know requires immediate, urgent, or emergency support (e.g., illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts:

<http://camosun.ca/about/mental-health/emergency.html> or
<http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, centre for accessibility, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit Student Services at <http://camosun.ca/services/>

College Policies

Policies are available on the College website at <http://camosun.ca/about/policies/>

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies.

Education and academic policies include, but are not limited to, [Academic Progress](#), [Admission](#), [Course Withdrawals](#), [Student Appeals](#), Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, and Student Penalties and Fines.

Student Conduct Policy

There is a [Student Conduct Policy](#). It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College website.

A. GRADING SYSTEMS

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf#page=2>

The following two grading systems are used at Camosun College:

1. 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+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

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.

B. 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 at <http://www.camosun.bc.ca/policies/E-1.5.pdf#page=4> 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.