



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health

Program: Medical Radiography

Option:

Course Outline **Part A**

MRAD 3309

Special Procedures

Hours/Week:	3	Total Hours:	21	Term/Level:	3
Lecture:		Total Weeks:	7	Credits:	2
Lab:					
Other:					

Prerequisites

MRAD 3309 is a Prerequisite for:

Course No.	Course Name	Course No.	Course Name
Levels 1 & 2	Radiographic Procedures		
Levels 1 & 2	Radiographic Anatomy		
Levels 1 & 2	Image Recording, Equipment & Quality Control		

Course Goals

To provide students with an overview of special radiographic procedures. Students will also discuss the role of the technologist in relation to the radiography produced and their role with the rest of the health care team.

Course Description

The instruction of this course will cover the fundamentals of special procedures in radiology. Through lectures, demonstrations and the use of audio-visual aids, the students will become aware of the technologist's role in performing the examinations listed in the Course Outcomes.

Evaluation

Final Examination	40%	In order to receive a pass mark, you must obtain a score of 60%.
Quiz #1	25%	
Quiz #2	35%	
TOTAL	100%	

Course Outcomes and Sub-Outcomes

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

Relating to mammography, myelography, arthrography, computed tomography, angiography, interventional radiology, and radiography of the biliary and reproductive systems:

1. Describe the radiography procedure.
2. Discuss the indications and contraindications.
3. Discriminate among available contrast media used.
4. Discuss patient positioning for routine projections/views considering surface landmarks, beam directions and centering points.
5. Identify accessory equipment and supplies.
6. Identify the radiographic anatomy visualized.
7. Identify the role of the technologist as part of the special procedures team.

Course Record

Developed by:	_____	Date:	_____
	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

Program: Medical Radiography

Option:

Course Outline **Part B**

MRAD 3309

Special Procedures

Effective Date

January, 1998

Instructor(s)

Gisela Paches

Office No.: SW3-4084

Phone: 8743

Office Hrs.: As posted

Text(s) and Equipment

Required:

1. Merrill's Atlas of Radiographic Positions and Radiologic Procedures, 8th Edition, Phillip W. Ballinger.
2. Procedures in Diagnostic Radiology, Terence Doyle, William Hare, Kenneth Thomson, Brian Tess, 1989.
3. Curriculum Guide for Medical Radiographic Technology published by the C.A.M.R.T.
4. Fundamentals of Special Radiographic Procedures, Albert Snopeck.
5. Special Procedures Manual – D. Kaplun, 1997.

Course Notes (Policies and Procedures)

Assignment Details



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health

Program: Medical Radiography

Option:

Schedule

MRAD 3309

Special Procedures

B/D		A/C		Topic	Module
Jan.	5	Jan.	19	Introduction	
	6		20	Myelography	1
	9		23	Myelography/Discography	1
	12		26	Arthrography	2
	13		27	Arthrography/Venography	2/13
	16		30	Hysterosalpingography	4
Feb.	2	Feb.	16	QUIZ #1	
	3		17	Mammography	5
	6		20	Computed Tomography	3
	9		23	Computed Tomography	3
	10		24	Angiography Principles	6
	13		27	Angiography/DSA	6/14
Mar.	2	Mar.	16	QUIZ #2	
	3		17	Abdominal and Peripheral Arteriography	7/8
	6		20	Cerebral and Thoracic Arteriography	9/10
	30		23	Cardiac Arteriography/Pulmonary	11/12
	31		24	Lymphangiography	15
Apr.	3		27	Interventional	19
	6	Apr.	14	Sialography	17
	7		17	Review	