

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

COURSE OUTLINE

COURSE NAME Special Procedures

COURSE NUMBER HRAD 3309

DATE January, 1995

Prepared by D. Kaplun

Taught to Level 3 Year

School Health

School Health

Program Medical Imaging

Program Medical Imaging

Date Prepared December, 1994

Option Medical Radiography

Level 3 Hrs/Wk 3 Credits 2

No. of Weeks 8 Total Hours 21

Instructor(s) Dori Kaplun Office 4084 Local 5750

Home 980-8173

Office Hours Monday, Tuesday, Thursday

PREREQUISITES

Radiographic Procedures	Levels 1 & 2
Imaging	Levels 1 & 2
Radiographic Anatomy	Levels 1 & 2

COURSE OBJECTIVES

1. Relating to mammography, arthrography, computed tomography, angiography, interventional radiology and radiography of the biliary and reproductive system, the student will be able to:
 - A. describe the radiographic procedures.
 - B. discuss the indications and contraindications.
 - C. discriminate between available contrast media used.
 - D. describe and discuss patient positioning; surface landmarks, beam direction and centering points for routine projections/views.
 - E. identify accessories.
 - F. identify the radiographic anatomy visualized.
 - G. identify the role of the technologist as part of the specials team.

EVALUATION

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

TEXT(S)

1. Merrill's Atlas of Radiographic Positions and Radiologic Procedures, 7th 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, 1995.
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COURSE GOALS

To give the students an overview of special procedures relating the role of the technologist with the rest of the health care team and the radiography produced.

COURSE SUMMARY

The instruction of this course will cover the fundamentals of special procedures in radiology.

COURSE OUTLINE
(continued)

Module	A/C	B/D	Topic
17 17/1 1	Jan 9 10 12	23 24 26	ERCP/PTC PTC/Myelography Myelography
2 2/14 4/5	16 17 19		Arthrography Arthrography/Venography Pelvimetry/Hysterosalpingography
2 2/14		30 Feb 2 3	Dr. Wing Arthrography Arthrography/Venography
	Feb 6		Dr. Wing
6	7	20	Quiz #1
	9		Mammography
4/5 6		21 23	Pelvimetry/Hysterosalpinography Mammography
6	13	Feb 27	Mammography
3 3	14 16	28 Mar 2	Computed Tomography Computed Tomography
7 7	6 7 10	20 21 23	Angiographic Principles Angiographic Principles/DSA Quiz #2
8/9 11/10 13/12	April 3 4 6	27 28 30	Abdominal and Peripheral Arteriography Cerebral and Thoracic Arteriography Cardiac Arteriography/Pulmonary
16 20 18	10 11 13		Lymphography Interventional Sialography
16/20 18		17 18 20	Easter Lymphography/Interventional Radiology Sialography