



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Option:

Course Outline Part A

MRAD 4400/5500

Clinical Education

Hours/Week:	37.5	Total Hours:		Term/Level:	4/5
Lecture:		Total Weeks:	52	Credits:	35
Lab:					
Other:	Clinical Experience				

Prerequisites

MRAD 4400/5500 is a Prerequisite for:

Course No.	Course Name
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MRAD 3300	Clinical Education and all level 3 didactic courses.
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successful completion of the Medical Radiography program.

Course Goals

To provide the necessary radiographic experiences for the student to develop into a competent, efficient, job-ready technologist able to meet the radiographic requirements of any general radiographic imaging department.

Course Description

This course is designed to provide the student with practical experience in all areas of Medical Radiography. The student will gain this experience under the supervision of the clinical instructor and staff technologist in assigned clinical facilities.

Evaluation

Satisfactory

In order to receive a satisfactory standing, the student must:

- correctly and **CONSISTENTLY** perform all of the objectives as stated in the course outline and student manual.
- obtain a passing grade of 60% in twelve written examinations given by BC's clinical facilities.
- meet the volume, quality and percentage requirements of the Summary of Clinical Experience.

Unsatisfactory

A student may be considered to have an unsatisfactory standing if:

- objectives are not met.
- improvement strategies do not result in meeting of objectives.
- progress requirements for Summary of Clinical Experience are not satisfactorily met.
- difficulty is demonstrated with the academic portion of the training (i.e., more than three multiple choice exam results are less than 60%).

An unsatisfactory standing will be given at the discretion of the clinical instructor. Improvement strategies must have been attempted and documented prior to giving of an unsatisfactory standing.

- all situations resulting in an unsatisfactory standing will be reviewed with the student.
- additional tasks and strategies may be assigned at the discretion of the clinical instructor.
- a student may be placed on probation when an unsatisfactory standing has not been cleared.
- the clinical instructor may request assistance from the BCIT liaison instructor in dealing with an unsatisfactory standing.

Course Outcomes and Sub-Outcomes

Upon successful completion of this course the student will be able to:

1. Provide safe care for all patients.
2. Consistently apply satisfactory positioning and technique skills.
3. Carry out radiation safety precautions for all patients, staff, and self as designated by provincial and national radiation protection codes.
4. Handle the required equipment in a competent manner.
5. Prepare the radiographic room for all examinations to be done.
6. Keep the work area clean and stocked.
7. Judiciously use the material resources.
8. Communicate effectively with all individuals with whom he/she has contact.
9. Interact appropriately with all members of the health care team.
10. Document information as necessary for each procedure undertaken.
11. Competently critique all radiographs.
12. Organize and perform work efficiently while working as an effective team member.
13. Carry out the organizational policies and procedures of a department of radiology (Imaging Dept.).

Course Record

Developed by: Level 4/5 Clinical Instructors Date: September, 1996
Instructor Name and Department (signature)

Revised by: Clinical Co-Ordinator *A. McMillen* Date: September, 1996
Instructor Name and Department (signature)

Approved by: *S. Kendrick* Start Date: May 1997
Associate Dean / Program Head (signature)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Option:

Course Outline **Part B**

MRAD 4400/5500

Clinical Education

Effective Date: May, 1996

Instructor(s)

Cindy Gibbons	—	Burnaby Hospital
Nancy Devlin	—	BC Children's Hospital
Helen Domshy	—	Prince George
Anna Yoshida	—	Royal Inland
Patty Anderson	—	Kelowna General
Henry Ross	—	Royal Columbian
Anna Grace	—	Lions Gate
Phyllis Wasylyshyn	—	Vancouver Hospital
Joanne Peterson	—	St. Paul's
Louise Kallhood	—	Greater Victoria Hospital Society

Text(s) and Equipment

Required: CAMRT Curriculum Guide and Texts

Recommended: At the discretion of individual hospital clinical instructors.

Course Notes (Policies and Procedures)

Please refer to individual hospital policies and procedures.

Assignment Details

The CAMRT *Record of Clinical Experience* should be completed in the following manner.

At the end of:

3 months	35% (113 cases)
6 months	60% (194 cases)
11 months	95% (306 cases)
12 months	100% complete



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Schedule

MRAD 4400/5500

Clinical Education

Week of/ Number	Outcome/Material Covered	Reference/Reading	Assignment	Due Date
52	upper limb shoulder girdle lower limb pelvic girdle arthrography thoracic cage vertebral column cranium nervous system cardiovascular / angiography respiratory system digestive system female reproductive system body section radiography mobiles O.R. pediatrics quality control	CAMRT booklist and assigned hospital readings.	At the discretion of the hospital clinical instructor.	As per individual hospital timetables.