



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography Technology

Option:

Course Outline Part A

MRAD 2205 Case Studies

Hours/Week: 3

Total Hours: 20

Term/Level: 2

Lecture:

Total Weeks: 10

Credits: 2

Lab:

Other:

Prerequisites

MRAD 2205 is a Prerequisite for:

Course No.:

Course No.: MRAD 3305

Course Name: Level 1 — Medical Radiography

Course Name: Case Studies

Course Record

Developed by: Shirley Hundvik, R.T., M.Ed.
Instructor Name and Department

Date: June 1994

Revised by: Shirley Hundvik, R.T., M.Ed.
Instructor Name and Department

Date: June 1995

Approved by: Ann McMillen, R.T., M.Ed.
Associate Dean / Program Head

Start Date: Sept/95

Course Description

This course is designed to assist the student to integrate the content from all the program courses taken while focusing on a radiographic case study. The discussions are also intended to develop or improve critical thinking, problem solving and *communication* skills.

The course will examine issues and concerns related to the application of knowledge of anatomy and physiology, positioning, patient care, pathology, radiation protection, equipment, technique and other areas of concern in the solution of real life problems in medical radiography using selected case studies in chest, abdominal, extremity, pelvic, urinary and vertebral radiography.

Course readings, writing assignments, seminar discussions, and exam questions will be used to develop and evaluate the skills.

Course Goals

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

1. Apply factual knowledge to the solution of real life problems in medical radiography given a concrete situation.
 2. Use critical thinking and problem solving skills to provide creative and alternative explanations of and/or solutions to selected case studies in medical radiography.
 3. Justify recommended action when solving real life problems in medical radiography.
 4. Work effectively in a team environment.
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Evaluation

Final Examination	50%
Mid-Term	30%
Term Work	<u>20%</u>
TOTAL	100%

Course Outcomes and Sub-Outcomes



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Course Outline **Part B**

MRAD 2205 Case Studies

Effective Date

Instructor(s)

Gisela Paches, ACR

Office No.: SW3 4084

Phone: Local 5750

Office Hrs.: As Posted

Text(s) and Equipment

Required:

Hundvik, Shirley. *Case Studies*, MRAD 2205.

Recommended:

Cullinan, Cullinan. Producing Quality Radiographs, 2nd Edition. Lippincott Company.

Course Notes (Policies and Procedures)

See manual.

Assignment Details

See manual.



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Schedule

MRAD 2205 Case Studies

Week of	Outcome/Material Covered
Sept. 11	Case Study #1
Sept. 18 Shinerama: Class to be rescheduled.	Case Study #2
Sept. 25	Case Study #3
Oct. 2	Case Study #4
Oct. 9	Mid Term Exam

Tuesday	Thursday	Tuesday	Thursday	Material to be Covered
Oct. 17	Oct. 19	Oct. 31	Nov. 2	Case Study #5
Oct. 24	Oct. 26	Nov. 7	Nov. 9	Case Study #6
Nov. 14	Nov. 16	Nov. 28	Nov. 30	Case Study #7
Nov. 21	Nov. 23	Dec. 5	Dec. 7	Case Study #8
Week of December 11				Final Exam