

MAR 12 1998



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline Part A

School of 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:					

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

Isolation Assignment	5%
Suctioning Assignment	5%
Midterm Exam #1	30%
Midterm Exam #2	30%
Final Exam	30%
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 assignments.

Course Outcomes and Sub-Outcomes

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

1. Assess a patient.
2. Describe the relationship between needs, health and illness.
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 and surgical asepsis (including BSP and Standard precautions)
 - 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. measuring temperature, pulse and respirations
 - k. taking blood pressures
 - l. pharyngeal suctioning
 - m. oxygen administration
 - n. maintaining I.V. therapy
 - o. isolation precautions
6. Demonstrate basic principles of 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.

Course Outcomes and Sub-Outcomes (continued)

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

Developed by:

DM Fraser NURSING
Instructor Name and Department (signature)

Date:

Dec 22/97

Revised by:

Instructor Name and Department (signature)

Date:

Approved by:

M. Bennett Ratson
Associate Dean / Program Head (signature)

Start Date:

Jan 5/98



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Health Sciences

Program: Nuclear Medicine

Course Outline **Part B**

NURS 1181
Patient Care

Effective Date

January 1998

Instructor(s)

Elaine Fraser

Office No.: SE12 418

Office Hrs.: Posted at desk

Phone: **432-8468**

E-mail: efraser@bcit.bc.ca

Text(s) and Equipment

Required:

Kozier, B., and Erb, G., and Olivieri, R. (1991). Fundamentals of nursing: Concepts, process and practice. (4th ed.). Redwood City, California: Addison-Wesley.

Packets containing some of the readings and textbooks are available on reserve in the library and for overnight loan,

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 practice the designated skill and to demonstrate their ability to perform the skill to an instructor.



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Schedule

School of Health

Program: Nuclear Medicine

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.
Mon. January 5	1. Introduction to Course <ul style="list-style-type: none"> • Outcomes, use of materials, readings
Fri. January 9	1. Introduction to Course (continued) 2. Orientation to use of Lab <ul style="list-style-type: none"> • Hospital bed unit • Wheelchairs and stretchers • Restraints and bed rails • Student's responsibilities in lab • Prevention of accidents in the lab 3. The Concept of Health 4. Promoting Comfort and Rest
Mon. January 12	1. Body Mechanics
Fri. January 16	1. Promoting Fire Safety and Accident Prevention 2. LAB: Fire Carries
Mon. January 19	1. Assessment Skills
Fri. January 23	1. Admitting a Patient 2. The Patient's Chart

Week of/Number	Outcome/Material Covered
Mon. January 26	1. The Health Care Team
Fri. January 30	1. Blood Pressure 2. LAB: BP Measurement
Mon. February 2	1. Medical Asepsis 2. Isolation Precautions
Fri. February 6	1. Surgical Asepsis 2. Introduction of Isolation Assignment 3. LAB: Handwashing 4. LAB: <ul style="list-style-type: none"> • Sterile Procedures <ul style="list-style-type: none"> • Open gloving • Opening sterile packages • Setting up sterile trays 5. MODULE: The Unconscious Patient
Mon. February 9	1. MODULE: Patient with Physical Disabilities
Fri. February 13	1. Isolation Assignment
Mon. February 16	1. MODULE: Medical Emergencies 2. Practice Exam
Fri. February 20	MIDTERM EXAM #1
Mon. February 23	1. MODULE: Cardiac Arrest in the Hospital

Week of/Number	Outcome/Material Covered
Fri. February 27	<ol style="list-style-type: none"> 1. Temperature, Pulse and Respirations 2. LAB: T, P, R Measurement 3. Exam Review
Mon. March 2	<ol style="list-style-type: none"> 1. MODULE: Working with Patients who have Pressure Sores
Fri. March 6	<ol style="list-style-type: none"> 1. Respiratory Distress and Oxygen Therapy 2. Pharyngeal Suctioning 3. Introduction to Suctioning Assignment 4. LAB: Use of Oxygen Equipment
March 9 – 13	SPRING BREAK
Mon. March 16	<ol style="list-style-type: none"> 1. Intramuscular Injections
Fri. March 20	<ol style="list-style-type: none"> 1. LAB: Manipulating syringes and needles; withdrawing solutions 2. LAB: Giving Intramuscular Injections <ul style="list-style-type: none"> • Deltoid • Ventrogluteal
Mon. March 23	<ol style="list-style-type: none"> 1. LAB: Suctioning Assignment
Fri. March 27	<ol style="list-style-type: none"> 1. MODULE: Management of Tubes and Special Attachments
Mon. March 30	<ol style="list-style-type: none"> 1. Incident Reports
Fri. April 3	OPEN HOUSE
Mon. April 6	<ol style="list-style-type: none"> 1. The Critically Ill Patient

Week of/Number	Outcome/Material Covered
Fri. April 10	GOOD FRIDAY
Mon. April 13	EASTER MONDAY
Fri. April 17	MID TERM EXAM #2
Mon. April 20	1. Intravenous Therapy
Fri. April 24	1. LAB: Use of I.V. Equipment 2. Exam Review
Mon. April 27	1. Pain and Abnormal Sensations 2. Positioning and Moving Patients
Fri. May 1	1. LAB: Use of I.V. Equipment (continued)
Mon. May 4	1. LAB: Positioning and Moving Patients
Fri. May 8	1. LAB: Positioning and Moving Patients (continued) 2. Meeting Elimination Needs 3. Dressing and Undressing Patients 4. LAB: <ul style="list-style-type: none"> • Bedpans and Urinals • Use of Attends, Benefits, Depends • Dressing and Undressing Patients
Mon. May 11	1. LAB: Elimination and Dressing/Undressing (continued) 2. Course and Instructor Evaluations

Week of/Number	Outcome/Material Covered
Fri. May 15	<ol style="list-style-type: none"> 1. Transfers and Lifts 2. LAB: Transfers and Lifts 3. Completion of Student Progress Sheets
May 18 – 22	EXAM WEEK