BCIT®

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School of Health Sciences
Program: Advanced Diploma in Radiation Therapy

Course Outline

NURS 5102
Patient Care

Start Date: January, 2004 **End Date:**

Total Hours: 51 **Total Weeks:** 17 **Term:** 1 **Level:** 5 **Course Credits:** 3.5

Hours/Week: 3 **Lecture:** Varies **Lab:** Varies **Shop:** **Seminar:** **Other:**

Prerequisites

Course No.	Course Name
None	

NURS 5102 is a Prerequisite for:

Course No.	Course Name
RADT 5500	Clinical Orientation

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 included along with content on legal and ethical issues in health care. Common emergencies, laboratory tests and pharmaceuticals specific to the Radiation Therapy department are included as well as an overview of Pediatric growth and development. A variety of patient care skills and procedures are practiced in the context of their use within the Radiation Therapy department and are reinforced using a variety of teaching and learning techniques.

Detailed Course Description

The student will be able to:

- interpret the significance of a variety of patient behaviours in predictable and unpredictable patient care situations.
- apply critical thinking skills when selecting appropriate interventions to implement in selected patient care situations that arise with the Radiation Therapy department.
- evaluate the effectiveness of patient care measures selected for variety of situations.

Evaluation

Participation	10%
Mid Term Exams (2)	60%
Final Exam	30%
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 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 tracheotomy 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 appropriate safety and comfort measures for the patient, family members, colleagues and self in a variety of pediatric radiation therapy situations.
5. 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 are dying.
   e. 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.
6. outline the role(s) health professionals fulfill within the provincial and national health care systems.
7. explain the uses, mode of action, contraindications, side effects, and patient care implications for pharmaceuticals administered in the Radiation Therapy department.
8. assess the results of common laboratory tests and the appropriate actions to implement.
9. evaluate the ethical responsibilities of the radiation therapy technologist in a variety of patient care situations.
10. assess the legal responsibilities of the radiation therapy technologist related to:
    a. documentation in the patient's record.
    b. informed consent.
    c. incident reports.
    d. patient's rights.
    e. permission to touch.
11. 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.

Lisa Seabrooke — Authoring Instructor
December 16. 03 — Date

I verify that this course outline has been reviewed.

J. Clarke Lee — Program Head/Chief Instructor
December 16, 2003 — Date

I verify that this course outline complies with BCIT policy.

Freeman — Dean/Associate Dean
DEC 16 2003 — Date

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

■ Instructor(s)

Lisa Seaberly | Office Location: SE12-418 | Office Phone: 604-456-8071
Office Hrs.: Posted at desk | E-mail Address: Lisa_Seaberly@bcit.ca

■ Learning Resources

Selected required readings 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:	NURS 5102 (2-day loan)
Title:	Patient Care Readings (for readings from the Kozier text)
Instructor:	Lisa Seaberly

Call number:	NURS 5102 (2-day loan)
Title:	Additional Patient Care Readings (for readings from the Potter text)
Instructor:	Lisa Seaberly

Optional Text:

Torres, L.S. (2003). *Basic medical techniques and patient care in imaging technology* (6th ed.). Baltimore: J.B. Lippincott.

■ Information for Students

(*Information below can be adapted and supplemented as necessary.*)

Assignments: Late assignments, lab reports or projects will **not** be accepted for marking. Assignments must be done on an individual basis unless otherwise specified by the instructor.

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.

Attendance: The attendance policy as outlined in the current BCIT Calendar will be enforced. Attendance will be taken at the beginning of each session. Students not present at that time will be recorded as absent.

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.

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.

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 consists of lectures, modules, demonstrations, group discussion 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 tests or treatments in the Radiation Therapy department.

Assignments are designed to assist the student to integrate patient care skills in the Radiation Therapy Department. The student must complete all assigned readings and modules prior to the designated class time. 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.

Schedule

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.
Jan. 12, 2004 (Room 416)	1. Introduction to Course • Outcomes, use of materials, readings 2. Orientation to use the lab • Hospital bed unit • Wheelchairs and stretchers • Restraints and bed rails • Student's responsibilities in lab • Prevention of accidents in the lab 3. The Health Care Team 4. Ethical and legal responsibilities
Jan. 19, 2004 (Room 416)	1. Body Mechanics 2. Positioning and Moving Patients 3. Lab • Fire carries • Positioning and moving patients
Jan. 26, 2004 (Room 416)	1. Transfers and Lifts 2. Lab • Transfers and lifts 3. Medical Asepsis 4. Surgical Asepsis 5. Isolation Precautions 6. Lab • Handwashing
February 2, 2004 (Room 416)	1. Assessment skills 2. Common Laboratory Values 3. The Patient's Chart 4. Informed Consent 5. Incident Report 6. Patient's Rights/Permission to Touch

Week of/ Number	Outcome/Material Covered
February 9, 2004 (Room 416)	1. Temperature, Pulse, Respiration 2. Blood Pressure, Oximetry 3. Lab • Temperature, pulse, respiration, blood pressure measurement, oximetry monitoring 4. Admitting a Patient 5. Working with Patients who have Pressure Sores 6. Promoting Patient Comfort and Rest
Feb. 16, 2004	**STUDENTS IN PRACTICUM**
Feb. 23, 2004	**STUDENTS IN PRACTICUM**
March 1, 2004 (Room 416)	1. Operating Room Panel 2. Lab • Sterile procedures • Opening gloves • Opening sterile packages • Setting up sterile trays
Mar. 8, 2004 (Room 416)	**1. MID TERM EXAM #1 (0830–0930)** 2. Meeting Elimination Needs 3. Lab • Bedpans and urinals • Use of attends, benefits, depends
March 15–20	**SPRING BREAK**
March 22, 2004 (Room 416)	1. Pain and Abnormal Sensations 2. Management of Tubes and Special Attachments 3. Exam Review
March 29, 2004 (Room 416)	1. The Critically Ill Patient 2. The Unconscious Patient 3. The Anesthetized Patient 4. Dressing and Undressing Patients 5. Lab • Dressing and undressing patients • Moving and positioning the unconscious and anaesthetized patients
April 5, 2004 (Room 416)	1. Patient with Physical Disabilities 2. Respiratory Distress 3. Respiratory Distress and Oxygen Therapy 4. Pharyngeal Suctioning 5. Lab • Use of oxygen equipment

Week of/ Number	Outcome/Material Covered
April 12, 2004	**EASTER MONDAY**
April 19, 2004 (Room 416)	1. Intravenous Therapy 2. Use of IV Equipment 3. Lab • Use of IV Equipment 4. Contrast Media
April 26, 2004 (Room 416)	1. **MIDTERM EXAM #2 (0830–0930)** 2. Working with the Violent Individual
May 3, 2004 (Room 416)	1. Dressing Changes 2. Lab • Dressing Changes 3. Ostomy Care 4. Patient Teaching 5. Nutrition 6. Exam Review
May 10, 2004 (Room 416)	1. Medical Emergencies 2. Lab • Medical Emergencies 3. Cardiac Arrest 4. Cardiac Arrest Drugs 5. Lab • Cardiac arrest
May 17, 2004 (Room 416)	1. Completion of Student Progress Sheets 2. Course Evaluation 3. Instructor Evaluation
May 24, 2004	**VICTORIA DAY**
May ____, 2004 (TBA) (Room 416) 1330 – 1530	**FINAL EXAM**