



Course Outline

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Option:

MRAD 2204

Radiographic Anatomy and Physiology

Start Date: September, 2000

End Date: December, 2000

Course Credits: 2

Term/Level: 2

Total Hours: 32

Total Weeks: 15

Hours/Week: 4

Lecture: 2

Lab: 2

Shop:

Seminar:

Other:

Prerequisites

Course No. Course Name

BHSC 1113 Basic Anatomy and Physiology

MRAD 1104 Radiographic Anatomy and Physiology

MRAD 2204 is a Prerequisite for:

Course No. Course Name

MRAD 3304 Radiographic Anatomy and Physiology

Course Calendar Description

During Level 2 of this course the lecture and laboratory material will cover organs in the human body and structures of the cranium. Emphasis will be placed on location, external landmarks and radiographic identification and application. Identification of organs with contrast/no contrast and cross-sectional anatomy will also be stressed.

Course Goals

1. describe structure, function and relative positions of organs in the body and structures of the cranium.
2. locate internal structure using surface landmarks.
3. relate changes in organ position to changes in body position.
4. recognize and relate variations in organ locations based on bodily habitus.
5. identify on radiographs body organs including both contrast and noncontrast procedures.
6. identify major structures displayed on sectional images.

Evaluation

Weekly Quiz		20%	The pass mark for all subjects in the Medical Radiography program is 60%.
Midterm:	Lecture/Lab	40%	
Final:	Lecture/Lab	40%	
TOTAL		100%	

Course Learning Outcomes/Competencies

Course Content Verification

I verify that the content of this course outline is current, accurate, and complies with BCIT Policy.

M. Filippelli
Program Head/Chief Instructor

August 31, 2000
Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.



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Instructor(s)

Mary Filippelli

Office No.: 4086

Office Hrs.: Open

Office Phone: 6918

E-mail Address:

Learning Resources

Required:

Principles of Anatomy and Physiology, Tortora and Anagnostakos

Radiographic Anatomy and Physiology, (manual)

CAMRT Curriculum Guide for Radiography Programs

Recommended:

(As listed for CAMRT exam validation)

Basic Physiology and Anatomy, Chaffee and Lytle

Atlas of Human Cross Sectional Anatomy, Cahill and Orland

The Anatomy Coloring Book, Kapit and Elson

BCIT Policy Information for Students

Assignment Details



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Schedule

School of «Health Sciences»

Program: «Medical Radiography»

Option: «Option»

MRAD 2204

«Radiographic Anatomy and Physiology»

	Sets	WEEK OF	Lecture	Laboratory
1	All	Sept 4	Trachea, Pharynx/Larynx G. I. System	Trachea, Pharynx/Larynx
2	All	Sept 11	G. I. System G. I. System	G.I. System
3	All	Sept 18	Urinary System Biliary System (Spleen, Liver, Pancreas)	Urinary System
4	All	Sept 25	Biliary System (Spleen, Liver, Pancreas) Reproductive System	Biliary System, (Spleen, Liver, Pancreas) Reproductive System
5	All	Oct 2	Introduction to Skull	Midterm (Combined Lecture/Lab)
6	A/C	Oct 9	Skull	Skull
7	B/D	Oct 16	Skull	Skull
8	A/C	Oct 23	Skull	Skull
9	A/C	Oct 30	Skull	Skull
10	B/D	Nov 6	Skull	Skull
11	B/D	Nov 13	Skull	Skull
12	A/C	Nov 20	Skull	Skull
13	B/D	Nov 27	Skull	Skull
14	All	Dec 4	FINAL EXAM WEEK	