

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

COURSE OUTLINE

COURSE NAME Case Studies

COURSE NUMBER MRAD 3305 | DATE January, 1995

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

School Health Sciences | School _____

Program Medical Radiography | Program _____

Date Prepared December, 1994 | Option _____

Term Level 3 Hrs/Wk 3 hrs Credits 1

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 OBJECTIVES

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

- Apply factual knowledge to the solution of real life problems in medical radiography given a concrete situation.
- Use critical thinking and problem-solving skills to provide creative and/or alternative explanations of solutions to selected case studies in medical radiography.
- Justify recommended actions when solving real life problems in medical radiography.

EVALUATION

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

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.