BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

COURSE OUTLINE

COURSE NAME *Case Studies*

COURSE NUMBER *MRAD 3305* | DATE *January, 1996*

Prepared by *Shirley Hundvik, R.T., M.Ed.* | Taught to *Third* Level

School *Health Sciences* | School

Program *Medical Radiography* | Program

Date Prepared *December, 1995* | Option

Term *Level 3* Hrs/Wk *3 hrs* Credits *1.5*

No. of Weeks *9* Total Hours *27*

Instructor(s) *Shirley Hundvik, R.T., M.Ed.* Office *SW3 4077* Local *6918*

Office Hours *As Posted*

PREREQUISITES

MRAD 205

COURSE GOALS

To continue to assist the student to integrate the content from all the program courses by focusing on specific radiographic case studies. The discussions are also intended to continue to develop or improve critical thinking and problem solving skills.

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

a. Apply factual knowledge to the solution of real life problems in medical radiography given a concrete situation.

b. Use critical thinking and problem-solving skills to provide creative and/or alternative explanations of solutions to selected case studies in medical radiography.

c. Justify recommended actions when solving real life problems in medical radiography.

EVALUATION

Final Examination	50	%	60% term mark required for
Mid-Term	35	%	successful completion of
Other (1) Participation	15	%	course.

REQUIRED TEXT(S) AND EQUIPMENT

1. MRAD 305 Case Study Manual, Level 3.

2. Carlton, Adler. Principles of Radiographic Imaging.

REFERENCE TEXTS AND RECOMMENDED EQUIPMENT

1. Program Course Notes to date.

2. Cullinan, Cullinan. Producing Quality Radiographs, 2nd Edition.

COURSE SUMMARY

This course will examine issues and concerns relating to the application of knowledge of A & P, positioning, patient care, pathology, radiation protection, equipment, technique and other applicable areas in the solution of real life problems in medical radiography.

In addition, this course is designed to provide the bridge between classroom theory and clinical work through group discussions and presentations and allow the student the opportunity to develop critical thinking and problem-solving skills.