



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline Part A

School of Health Sciences

Program: Medical Radiography Technology

Option:

**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 No.: MRAD 3305

Course Name: Level 1 — Medical Radiography

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%

**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.

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**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



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography Technology

Option:

Course Outline Part B

**MRAD 2205 Case Studies**

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**Effective Date**

September to December, 1997.

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**Instructor(s)**

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

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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.

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**Course Notes (Policies and Procedures)**

See manual.

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**Assignment Details**

See manual.

## Case Study Class Schedule 1997 Level 2

Week of	Sets	Outcome/Material Covered
Sept. 2	B/D A/	Case #1
Sept. 8	B/D A/C	Case #2
Sept. 15	B/D A/C	Shinerama - Class Cancelled
Sept. 22	B/D A/C	Case #3
Sept. 29	B/D A/C	Case #4
Oct. 6	B/D A/C	Mid Term Quiz

Set D	Set B	Set C	Set A	Case Study #
Oct. 14	Oct. 16	Oct. 28	Oct. 30	#5
Oct. 21	Oct. 23	Nov. 4	Nov. 6	#6
* Nov. 11	Nov. 13	Nov. 25	Nov. 27	#7
Nov. 18	Nov. 20	Dec. 2	Dec. 4	#8
Week of December 8: FINAL EXAM WEEK				

\* SET D: November 11 is a holiday that will require Case #7 to be made up. Because Shinerama results in classes being cancelled for the day, the Case study class for all sets that week will be cancelled. Set D will have the Nov. 11 class rescheduled to Tuesday, Sept. 16, 13.30 to 15.30. The case for completion on Sept. 16 will be Case #7.