



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline Part A

School of Health Sciences

Program: Medical Laboratory Technology

Option:

**MRAD 2204 Radiographic Anatomy  
and Physiology**

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Hours/Week:	4	Total Hours:	32	Term/Level:	2
Lecture:	2	Total Weeks:	15	Credits:	2
Lab:	2				
Other:					

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**Prerequisites**

**MRAD 2204 is a Prerequisite for:**

Course No.: BHSC 1113 and MRAD 1104  
Course Name: Basic Anatomy and Physiology and  
Radiographic Anatomy and  
Physiology

Course No.: MRAD 3304  
Course Name: Radiographic Anatomy and  
Physiology

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**Course Record**

Developed by:	<u>Ann McMillen MRAD</u>	Date:	<u>September, 1995</u>
	Instructor Name and Department		
Revised by:	<u></u>	Date:	<u></u>
	Instructor Name and Department		
Approved by:	<u>Ann McMillen</u>	Start Date:	<u>September, 1995</u>
	Associate Dean / Program Head		

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**Course Description**

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

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## Course Goals

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

1. describe structure, function and relative positions of all the organs in the body.
2. locate all the organs 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. trace the route of contrast media absorption for all radiographic procedures.
6. identify on radiographs all of the body organs including both contrast and noncontrast procedures.

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## Evaluation

Final Examination	50%	The pass mark for all subjects in the Medical Radiography program is 60%.
Mid-Term	25%	
Mid-Term Lab	10%	
Final Lab	15%	
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TOTAL	100%	

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## Course Outcomes and Sub-Outcomes



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School of Health Sciences

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Course Outline **Part B**

**MRAD 2204 Radiographic Anatomy  
and Physiology**

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**Effective Date**

June, 1995

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**Instructor(s)**

Ms. Ann McMillen

Office No.: 4077

Phone: 8743

Office Hrs.: Open

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**Text(s) and Equipment**

**Required:**

Principles of Anatomy and Physiology, Tortora and Anagnostakos

Radiographic Anatomy and Physiology, A. McMillen, 1993

CAMRT Curriculum Guide for Radiography Programs

The Anatomy Coloring Book, Kapit and Elson

**Recommended:**

(As listed for CAMRT exam validation)

Basic Physiology and Anatomy, Chaffee and Lytle

Atlas of Human Cross Sectional Anatomy, Cahill and Orland

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**Course Notes (Policies and Procedures)**

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**Assignment Details**

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BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

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Option:

Schedule

**MRAD 2204 Radiographic Anatomy and Physiology**

Week	Sets	Date	Lecture	Lab
2	All	Sept. 19 Sept. 13	Urinary System Urinary System	Urinary System
3	All	Sept. 16 Sept. 20	G.I. System G.I. System	G.I. System
4	All	Sept. 23 Sept. 27	Biliary System Spleen/Liver/Pancreas	Biliary/Spleen/Liver Diseases
5	All	Sept. 30 Oct. 4	Lymphatic and Cardiovascular Systems	Lymphatic & Cardiovascular
6	All	Oct. 7 Oct. 11	Thanksgiving Reproductive System	Reproductive
7	A/C	Oct. 14	<b>MID-TERM</b>	<b>MID-TERM</b>
8	A/C	Oct. 21	Review	Review
9	B/D	Oct. 28	<b>MID-TERM</b>	<b>MID-TERM</b>
10	B/D	Nov. 4	Review	Review
11	A/C	Nov. 11	Remembrance Day	Nervous System
12	A/C	Nov. 18	Nervous System (to be done previously)	<b>FINAL EXAM</b>
13	B/D	Nov. 25	Nervous System	Nervous System
14	B/D	Dec. 2	Review	<b>FINAL EXAM</b>
15	All	Dec. 9	<b>FINAL EXAM WEEK</b>	<b>FINAL EXAM WEEK</b>