

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

COURSE OUTLINE

COURSE NAME Clinical Education

COURSE NUMBER MRAD 3300

DATE January, 1995

Prepared by S. Hundvik, R.T., M.Ed.
Clinical Coordinator

Taught to Level 3

School Health Sciences
Medical Radiography

School Health Sciences
Medical Radiography

Program Technology

Program Technology

Date Prepared December, 1994

Option _____

Level 3 Hrs/Wk 35.0 Credits 16.0

No. of Weeks 7 Total Hours 245.0

Instructor(s) S. Boyd, ACR / R. McLaughlin, ACR / V. Palm, ACR Office SW3-4077 Local 5417

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

PREREQUISITES

MRAD 2200 - Clinical Experience

COURSE OBJECTIVES

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

1. Prepare the radiographic room for the examination to be done.
2. Provide safe 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 and technique skills for all examinations.
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.
10. Show a continuing desire to organize work efficiently.

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
10 credits	for completion of the Unassisted Additional Contract requirements
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 R.T. present
-5 credits	for each missed Department Orientation objective evaluated
-2 credits	for inappropriate goal setting

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Students will be withdrawn from the clinical environment when they consistently fail to achieve the minimum acceptable standards in one or all of the following areas: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 2200. Counselling with respect to the career choices is available to all students.

REQUIRED TEXT(S) AND EQUIPMENT

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

1. 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.
 2. Tortora, Gerard J. & Anagnostakos Nicholas P. Principles of Anatomy and Physiology. Harper & Row, New York. Sixth Edition.
 3. Carlton, R. & Alder, A. Principles of Radiographic Imaging. Delmar Publishers.
 4. Taber's Cyclopedic Medical Dictionary. C.V. Mosby.
 5. Kozier and Erb. Fundamentals of Nursing, Concepts and Procedures.
 6. Radiobiology & Protection, MRAD 308 Manual.
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COURSE SUMMARY

This course utilizes Contracts for detailing requirements necessary for achieving clinical competence. The three contracts from the following list not completed in Level 2 must be completed including the required evaluations:

1. Lower Extremities and pelvic girdle; required evaluation: hip with transfemoral view
2. Upper Extremities, thoracic cage, shoulder girdle and spinal column; required evaluation: one spine examination
3. IVP procedures, Chest and Abdomen; required evaluation: one IVP examination
4. Fluoroscopic procedures; required evaluations: one S&D and/or SBFT examination and one colon examination

It is 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 objectives as specified in the workbook for each contract.