



A POLYTECHNIC INSTITUTION

School of Health Sciences

Program: Medical Radiography Technology

Option:

MRAD 2215
Case Studies**Start Date:** September, 2003**End Date:** December, 2003**Total Hours:** 16 **Total Weeks:** 8**Term/Level:** 2 **Course Credits:** 1**Hours/Week:** **Seminar:** **Lab:** **Shop:** **Seminar: 2** **Other:****Prerequisites****Course No.** **Course Name**

Level 1 All Courses

MRAD 2215 is a Prerequisite for:**Course No.** **Course Name**

Level 3 All Courses

■ 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. Other imaging modalities correlating to the case study will be discussed. Readings, assignments, seminar discussions and exam questions will be used to develop and evaluate these skills.

■ Detailed Course Description

The goal of the course is to assist the student in integrating 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, teamwork and communication skills.

■ Evaluation

Final Examination	40%	Optional assignment 5%
Midterm Exam	30%	
Participation and Term Work	30%	Final or Midterm % will be adjusted to reflect assignment.
TOTAL	100%	

■ Course Learning Outcomes/Competencies

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.

■ **Verification**

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

Dori Kaplun
Authoring Instructor

Aug 22, 2003
Date

I verify that this course outline has been reviewed.

Program Head/Chief Instructor

Date

I verify that this course outline complies with BCIT policy.

Dean/Associate Dean

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 Phone: Local 8743

Office Hrs.: As posted

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■ Learning Resources

Required:

Examples of useful websites:

<http://www.onhealth.com>

<http://www.webmd.com>

<http://www.healthcentral.com>

<http://www.planetrx.com>

<http://www.adam.com>

<http://www.healthatoz.com>

<http://www.discoveryhealth.com>

<http://www.mylifepath.com>

<http://www.intelihealth.com>

<http://www.healthanswers.com>

<http://www.cbs.medscape.com>

<http://www.accenthealth.com>

<http://www.thedailyapple.com>

<http://www.realage.com>

<http://www.personalmd.com>

<http://www.americasdoctor.com>

<http://www.drugdigest.com>

<http://www.health-center.com>

<http://www.allhealth.com>

<http://www.drkoop.com>

<http://www.gomez.com>

<http://www.medbroadcast.com>

<http://www.askdrbob.com>

<http://www.nhsdirect.nhs.uk>

<http://www.emc.vhn.net>

<http://www.ThriveOnLine.com>

<http://www.Adam.com>

<http://www.surgerydoor.co.uk>

<http://www.netdoktor.com>

<http://www.worldclinica.com>

<http://www.ebbs.com>

<http://www.meddean.luc.edu/lumen/index.html>

■ Information for Students

(Information below can be adapted and supplemented as necessary.)

Assignments: Late assignments, lab reports or projects will **not** be accepted for marking. Assignments must be done on an individual basis unless otherwise specified by the instructor.

Makeup Tests, Exams or Quizzes: There will be **no** makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

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.

Illness: A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

Course Outline Changes: The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

See manual.

■ Assignment Details

See manual (<http://online.bcit.ca>).