



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Imaging

Option: Medical Radiography

Course Outline **Part A**

¹¹⁰⁷
MRAD 1100-A
Clinical Education
Orientation

Hours/Week	3	Total Hours:	48	Term/Level:	1
Lecture:		Total	16	Credits:	2.5 3.0
Lab:		Weeks:			
Other:					

Prerequisites

is a Prerequisite for:

Course No.	Course Name	¹¹⁰⁰ Course No. 1100-B	Course Name
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Course Goals

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

Course Description

Upon successful completion of clinical skills orientation (¹¹⁰⁷MRAD ~~1100-A~~) 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.

Evaluation

Upon completion of ¹¹⁰⁷MRAD ~~1100-A~~ the student will:

1. Satisfactorily complete the following evaluations:
 - Contrast media preparation for upper and lower G.I. examinations
 - Preparation of injectable contrast
 - Assemble a basic primary IV line
2. Achieve not less than 60% on their written examination

Course Outcomes and Sub-Outcomes

Upon successful completion the student will be able to:

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

Course Record

Developed by: M. Filippelli, RTR., M.Ed. Date: December 1997
Instructor Name and Department (signature)

Revised by: _____ Date: _____
Instructor Name and Department (signature)

Approved by: _____ Start Date: _____
Instructor Name and Department (signature)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Imaging

Option: Medical Radiography

Course Outline **Part B**

1107
MRAD 1100-A
Clinical Education

Orientation

Effective Date

January 1998

Instructor(s)

«Instructor(s)»	Office No.:	«Off»	Phone: «Phone»
Valerie Palm, ACR		SW3-4077	5417
Lois Tanner, RTR			
Shelly Virk, RTR			
Gisela Paches, ACR		SW3-4084	8743

Text(s) and Equipment

Recommended:

Ballinger, Philip, W.M.S., P.T. (R). 1986. *Merrill's Atlas of Radiographic Positions and Radiologic Procedures*, (6th 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.

Making Structure
Modern
Project
Final