



A POLYTECHNIC INSTITUTION

School of Health Sciences

Program: Bachelor of Technology in Radiation Therapy

Option:

NURS 5102
Patient Care

Start Date:	September 2006	End Date:	December 2006
Total Hours:	60	Total Weeks:	15
Hours/Week:	4	Lecture:	Varies
		Term/Level:	5
		Course Credits:	3.5
		Lab:	Varies
		Other:	
Prerequisites		NURS 5102 is a Prerequisite for:	
Course No.	Course Name	Course No.	Course Name
None.		RADT 5501	Clinical Experience 1
		RADT 8103	Care of the Oncology Patient

■ Course Description

The course provides a solid theory base for the delivery of safe patient care in potentially unstable or unpredictable situations. An introduction 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 are provided. Common emergencies, laboratory tests and pharmaceuticals specific to the Radiation Therapy department are included. A variety of patient care skills and procedures are practiced in the context of their use within the Radiation Therapy department.

■ Evaluation

Midterm Examinations (2)	30%
	35%
Final Examination	35%
TOTAL	100%

Comments:

To successfully pass this course, the student must:

1. achieve a final course grade of 60% or better.
2. successfully complete the Student Progress Sheet.
3. complete and submit all assignments.

■ Course Learning Outcomes/Competencies

Upon successful completion, the student will be able to:

1. Assess safety and comfort measures for the patient, colleagues and self when:
 - a. assessing temperature, pulse, respirations, pulse oximetry and blood pressure
 - b. assessing the patient's weight
 - c. moving, positioning, lifting and transferring
 - d. assisting patients to meet their need for elimination
 - e. assisting patients to dress and undress
 - f. maintaining intravenous infusions
 - g. working with patients who have tubes inserted and/or are attached to specialized equipment
 - h. initiating oxygen therapy
 - i. performing suctioning via the oral pharyngeal and tracheostomy routes.
2. Apply Standard (or Routine) Precautions and Transmission Based (Isolation) Precautions to a variety of patient care situations.
3. Adapt the principles of surgical asepsis to the following procedures:
 - a. applying a sterile dressing
 - b. carrying out a surgical scrub.
4. Select the required interventions when working with:
 - a. patients who have a physical and/or mental challenge
 - b. patients experiencing nausea, pain, epistaxis, a cardiac arrest or anaphylactic shock
 - c. a patient who is in shock; is hemorrhaging; is unconscious; and/or who is experiencing a seizure or a diabetic reaction
 - d. patients who have pressure sores
 - f. patients who are unconscious
 - g. individuals who are violent or who have the potential to be violent
 - h. ostomy patients.
5. Explain the uses, mode of action, contraindications, side effects, and patient care implications for pharmaceuticals administered in the Radiation Therapy department.
6. Assess the results of common laboratory tests and the appropriate actions to implement.
7. Assess the legal responsibilities of the Radiation Therapy technologist related to:
 - a. documentation in the patient's record
8. Assess all patient situations when implementing care to ensure the patient's privacy and modesty is protected.

■ Verification

I verify that the content of this course outline is current.


Authoring Instructor

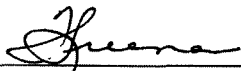
MAY 31/06
Date

I verify that this course outline has been reviewed.


Program Head/Chief Instructor

May 31/06
Date

I verify that this course outline complies with BCIT policy.


Dean/Associate Dean

May 31/06
Date

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

■ Instructor(s)

Kathaleen Appleby

Office Location: SE12-418

Office Phone: 604-451-6949

Office Hrs.: Posted at desk

E-mail Address: Kathaleen_Appleby@bcit.ca

■ Learning Resources

Required:

Selected required readings from the following texts:

Kozier, B., Erb, G., Berman, A., Burke, K., Bouchal, D., & Hirst, S. (2000). *Fundamentals of nursing: The nature of nursing practice in Canada* (Canadian Edition). Toronto: Prentice-Hall.

Kozier, B., Erb, G., Berman, A., & Snyder, S. (2004). *Fundamentals of nursing: Concepts, process, and practice* (7th. Ed.). Upper Saddle River, N J: Pearson Education.

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

Call number	NURS 5102
Title	5102 Patient Care Reading Binder
Instructor	Kathaleen Appleby

■ Information for Students

Assignments: Assignments must be done on an individual basis unless otherwise specified by the instructor. All in-class assignments must be completed and submitted. If the student is absent when an assignment is due, a remedial assignment will be made available for completion and submission.

Makeup Tests, Exams or Quizzes: There will be **no** makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

Ethics: BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course. Incidents of abuse of information technology may result in expulsion from the course.

Attendance: The attendance policy as outlined in the current BCIT Calendar will be monitored.

