



A POLYTECHNIC INSTITUTION

School of Health Sciences

Program: Medical Radiography Technology

Option:

**MRAD 3315
Case Studies**

Start Date: January, 2006	End Date: April, 2006
Total Hours: 24 Total Weeks: 8	Term/Level: 3 Course Credits: 1.5
Hours/Week: Lecture: Lab:	Shop: Seminar: 3 Other:
Prerequisites	MRAD 3315 is a Prerequisite for:
Course No. Course Name	Course No. Course Name
Successful completion of Level 2	Clinical Level 4

Course Description

This course is a continuation of mrad 2215 and continues to enhance critical thinking and communication skills by bridging classroom theory and clinical work. 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. In addition other modalities will be explored presentations and group discussions.

Course Learning Outcomes/Competencies

The goals of the course are to assist the student in integrating content from all the program courses as well as applying research skills while focusing on a radiographic case study. The discussions are also intended to enhance critical thinking, problem-solving and communication skills.

Upon successful completion, the student will be able to:

1. Apply imaging knowledge to understand realistic clinical scenarios.
2. Apply critical thinking and problem-solving skills to provide creative and alternative solutions to patient situations.
3. Analyze recommended action when solving issues in medical radiography.
4. Work effectively in a team environment.
5. Generate experiments to support radiography theory.
6. Analyze researched information for validity and application implications.
7. Develop multi-faceted communication skills by communicating ideas and knowledge clearly and providing written feedback 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 (<https://online.bcit.ca>).

Course Grading

A pass mark of 60% is required to be achieved in order to successfully complete mrad 3315. The midterm and final exams must have an average minimum grade of 60% in order to be successful in this course.

Evaluation

Final Examination	45%	Optional: Case Study Presentation, 2%
Midterm Examination	30%	
Participation / presentation & research	20%	
Feedback	5%	
TOTAL	<u>100%</u>	

Verification

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

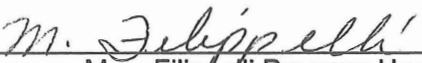


Dori Kaplun Authoring Instructor

3 Jan 2006

Date

I verify that this course outline has been reviewed.



Mary Filippelli Program Head

Jan 3/06

Date

I verify that this course outline complies with BCIT policy.



Allen Billy Associate Dean

22 December, 2005

Date

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

Instructor(s)

Dori Kaplun, ACR, M.Ed.	Office Location: SW3-4084	Office Phone: 604-432-8743
	Office Hrs.: As posted	E-mail Address: dori_kaplun@bcit.ca

Learning Resources

Required:

Case Studies Manual MRAD 3315 – available online

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>.

Ethics: BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course.

Attendance: The attendance policy as outlined in the current BCIT Calendar will be enforced. Attendance will be taken at the beginning of each session. Students not present at that time will be recorded as absent and will not receive marks for participation for that class.