



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: 30	Term/Level: 2
Lecture:	Total Weeks: 10	Credits: 2
Lab:		
Other:		

Prerequisites

MRAD 2205 is a Prerequisite for:

Course No.:
Course Name: Level 1 — Medical Radiography

Course No.: MRAD 3305
Course Name: Case Studies

Course Goals

To assist the student to integrate the content from all the program courses taken to this point while focusing on a radiographic case study. The discussions are also intended to develop or improve critical thinking, problem-solving and communication skills.

Course Description

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, abdomen, extremity, pelvic, urinary and vertebral radiography. Course readings, writing assignments, seminar discussions and exam questions will be used to develop and evaluate the skills.

Evaluation

Comments:

Final Examination	50%
Mid-Term Exam/project	30%
Participation & Team Work	20%

TOTAL	100%
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Course Outcomes and Sub-Outcomes

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

Course Record

Developed by: Shirley Hundvik, R.T., M.Ed. Date: June 1994
Instructor Name and Department

Revised by: Shirley Hundvik, R.T., M.Ed. Date: June 1995
Instructor Name and Department

Approved by: Ann McMillen, R.T., M.Ed. Start Date: Sept/95
Associate Dean / Program Head



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Option:

Course Outline Part B

MRAD 2205 Case Studies

Effective Date

September to December, 1996.

Instructor(s)

Shirley Hundvik, R.T., M.Ed.

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Office Hrs.: As Posted

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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	Sets	Outcome/Material Covered
Sept. 9	B/D A/C	Case #1
Sept. 16	B/D A/C	Shinerama - Class Cancelled
Sept. 23	B/D A/C	Case #2
Sept. 30	B/D A/C	Case #3
Oct. 7	B/D A/C	Mid Term Quiz

Set C	Set A	Set D	Set B	Case Study #
Oct. 15	Oct. 17	Oct. 29	Oct. 31	#4
Oct. 22	Oct. 24	Nov. 5	Nov. 7	#5
Nov. 12	Nov. 14	Nov. 26	Nov. 28	#6
Nov. 19	Nov. 21	Dec. 3	Dec. 5	#7
Week of December 9: FINAL EXAM WEEK				