



Course Outline

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Operating Unit: Health Sciences

Program: Medical Radiography

Option: Medical Radiography

MRAD 3307

Pathology for Medical Radiography

Start Date: January, 1999

End Date:

Course Credits: 1.5

Term/Level: 3

Total Hours: 24

Total Weeks: 16

Hours/Week: 3

Lecture:

Lab:

Shop:

Seminar:

Other:

Prerequisites

MRAD 3307 is a Prerequisite for:

Course No. Course Name

Course No. Course Name

MRAD 2208 Radiographic Procedures

None

MRAD 2207 Pathology for Medical Radiographers

MRAD 2204 Radiographic A & P

Course Calendar Description

This course follows MRAD 2207 and includes relevant pathologies of the Respiratory, Gastrointestinal, Urogenital, Cardiovascular, Nervous, Reticuloendothelial and Endocrine Systems.

Course Goals

Level three deals with pathologies of body systems.

- 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.

Evaluation

Final Examination	50%
Mid-Term	25%
Assignments	25%
TOTAL	100%

**THE PASS MARK FOR ALL COURSES IN THE
MEDICAL RADIOGRAPHY PROGRAM IS 60%.**

Course Learning Outcomes/Competencies	Competency
1. Correctly use terminology relevant to the study of disease.	A1
2. Explain the relationship between common diseases and their effects on the body as a whole.	A1
3. Identify the signs and symptoms associated with some common disease processes.	A7
4. Plan changes in radiographic technique to best demonstrate the presence of disease processes.	A1, C3
5. Describe the radiographic appearance of selected pathological conditions.	A7
6. Develop a plan for patient care during radiography based on the pathology involved.	C3
7. Identify a selected group of pathologies as they appear radiographically.	A7

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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Pathology for Medical Radiography

Instructor(s)

G. Paches

Office No.:

Office Hrs.:

Office Phone:

E-mail Address:

Learning Resources

Required:

1. Pathology for Medical Radiographers – MRAD 2207, 3307, A. McMillen, 1991.
2. Mosby's Medical and Nursing Dictionary, C.V. Mosby Co., 1983.
3. Bit Card.

Recommended:

1. Medical Specialty Terminology.
 2. *An Introduction to the Study of Disease*, William Boyd, 1984.
 3. *Synopsis of Analysis of Roentgen Signs in General Radiology*, I. Meschan, W.B. Saunders Co., Philadelphia, 1975.
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BCIT Policy Information for Students

Assignment Details

DATE	TOPIC/SYSTEM	SETS
Jan. 4 Jan. 6 Jan. 8	Lecture: Lecture: Respiratory Lab: Respiratory	A/C
Jan. 11 Jan. 13 Jan. 15	Lecture: Respiratory Lecture: Gastrointestinal Lab: Respiratory/Gastrointestinal	A/C
Jan. 18 Jan. 20 Jan. 22	Lecture: Respiratory Lecture: Respiratory Lab: Respiratory	B/D
Jan. 25 Jan. 27 Jan. 29	Lecture: Gastrointestinal Lecture: Gastrointestinal Lab: Gastrointestinal	B/D
Feb. 1 Feb. 3 Feb. 5	Lecture: Gastrointestinal/Liver & Biliary Lecture: Liver & Biliary Lab: Gastrointestinal/Liver & Biliary	A/C
Feb/ 8 Feb/ 10 Feb. 12	Lecture: Liver & Biliary Lecture: Genitourinary Lab: Liver & Biliary/Genitourinary	A/C
Feb. 15 Feb. 17 Feb. 19	Lecture: Liver & Biliary Lecture: Liver & Biliary/Genitourinary Lab: Liver & Biliary/Genitourinary	B/D
Feb. 22 Feb. 24 Feb. 26	Lecture: Genitourinary Lab: (4060) Genitourinary MIDTERM	B/D
Mar. 1 Mar. 3 Mar. 5	Lecture: Genitourinary Lab: (4060) Genitourinary MIDTERM	A/C
Mar. 8 Mar. 10 Mar. 12 Mar. 15-19	Lecture: Cardiovascular Lecture: Central Nervous (CNS) Lab: Cardiovascular/CNS SPRING BREAK	A/C
Mar. 22 Mar. 24 Mar. 26	Lecture: Cardiovascular Lecture: Cardiovascular/Central Nervous (CNS) Lab: Cardiovascular/CNS	B/D
Mar. 29 Mar. 31 Apr. 2	Lecture: Reticuloendothelial Lab: (4060) Reticuloendothelial GOOD FRIDAY	B/D
Apr. 5 Apr. 7 Apr. 9	EASTER MONDAY Lecture: Reticuloendothelial/Endocrine Lab: Reticuloendothelial/Endocrine	A/C
Apr. 12 Apr. 14 Apr. 16 Apr. 19-23	Lecture: Endocrine Lecture: Endocrine Lab: Endocrine FINAL EXAM WEEK	B/D