



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Operating Unit: Health Sciences

Program: Medical Imaging

Option: Medical Radiography

Course Outline

MRAD 1107
Clinical Orientation

Start Date: January, 1999

End Date:

Course Credits: 3

Term/Level: 1

Total Hours: 48

Total Weeks: 16

Hours/Week:	Lecture:	Lab:	Shop:	Seminar:	Other:
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Prerequisites

MRAD 1107 is a Prerequisite for:

Course No. Course Name

Course No. Course Name

MRAD 1108

Course Calendar Description

Upon successful completion of clinical skills orientation (MRAD 1107) the student will be assigned to a clinical facility to gain experience in skeletal, injectable contrast procedures, fluoroscopy and other relevant areas where they will participate in basic radiographic procedures.

Course Goals

To introduce the student to basic clinical skills and theory required in the Imaging Department of the hospital.

Evaluation

Final Examination	50%	A grade of 60% is required.
Project	25%	
Midterm	25%	
TOTAL	100%	

Course Learning Outcomes/Competencies

Upon successful completion the student will be able to:

	Competency
1. Prepare contrast medium for upper and lower gastrointestinal examinations.	C5
2. Prepare injectable contrast media.	C5
3. Assemble a primary IV tubing set up.	C5
4. Provide patient care that will insure safety of patients, co-workers and others.	C4
5. Communicate effectively with the patient prior to, during, and after a radiographic examination.	C2
6. Demonstrate appropriate interpersonal skills.	C2, C3, E1, E2
7. Carry out acceptable radiation protection practices.	
8. Document required information pertinent to radiographic procedures.	A8
9. Demonstrate professional attitudes and behaviors.	E1, E2, E3
10. Be familiar with the Provincial Health Care System and its effects on the hospital imaging department.	E3
11. Be familiar with the medico legal aspects of the clinical procedures/environment.	E1
12. Understand and interpret medical terminology as it applies to the clinical environment.	A1

Course Content Verification

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

Program Head/Chief Instructor

Date

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



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MRAD 1107
Clinical Orientation

Instructor(s)

Gisela Paches, ACR., M. Ed

Office No.: SW3 4084

Office Phone: 8743

Office Hrs.: Schedule posted

E-mail Address:

Learning Resources

Required:

Recommended:

- Ballinger, Philip, W.M.S., P.T. (R). 1986. *Merrill's Atlas of Radiographic Positions and Radiologic Procedures*, (8th Ed.). (Vol. 1, 2, 3). Toronto: C.V. Mosby Co.
 - Kozier, B., & Erb, G. (1987). *Fundamentals of Nursing Concepts and Procedures* (3rd Ed.). Addison Wesley.
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BCIT Policy Information for Students

Assignment Details