



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography Technology

Option:

Course Outline Part A

MRAD 3300
Clinical Education

Hours/Week: 35

Lecture:

Lab:

Other:

Total Hours: 245

Total Weeks: 7

Term/Level: 3

Credits: 16

Prerequisites

MRAD 3300 is a Prerequisite for:

Course No. Course Name

MRAD 2200 Clinical Experience

Course No. Course Name

MRAD 4400

Course Goals

The student must complete the three positioning contracts not completed in MRAD 2200 and obtain a grade of at least 60% while demonstrating professional conduct and attitudes. Student select their clinical positioning contract from the following:

1. Upper extremities, thoracic cage, shoulder girdle and spine
2. Lower extremities and pelvic girdle
3. IVP procedures, chest and abdomen
4. Fluoroscopic procedures

The Unassisted Additional Contract must be completed as well.

10 successful blood pressures must also be completed.

Course Description

Under the supervision of the clinical instructor/hospital technologists, the student will gain experience in Fluoroscopic procedures, IVP procedures, and basic skeletal radiography.

Evaluation

Three clinical contracts must be completed and a total term mark of 60 must be achieved. Credits earned = Term Mark.

15 credits	for each completed contract — Required
10 credits	for completion of the Unassisted Additional Contract requirements — Required
15 credits	for Attitudes and Behaviors
1 credit	for every 10 UNASSISTED cases entered on the Unassisted Additional Credit Record to a maximum of 10 credits providing the cases were not also used to meet contract objectives
1 credit	for every 20 assisted or unassisted cases entered in the Work Experience Record (maximum 20 credits)
-5 credits	for every repeat clinical performance evaluation required
-5 credits	for each and every discrepancy or inconsistency with the Student Policies
-5 credits	for commencing or carrying out an examination without an RT present
-5 credits	for each missed Department Orientation objective evaluated
-2 credits	for inappropriate goal setting
-2 credits	for tardiness
-2 credits	for non-completion of blood pressure assignment

Course Outcomes and Sub-Outcomes

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

1. Prepare the radiographic room for the examination to be done.
2. Provide satisfactory patient care for all patients.
3. Communicate effectively with the patient prior to and during the examination.
4. Interact appropriately with all members of the health care team.
5. Apply satisfactory positioning technique skills for all examinations undertaken.
6. Handle the required equipment in a competent manner.
7. Carry out acceptable radiation safety precautions for patients, staff, and self at all times.
8. Document information as necessary for each procedure undertaken.
9. Competently critique radiographs associated with all examinations undertaken.
10. Organize work efficiently.
11. Demonstrate professional behaviors and attitudes.

Withdrawal from Clinical Education

Mandatory Withdrawal

Students will be withdrawn from the clinical environment when they consistently fail to achieve the minimum acceptable standards in one or all of the following areas:

- Adherence to assigned department policies and procedures
- Patient care
- Positioning skills
- Interpersonal relationships
- Professional behaviors and attitudes
- Radiation safety
- Equipment handling

Voluntary Withdrawal

Students may voluntarily withdraw from Clinical Education MRAD 3300. Counselling with respect to the career choices is available to all students.

Course Record

Developed by: A. McMillen, Clinical Co-ordinator Date: October, 1996
Instructor Name and Department (signature)

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

Approved by: _____ Start Date: _____
Associate Dean / Program Head (signature)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography Technology

Option:

Course Outline **Part B**

MRAD 3300
Clinical Education

Effective Date

January, 1996

Instructor(s)

TBA

Office No.: SW3-4077

Phone: 5417

Office Hrs.:

The student will gain experience under the **direct supervision** of the clinical instructor/hospital technologist.

Text(s) and Equipment

Required:

- Clinical Education Manual
- R & L markers
- Tape measure
- Pens, felt tip and ball point
- Uniform and shoes as detailed in the Clinical Education Manual
- Name tag, level pin, TLD
- Student clinical positioning notebook

Reference:

Ballinger, Philip W., M.S., P.T. (R). Merrill's Atlas of Radiographic Positions and Radiologic Procedures. C.V. Mosby Co., Toronto. Sixth Edition. Volumes 1, 2, 3.2.

Tortora, Gerard J. & Anagnostakos, Nicholas P. Principles of Anatomy and Physiology. Harper & Row, New York. Sixth Edition.

Carlton, R. & Alder, A. Principles of Radiographic Imaging. Delmar Publishers.

Taber's Cyclopedic Medical Dictionary. C.V. Mosby.

Kozier and Erb. Fundamentals of Nursing, Concepts and Procedures.

Radiobiology & Protection, MRAD 308 Manual.

Course Notes (Policies and Procedures)

Assignment Details