Attempts: Students must successfully complete a course within a maximum of three attempts at the course. Students with two attempts in a single course will be allowed to repeat the course only upon special written permission from the Associate Dean. Students who have not successfully completed a course within three attempts will not be eligible to graduate from the appropriate program.

■ Information for Students (cont'd.)

Illness: A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

Course Outline Changes: The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

■ Assignment Details

This course utilizes self-contained modules, lectures, group discussions, co-operative learning, demonstration and laboratory practice to present the required course material. This course is designed to enable the student to understand, describe, and implement common and specific patient care skills in order to care effectively for patients in the Radiation Therapy department.

The student is expected to complete all assigned readings prior to the designated class time and to come to class prepared to discuss and participate in a constructive manner.

Assignments are designed to assist the student to integrate patient care skills into the work and routines of the Radiation Therapy department.

Schedule

Week	Date	Course Learning Outcomes
1	Monday September 4	LABOUR DAY — BCIT CLOSED
	Friday September 8	1. Introduction to Course • Outcomes, Use of Materials, Readings 2. Orientation to the Lab • Hospital Bed Unit • Restraints and Bed Rails • Student's Responsibilities in the Lab • Accident Prevention in the Lab 3. Promoting Patient Safety and Comfort
2	Monday September 11	1. Assessment Skills 2. The Patient's Record, including common lab values
	Friday September 15	1. Admitting a Patient
3	Monday September 18	1. The Unconscious Patient 2. The Anaesthetized Patient 3. Body Mechanics
	Friday September 22	1. Positioning and Moving Patients 2. Transferring and Lifting Patients 3. LAB: Positioning and Moving Patients Transferring and Lifting Patients
4	Monday September 25	1. LAB: Positioning and Moving Patients Transferring and Lifting Patients
4	Friday September 29	1. LAB: Positioning and Moving Patients Transferring and Lifting Patients
5	Monday October 2	1. Temperature, Pulse Respirations & Pulse Oximetry 2. Blood Pressure 3. Weight 4. LAB: Temperature, Pulse and Respirations (TPR) Blood Pressure Measurement Pulse Oximetry Monitoring Weight Assessment

Week	Date	Course Learning Outcomes
	Friday October 6	1. LAB: Temperature, Pulse and Respirations (TPR) Blood Pressure Measurement Pulse Oximetry Monitoring Weight Assessment
6	Monday October 9	THANKSGIVING — BCIT CLOSED
	Friday October 13	1. Medical Asepsis and Isolation Precautions 2. LAB: Hand Washing Donning & Removal of Personal Protective Barriers (PPE)
7	Monday October 16	MIDTERM EXAM #1
	Friday October 20	1. Surgical Asepsis 2. LAB: Creating a Sterile Field Opening Sterile Packages Donning Sterile Gloves – Open Gloving Technique
8	Monday October 23	1. Exam Review 2. Entering the Operating Room (OR) 3. Sterile Dressing Changes 4. LAB: Remove and Re-apply a Sterile Dressing
	Friday October 27	1. Entering the Operating Room (cont'd) 2. Scrubbing, Gowning and Gloving for the OR 3. LAB: Surgical Scrub (simulated) Donning a Surgical Gown Donning Sterile Gloves – Closed Gloving Technique
9	Monday October 30	1. Meeting Elimination Needs 2. Assisting Patients to Undress and Redress 3. LAB: Bedpans and Urinals Use of Attends, Benefits, Depends Dressing and Undressing Patients
	Friday November 3	1. The Critically Ill Patient 2. Ostomy Care 3. LAB: Ostomy Care

Week	Date	Course Learning Outcomes
10	Monday November 6	1. Management of Tubes and Special Attachments 2. Working with Patients who have Pressure Sores 3. LAB: Demonstration of Equipment
	Friday November 10	1. Patients with Physical Challenges Disabilities 2. Pain and Abnormal Sensations
11	Monday November 13	REMEMBRANCE DAY– BCIT CLOSED
	Friday November 17	MIDTERM EXAM #2
12	Monday November 20	1. Respiratory Distress, Oxygen Therapy and Carbogen 2. Suctioning: Pharyngeal and Tracheostomy Routes 3. LAB: Suctioning Use of Oxygen Equipment Inserting Oral Airways
	Friday November 24	1. Exam Review 2. Working with the Violent Individual 3. Pharmaceuticals Used in the Radiation Therapy Department and contrast reactions
13	Monday November 27	1. Intravenous Therapy 2. LAB: IV Lab
	Friday December 1	1. LAB: IV Lab continued 2. Medical Emergencies 3. Cardiac Arrest in the Hospital
14	Monday December 4	1. Cardiac Arrest in the Hospital continued 2. LAB: Patient Scenarios
	Friday December 8	1. Completion of Student Progress Sheet 2. Make-up Class (if required) 3. Course Evaluation 4. Instructor Evaluation
15	December 11-15	EXAM WEEK