



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Health Sciences

Program: Medical Radiography

Course Outline *Part A*

NURS 1180
PATIENT CARE I

Hours/Week:	2	Total Hours:	34	Term/Level:	Level 1
Lecture:	Varies	Total Weeks:	17	Credits:	2
Lab:	Varies				

Other: This course is offered through the Nursing department.

Prerequisites	None
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Course Goals

To provide the student with knowledge and skills required to provide patient care in the Radiology department.

Course Description

This two part Patient Care course introduces the student to the hospital environment, health problems of the patient, and the basic safety and comfort aspects to be considered when working with patients, carrying out a variety of procedures, and working with equipment in the patient's environment. The nursing lab is used to practise basic technical skills and procedures required when working with patients. Emphasis is placed upon behaviours and skills appropriate to the medical radiography technologist. This course is a required prerequisite for NURS 2180 Patient Care 2.

Evaluation

Midterm Exam	50%	Comments:
Final Exam	50%	To successfully pass this course the student must :
		1. Achieve a mark of 60% or better.
		2. Successfully complete the Student Progress Sheet.
		3. Complete all assignments.

TOTAL	100%
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Course Outcomes and Sub-Outcomes

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

1. Explain the interrelationships between the medical radiography technologist and other members of the health care team.
2. Assess patients and collect relevant patient information prior to performing diagnostic procedures.
3. Explain the required interventions when working with:
 - a. patients experiencing pain, drowsiness, nausea, vomiting, vertigo and syncope.
 - b. patients who have a physical disability related to a cerebral vascular accident, arthritis, a hearing impairment, or impaired vision.
 - c. patients who are unconscious.
 - d. patients who have pressure sores.
 - e. a hospitalized patient who experiences a cardiac arrest.
 - f. a patient who is in shock; is hemorrhaging; and/or who experiences a myocardial infarction, a seizure, or a diabetic reaction.
4. Use Standard (Routine) Precautions (BSP, medical asepsis) appropriately.
5. Maintain safety and comfort for the patient, colleagues and self when:
 - a. using stretchers and wheelchairs
 - b. moving, positioning, lifting and transferring
 - c. assisting patients with elimination needs
 - d. assisting patients with dressing and undressing
 - e. working with patients who have tubes inserted and/or are attached to specialized equipment
6. Use surgical (sterile) asepsis when performing the following procedures:
 - a. drawing up solutions from ampules and vials
 - b. discontinuing an intravenous
 - c. setting up a sterile field
7. Describe the emotional climate in critical care areas and the skills required to be able to function in that environment.

Course Record

This course outline is current, accurate, and complies with BCIT policy #5013 on course outlines.

Developed by: EM Fraser NURSING Date: Dec/98
Instructor Name and Department (signature)

Revised by: _____ Date: _____
Instructor Name and Department (signature)

Approved by: Chris Henderson Start Date: Jan/99
Program Head/Chief Instructor (signature)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Course Outline **Part B**

NURS 1180
Patient Care I

Effective Date

January 2000

Instructor(s)

Elaine Fraser

Office No.: SE12 418

Office Hrs.: Posted at desk

Phone: **432-8468**

E-mail: **efraser@bcit.ca**

Text(s) and Equipment

Required:

Selected required readings from the following texts:

Kozier, B., Erb, G., Blais, K., & Wilkinson, J. (1998). *Fundamentals of nursing, (updated 5th ed.)*. Menlo Park, CA: Addison Wesley Longman.

Potter, P., and Perry, A. (1997). *Canadian fundamentals of nursing*. St. Louis: Mosby.

Packets containing the required text readings are available on reserve in the library under the following:

Call number	B – 364	(2 day loan)
Title	Patient Care Readings (for readings from the Kozier text)	
Instructor	Elaine Fraser	

Call number	B – 1022	(2 day loan)
Title	Additional Patient Care Readings (for readings from the Potter text)	
Instructor	Elaine Fraser	

Course Notes (Policies and Procedures)

This course consists of lectures, modules, discussions, demonstrations and laboratory practice. It is designed to enable the student to understand, describe and implement specific patient care skills in order to care effectively for patients undergoing diagnostic tests in the Radiography department.

The student must complete all assigned readings and modules prior to the designated class time and is expected to come to class prepared to discuss and participate. Assignments are designed to assist the student to integrate patient care skills in the Radiography department. Students are expected to come to class prepared to discuss and practice the designated skill and to demonstrate their ability to perform the skill to an instructor.

Please note that unforeseeable circumstances may necessitate the alteration of course content, sequencing, timing, and/or evaluation. Should alterations be required, as much as is possible, students will be given adequate notice of any such changes.



Week of/Number	Outcome/Material Covered
	NOTE: Modules contain all the required readings. For all other topics, refer to the objectives and packets for readings you must complete.
January 3	<ol style="list-style-type: none">1. Introduction to Course<ul style="list-style-type: none">• Use of modules, outcomes and textbook2. Orientation to use of Lab<ul style="list-style-type: none">• Hospital bed unit• Use of wheelchairs and stretchers• Restraints and bed rails• Student's responsibilities in lab• Prevention of accidents in the lab3. Receive handout on Moving Patients
January 10	<ol style="list-style-type: none">1. Body Mechanics2. Positioning and Moving Patients3. LAB: Positioning and Moving Patients
January 17	<ol style="list-style-type: none">1. LAB: Positioning and Moving Patients (continued)2. Transfers and Lifts3. LAB: Transfers and Lifts
January 24	<ol style="list-style-type: none">1. LAB: Transfers and Lifts (continued)
January 31	<ol style="list-style-type: none">1. Medical Asepsis2. LAB: Handwashing3. The Health Care Team

Week of/Number	Outcome/Material Covered
February 7	<ol style="list-style-type: none"> 1. Surgical Asepsis 2. LAB: <ul style="list-style-type: none"> • Sterile Procedures <ul style="list-style-type: none"> • Open Gloving • Opening Sterile packages • Setting up sterile trays 3. Practice Exam
February 14	<ol style="list-style-type: none"> 1. Meeting Elimination Needs 2. Dressing and Undressing Patients 3. LAB: <ul style="list-style-type: none"> • Bedpans and Urinals • Use of Attends, Benefits, Depends • Dressing and Undressing Patients (with IVs and injuries)
February 21	MIDTERM EXAM
February 28	<ol style="list-style-type: none"> 1. Pain and Abnormal Sensations 2. MODULE: Patients with Physical Disabilities 3. Exam Review
March 6	<ol style="list-style-type: none"> 1. Parenteral Equipment 2. LAB: Withdrawing Solutions from Vials and Ampules 3. LAB: Discontinuing an IV
March 13 - 17	SPRING BREAK
March 20 (Diane Belyk)	<ol style="list-style-type: none"> 1. MODULE: Management of Tubes and Special Attachments 2. LAB: Demonstration of Equipment

Week of/Number	Outcome/Material Covered
March 27	1. MODULE: The Unconscious Patient 2. The Critically Ill Patient
April 3	1. Assessment Skills 2. MODULE: Working with Patients Who Have Pressure Sores
April 10	1. MODULE: Cardiac Arrest in the Hospital 2. MODULE: Medical Emergencies 3. Course Evaluation and Instructor Evaluation 4. Completion of Progress Sheets
April 17 – 21	EXAM WEEK