



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography Technology

Option:

Course Outline Part A

**MRAD 2200 Clinical Education**

Hours/Week: 35

Total Hours: 140

Term/Level: 2

Lecture:

Total Weeks: 4

Credits: 11.5

Lab:

Other:

**Prerequisites**

**MRAD 2200 is a Prerequisite for:**

Course No.: MRAD 100

Course No.: MRAD 3300

Course Name: Clinical Experience

Course Name: Clinical Education

**Course Record**

Developed by: \_\_\_\_\_  
Instructor Name and Department

Date: \_\_\_\_\_

Revised by: \_\_\_\_\_  
Instructor Name and Department

Date: \_\_\_\_\_

Approved by: \_\_\_\_\_  
Associate Dean / Program Head

Start Date: \_\_\_\_\_

**Course Description**

To provide students with clinical experience in the hospital setting. Learning contracts are used for this and the succeeding courses (MRAD 3300).

The student must complete one clinical positioning contract and the Equipment and Processing Contract and obtain a grade of at least 60% while demonstrating professional conduct and attitude. Students 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, or
4. Fluoroscopic procedures.

It the student's responsibility to document the necessary activities and obtain the required signatures for work completed. The student's hospital rotation will be designed to allow for achievement of the specified objectives in each contract.

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## Evaluation

One clinical positioning contract of the student's choice together with the Equipment and Processing Contract must be completed and a course mark of 60% must be achieved for successful completion of this course.

Credits for the course will be allocated as follows:

**25 credits** for the completed required positioning contract.

**25 credits** for completion of the Equipment and Processing Contract.

**15 credit** for Attitudes and Behaviors.

**1 credit** for every 5 U or A cases (Obj. 3-8) entered in the 3 remaining contracts (maximum 15 credits).

**1 credit** for every 6 Unassisted cases entered on the Unassisted Additional Credit Record (maximum 10 credits).

**1 credit** for every 10 U or A cases entered on the Work Experience Record (maximum 10 credits).

**-5 credits** for every repeat clinical evaluation required.

**-5 credits** for each and every discrepancy or inconsistency with the Student Policies.

**-2 credits** for inappropriate goal setting.

**-5 credits** for each missed Department Orientation objective evaluation.

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## Course Outcomes and Sub-Outcomes

Upon successful 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 associated with the contracted area with the exception of trauma 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 of the contracted area.
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 carried out.
9. Competently critique radiographs associated with selected contracted area.
10. *Organize* work effectively.
11. *Demonstrate professional behaviors and attitudes.*



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Course Outline Part B

**MRAD 2200 Clinical Education**

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**Effective Date**

September, 1995

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**Instructor(s)**

Rita McLaughlin, ACR  
Valerie Palm, ACR  
Debbie Bahee, RTR

Office No.: SW3-4077

Phone: 5417

Office Hrs.:

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

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**Text(s) and Equipment**

**Required:**

Clinical Education Notes MRAD 2200/3300

Clinical Education Workbook

**Equipment**

1. R and L markers
2. Tape measure
3. Pens, felt tip and ballpoint
4. Bit card
5. Uniform and shoes as detailed in the Clinical Education Manual
6. Name tag, level pin, TLD
7. Student clinical positioning notebook

**Recommended:**

Ballinger, Philip W., M.S., P.T. (R). (7th edition). Merrill's Atlas of Radiographic Positions and Radiologic Procedures. C.V. Mosby Co., Toronto.

Cullinan and Cullinan. (2nd edition). Producing Quality Radiographs. J.B. Lippincott Company.

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## **Course Notes (Policies and Procedures)**

### **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 2200. Counseling with respect to career choices is available to all students.