



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.

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:

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

Course Description

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

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 | <u>100%</u> | |

Course Outcomes and Sub-Outcomes

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
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Course Outline Part B
MRAD 3309
Special Procedures

Effective Date

January, 1996

Instructor(s)

Gisela Paches

Office No.: SW3-4084
Office Hrs.: As posted

Phone: 5750

Text(s) and Equipment

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 Notes (Policies and Procedures)

Assignment Details



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health

Program: Medical Radiography

Option:

Schedule

MRAD 3309

Special Procedures

| A/C | | B/D | | Topic | Module |
|------|----|------|----|--|--------|
| Jan. | 8 | Jan. | 22 | ERCP/PTC | 16 |
| | 9 | | 23 | PTC/Myelography | 16/1 |
| | 11 | | 25 | Myelography | 1 |
| | 15 | | 29 | Arthrography | 2 |
| | 16 | | 30 | Arthrography/Venography | 2/13 |
| | 18 | Feb. | 1 | Hysterosalpingography | 4 |
| Feb. | 5 | | 19 | QUIZ #2 | 5 |
| | 6 | | 20 | Mammography | |
| | 8 | | 22 | Computed Tomography | 3 |
| | 12 | | 26 | Computed Tomography | 3 |
| | 13 | | 27 | Angiography Principles | 6 |
| | 15 | | 29 | Angiographic Principles/DSA | 6 |
| Mar. | 4 | Mar. | 25 | QUIZ #2 | |
| Apr. | 5 | | 26 | Abdominal and Peripheral Arteriography | 7/8 |
| | 7 | | 28 | Cerebral and Thoracic Arteriography | 9/10 |
| | 18 | Apr. | 1 | Cardiac Arteriography/Pulmonary | 11/12 |
| | 19 | | 2 | Lymphography | 15 |
| | 21 | | 4 | Interventional | 19 |
| Apr. | 9 | | 15 | Sialography | 17 |
| | 11 | | 16 | Review | |
| | | | 18 | | |