BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline ***Part A***

Health Sciences
Program: Nuclear Medicine

NURS 1181
PATIENT CARE

Hours/Week:	**3**	**Total Hours:**	**60**	**Term/Level:**	2A / 2B
Lecture:	**Varies**	**Total Weeks:**	**20**	**Credits:**	4
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 Nuclear Medicine departments.

Course Description

Assists the student to understand the hospital environment and the health problems of the patient. Emphasis will be placed upon observation and communication appropriate to the nuclear medicine technologist. The nursing lab will be used to practice basic technical skills and procedures required in emergency situations.

Evaluation

Midterm Exam #1	
Midterm Exam #2	25%
Final Exam	25%
	50%
TOTAL	100%

Comments:

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.

Course Outcomes and Sub-Outcomes

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

1. Assess a patient.

2. Explain the required interventions when working with individuals who are violent or have the potential to be violent.

3. Describe the contribution technologists make as members of the health care team.

4. Identify patient care components in practicum situations.

5. With supervision, perform skills in a manner which ensures safety and promotes comfort:

    a. moving, positioning and transferring
    b. medical asepsis (BSP, Standard, Routine precautions) and surgical asepsis
    c. personal hygiene and elimination needs
    d. comfort measures
    e. dressing and undressing patients
    f. fire carries
    g. managing tubes and special equipment
    h. handling wheelchairs and stretchers
    i. intramuscular injections
    j. measure and record temperature, pulse and respirations
    k. measure and record blood pressures
    l. pharyngeal suctioning
    m. oxygen administration
    n. maintaining I.V. therapy
    o. isolation precautions

6. Employ proper body mechanics.

7. Communicate significant data to other health care personnel.

8. Assess patients during medical emergencies and identify the needed interventions.

9. Recognize the physical needs of patients with disabilities.

10. Identify unsafe conditions and fire hazards in hospitals.

11. Describe the needs of the unconscious patient.

12. Describe and assess the needs of the patient in pain and/or experiencing abnormal sensations.

13. Identify equipment and measures used to prevent pressure sores.

14. Discuss the procedure for admitting a patient to the Nuclear Medicine department.

Course Outcomes and Sub-Outcomes (continued)

15. Understand the emotional climate in critical care areas and the skills needed to be able to function in this environment.

16. Describe the functions of persons attending a cardiac arrest.

Course Record

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

Jain Verner
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

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.bc.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, 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 Nuclear Medicine department.

Assignments are designed to assist the student to integrate patient care skills in the Nuclear Medicine 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/or to practice the designated skill and to demonstrate their ability to perform the skill to an instructor.

Date	Outcome/Material Covered
Mon. January 6	1. Introduction to Course • Outcomes, use of materials, readings 2. Orientation to use of Lab • Hospital bed unit • Wheelchairs and stretchers • Restraints and bed rails • Student's responsibilities in lab • Prevention of accidents in the lab 3. Promoting Patient Comfort and Rest
Wed. January 8 (in the Nuc Med classroom)	1. The Health Care Team
Mon. January 13 (412)	1. Patient with Physical Disabilities 2. Pain and Abnormal Sensations
Wed. January 15	1. Assessment Skills
Mon. January 20 (412)	1. Admitting a Patient
Wed. January 22	1. Body Mechanics
Mon. January 27	1. Body Mechanics (continued) 2. Promoting Fire Safety and Accident Prevention 3. LAB: Fire Carries

Date	Outcome/Material Covered
Wed. January 29	1. Medical Asepsis 2. Isolation Precautions 3. Surgical Asepsis
Mon. February 3	1. Medical Asepsis, Isolation Precautions & Surgical Asepsis (continued) 2. LAB: Sterile Procedures • Open gloving • Opening sterile packages • Setting up sterile trays
Wed. February 5	1. The Critically Ill Patient 2. LAB: Handwashing
Mon. February 10	1. Meeting Elimination Needs 2. Dressing and Undressing Patients 3. LAB: • Bedpans and Urinals • Use of Attends, Benefits, Depends • Dressing and Undressing Patients
Wed. February 12	1. Sample Exam Questions 2. Temperature, Pulse and Respirations
Mon. February 17	**MID TERM EXAM #1**
Wed. February 19	1. Blood Pressure

Date	Outcome/Material Covered
Mon. February 24	1. Exam Review 2. LAB: T, P, R Measurement 3. LAB: BP Measurement
Wed. February 26	1. Intramuscular Injections
Mon. March 3	1. LAB: Manipulating syringes and needles; withdrawing solutions 2. LAB: Giving Intramuscular Injections • Deltoid
Wed. March 5	1. The Patient's Chart
March 10 - 14	**SPRING BREAK**
Mon. March 17	1. Management of Tubes and Special Attachments 2. Working with Patients who have Pressure Sores
Wed. March 19	1. Incident Reports
Mon. March 24 (412)	**MID TERM EXAM #2**
Wed. March 26	1. Cardiac Arrest in the Hospital
Mon. March 31	1. Medical Emergencies 2. Intravenous Therapy

Date	Outcome/Material Covered
Wed. April 2	1. Exam Review 2. Intravenous Therapy (continued)
Mon. April 7	1. LAB: Use of I.V. Equipment
Wed. April 9	1. Intravenous Therapy (continued)
Mon. April 14	1. LAB: Use of I.V. Equipment (continued)
Wed. April 16	1. Positioning and Moving Patients 2. Transfers and Lifts
Mon. April 21	1. **EASTER MONDAY**
Wed. April 23	1. Positioning and Moving Patients (continued) 2. Transfers and Lifts (continued)
Mon. April 28	1. LAB: Positioning and Moving Patients
Wed. April 30	**FACULTY PD DAY**
Mon. May 5	1. LAB: Transfers and Lifts
Wed. May 7	1. Working with the Violent Individual

Date	Outcome/Material Covered
Mon. May 12	1. Respiratory Distress and Oxygen Therapy 2. Pharyngeal Suctioning 3. The Unconscious Patient 4. LAB: Use of Oxygen Equipment
Wed. May 14	1. Completion of Student Progress Sheets 2. Course and Instructor Evaluations
May 20 – 23	**EXAM WEEK**