



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Option:

Course Outline

MRAD 2217 Pathology for Radiographers

Start Date: September 2001

End Date: December 2001

Course Credits: 2

Term/Level: 2

Total Hours: 32

Total Weeks: 15

Hours/Week:	Lecture:	Lab:	Shop:	Seminar:	Other:
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Prerequisites

Course No.	Course Name
MRAD 1104	Radiographic Anatomy

MRAD 2217 is a Prerequisite for:

Course No.	Course Name
MRAD 3317	Pathology for Radiographers

Course Calendar Description

The content covered in Level 2 is an introduction to general pathology and bone pathology.

- To provide the students with the knowledge necessary to make informed decisions about technique changes and patient care associated with different pathologic processes.
- To identify a select group of pathologies as they appear radiographically.
- To give students a broad knowledge of the more common pathologic processes.

Course Goals

Evaluation

Weekly Quizzes	20%
Midterm Exam	40%
Final Exam	40%
TOTAL	100%

The pass mark for all subjects in the Medical Radiography program is 60%.

Course Learning Outcomes/Competencies

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

1. correctly use terminology relevant to the study of pathology.
2. explain the relationship between a pathology and its effect on the body as a whole.
3. identify the signs and symptoms associated with disease processes.
4. plan changes in radiographic technique to best demonstrate the presence of disease processes.
5. describe the radiographic appearance of selected pathological conditions.
6. discuss a plan for patient care during radiography based on the pathology involved.
7. identify a selected group of pathologies as they appear radiographically.

Course Content Verification

I verify that the content of this course outline is current, accurate, and complies with BCIT Policy.

Program Head/Chief Instructor

Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.



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MRAD 2217
Pathology for Radiographers

Instructor(s)

Mary Filippelli

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Office Hrs.: TBA

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Learning Resources

Required:

Pathology for Medical Radiography Student Manual

Mosby's Medical and Nursing Dictionary, C.V. Mosby Co.

Recommended:

Boyd's Introduction to the Study of Disease, 9th ed., Shelton, Huntington, Lea and Febiger, Philadelphia

Outline of Fractures, 6th ed., J.C. Adams, Churchill Livingstone, London

Fractures and Dislocations in Children, A.G. Pollen, Churchill Livingstone, London

The Bones and Joints, G.S. Lodwick, Year Book Medical Publishers

Synopsis of Analysis of Roentgen Signs in General Radiology, I. Meschan, W.B. Saunders Co., Philadelphia

The Language of Fractures, 2nd ed., Robert J. Schultz, Williams and Wilkins, Baltimore

BCIT Policy Information for Students

Assignment Details



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY
School of Health Sciences
Medical Radiography Program

MRAD 2217
Pathology for Radiographers

	WEEK OF	SET	LECTURE	LAB
1	Sept 3	C/D	Labor Day Introduction to Pathology and Fractures	Introduction to Lab Video and Film Files
2	Sept 10	A/B	Introduction to Pathology and Fractures	Introduction to Lab Video and Film Files
3	Sept 17	C/D	Fractures of Upper Extremities	Upper Extremities
4	Sept 24	C/D	Fractures Lower Extremities	Lower Extremities
5	Oct 1	A/B	Fractures of Upper Extremities	Upper Extremities
6	Oct 8	A/B	Fractures Lower Extremities	Lower Extremities
7	Oct 15	C/D	Fractures of Spine	Midterm
8	Oct 22	A/B	Remembrance Day Fractures of Spine	Midterm
9	Oct 29	C/D	Fractures of Pelvis, Ribs, Sternum and Skull	Fractures of Spine
10	Nov 5	C/D	Inflammatory Disorders	Pelvis, Ribs, Sternum and Skull
11	Nov 12	A/B	Fractures of Pelvis, Ribs, Sternum and Skull	Fractures of Spine
12	Nov 19	A/B	Inflammatory Disorders	Pelvis, Ribs, Sternum and Skull
13	Nov 26	C/D	Inflammatory Disorders	Inflammatory Disorders
14	Dec 3	A/B	Inflammatory Disorders	Inflammatory Disorders
15	Dec 10	ALL	FINAL EXAMS	