



MAR 13 2003

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part A**

Health Sciences

Program: Medical Radiography

NURS 1180
PATIENT CARE I

Hours/Week:	2	Total Hours:	30	Term/Level:	Level 1
Lecture:	Varies	Total Weeks:	15	Credits:	2
Lab:	Varies				
Other: This course is offered through the Nursing department.					

Prerequisites **None**

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 practice 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

		Comments:
Midterm Exam #1	25%	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 in-class assignments.
Midterm Exam #2	25%	
Final Exam	50%	
TOTAL	100%	

Course Outcomes and Sub-Outcomes

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

1. Communicate significant data to other health care personnel.
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 have pressure sores.
 - d. a hospitalized patient who experiences a cardiac arrest.
 - e. a patient who is in shock; is hemorrhaging; and/or who experiences a myocardial infarction, a seizure, or a diabetic reaction.
4. Use Standard Precautions (routine precautions/BSP/medical asepsis) and isolation protocols 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. 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
7. Describe the emotional climate in critical care areas and the skills required to be able to function in that environment.

Course Record

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

Jain Verna
Program Head/Chief Instructor/Coordinator

DECEMBER 18, 2001.
Date

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

The course outline is a statement of educational intent and direction. It is not to be construed as a contract to deliver instruction or guarantee learning. BCIT reserves the right to amend this outline in cases when unforeseen circumstances may necessitate the alteration of course content, sequencing, timing or evaluation. In such cases students will be given as much notice as is possible.

The following BCIT policies apply to this course:

Policy #5013 Course Outline
Policy #5250 Cheating and Plagiarism

Policy #5410 Evaluation of Students
Policy #5201 Attendance



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Medical Radiography

Course Outline **Part B**

NURS 1180
Patient Care I

Effective Date

January 2003

Instructor(s)

Elaine Fraser

Office No.: **SE12 435**

Office Hrs.: **Posted at desk**

Phone: **604-432-8468**

E-mail: **Elaine_Fraser @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 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 the content for the class, to practice the designated skill and to demonstrate their ability to perform the skill to an instructor.



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Schedule

Health Sciences

Program: Medical Radiography

Week of/Number	Outcome/Material Covered
January 7 Tu 9 Th 10 Fr	1. Introduction to Course • Use of outcomes (objectives) and the textbook 2. Orientation to use of Lab • Hospital bed unit • Use of wheelchairs and stretchers • Restraints and bed rails • Student's responsibilities in lab • Prevention of accidents in the lab
January 14 Tu 16 Th 17 Fr	1. Body Mechanics 2. Positioning and Moving Patients 3. Transfers and Lifts
January 21 Tu 23 Th 24 Fr	1. LAB: Positioning and Moving Patients
January 28 Tu 30 Th 31 Fr	1. LAB: Transfers and Lifts
February 4 Tu 6 Th 7 Fr	1. Medical Asepsis and Isolation Precautions 2. Sample Exam Questions 3. LAB: Handwashing
February 11 Tu 13 Th 14 Fr	1. MIDTERM EXAM – 45 minutes 2. Assessment Skills

Week of/Number	Outcome/Material Covered
February 18 Tu 20 Th 21 Fr	1. Exam Review 2. Surgical Asepsis 3. Intravenous Therapy Overview 4. LAB: Discontinuing an IV Changing a gown on a patient with an infusing IV
February 25 Tu 27 Th 28 Fr	1. Parenteral Equipment 2. LAB: Withdrawing Solutions from Vials and Ampoules
March 4 Tu 6 Th 7 Fr	1. MIDTERM EXAM – 45 minutes 2. Patients with Physical Disabilities
March 10 - 14	SPRING BREAK
March 18 Tu	1. Exam Review 2. Cardiac Arrest in the Hospital 3. Medical Emergencies
March 20 Th	1. Exam Review 2. Management of Tubes and Special Attachments 3. Working with Patients Who Have Pressure Sores 4. LAB: Demonstration of Equipment
March 21 Fr	1. Receive Exam Marks 2. Management of Tubes and Special Attachments 3. Working with Patients Who Have Pressure Sores 4. LAB: Demonstration of Equipment

Week of/Number	Outcome/Material Covered
March 25 Tu	1. Management of Tubes and Special Attachments 2. Working with Patients Who Have Pressure Sores 3. LAB: Demonstration of Equipment
March 27 Th 28 Fr	1. Cardiac Arrest in the Hospital 2. Medical Emergencies
April 1 Tu 3 Th	1. Pain and Abnormal Sensations 2. The Patient's Record 3. Incident Reports
April 4 Fr	1. Exam Review 2. Pain and Abnormal Sensations 3. The Patient's Record 4. Incident Reports
April 8 Tu 10 Th 11 Fr	1. Consolidation Lab 2. Course Evaluation and Instructor Evaluation 3. Completion of Progress Sheets
April 14 - 17	EXAM WEEK