



## Course Outline

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Operating Unit: Health Sciences

Program: Medical Radiography Technology

Option:

**MRAD 2205  
Case Studies**

**Start Date:** September, 1999

**End Date:** December, 1999

**Course Credits:** 2

**Term/Level:** 2

**Total Hours:** 30

**Total Weeks:** 10

<b>Hours/Week:</b>	<b>Lecture:</b>	<b>Lab:</b>	<b>Shop:</b>	<b>Seminar:</b>	<b>Other:</b>
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### Prerequisites

### MRAD 2205 is a Prerequisite for:

<b>Course No.</b>	<b>Course Name</b>
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Level 1 – Medical Radiography

<b>Course No.</b>	<b>Course Name</b>
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MRAD 3305 Case Studies

### Course Calendar 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 the skills.

### 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.

### Evaluation

Final Examination	40%	<b>Comments:</b> Optional assignment 5%
Mid-term Exam/Project	30%	
Participation & term Work	30%	
<b>TOTAL</b>	<u>100%</u>	

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### Course Learning Outcomes/Competencies

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 Content Verification

I verify that the content of this course outline is current, accurate, and complies with BCIT Policy.

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Program Head/Chief Instructor

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Date



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**Instructor(s)**

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**Learning Resources**

**Recommended:**

Internet, journals.

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**BCIT Policy Information for Students**

See manual.

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**Assignment Details**

See manual.