



POLYTECHNIC INSTITUTION

Program: Medical Radiography Technology

MRAD 2215
Case Studies

Start Date:	September, 2005	End Date:	December, 2005
Total Hours:	20	Total Weeks:	10
Hours/Week:		Term/Level:	2
	Seminar:	Course Credits:	1.5
	2		
Prerequisites		MRAD 2215 is a Prerequisite for:	
Course No.	Course Name	Course No.	Course Name
Level 1	All Courses	Level 3	All Courses

■ Course Description

This course is designed to provide a bridge between classroom theory and clinical work through group discussions and presentations. Students will research selected case studies that examine issues and concerns related to the solutions of real problems in medical radiography, and apply their knowledge of anatomy and physiology, positioning, patient care, pathology, radiation protection, equipment, techniques, ethics and other areas to fellow students through presentations. Through seminar discussions and peer feedback, student's will be provided the opportunity to enhance their critical thinking, problem-solving and communication skills.

■ Course Learning Outcomes/Competencies

The goals of the course are to assist the student in integrating the content from all the program courses as well as applying research skills while focusing on a radiographic case study. The discussions and peer feedback are also intended to develop or improve critical thinking, teamwork and communication skills.

Upon successful completion, the student will be able to:

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.
5. communicate ideas and knowledge clearly to fellow classmates.
6. participate coherently in classroom discussions.
7. provide feedback to peers in a thoughtful and non-threatening manner.

The course outcomes correspond with the published competency profiles of the CAMRT.

■ Assignment Details

An optional assignment is available for students to complete. See online case studies information (<http://online.bcit.ca>).

■ Evaluation

A minimum total mark of 60% is required to successfully complete this course.

Final Examination	40%	Optional assignment worth 2%
Midterm Exam	30%	
Term Work	30%	
Participation/presentation and research 25%		
peer assessment 10%		
TOTAL	100%	

■ Verification

I verify that the content of this course outline is current.


Dori Kaplun- Authoring Instructor

31 Aug 05
Date

I verify that this course outline has been reviewed.

M. Filippelli
Mary Filippelli - Program Head/Chief Instructor

Sept 5/05
Date

I verify that this course outline complies with BCIT policy.

Allen Billy
Allen Billy - Dean/Associate Dean

30 August/05
Date

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

■ Instructor(s)

Dori Kaplun, ACR, MED

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Office Hrs.: As posted

Office Phone: Local 8743
E-mail Address: dori_kaplun@bcit.ca

■ Learning Resources

Required:

Case Studies Manual MRAD 2215 – available online through WebCT

Recommended:

Current Journals

Radiological Texts

Internet (valid internet sites only such as government, universities, hospitals, professional medical organization etc.)

■ Information for Students

All institute policies are available for review at <http://www.bcit.ca/about/administration/policies.shtml>.