BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline ***Part A***

Health Sciences
Program: Biomedical Engineering

NURS 1182
PATIENT CARE

Hours/Week:	**2**	**Total Hours:**	**30**	**Term/Level:**	4A / 4B
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 work safely and effectively in patient care situations.

Course Description

Introduces students to the hospital environment and the basic safety concepts of patient care. It includes observation and communication skills, body mechanics, fire safety and medical and surgical asepsis.

Evaluation

Isolation Assignment	10%
Midterm Exam	45%
Final Exam	45%
TOTAL	100%

Comments:

To successfully pass this course the student must :

1. Achieve a mark of 50% 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. Describe the contribution the Biomedical Engineering technologist makes as a member of the health team.

2. Communicate information to patients and health team members.

3. Describe basic principles of teaching and learning.

4. Discuss the principles of body mechanics.

5. Identify unsafe conditions and fire hazards in hospitals.

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

   a. personal body mechanics
   b. moving and lifting
   c. fire carries
   d. isolation protocols
   e. dressing for the operating room
   f. medical and surgical asepsis (including BSP and Standard Precautions)

7. Understand the emotional climate created in critical care areas and be able to function in this environment.

8. Discuss the legal and ethical responsibilities of the health professional.

9. Discuss the use of common tubes and attachments and appropriate precautions to take in their presence.

10. Recognize the emotional needs of patients with disabilities.

Course Record

This course outline is current, accurate, and complies with BCIT policy #5013 on course outlines.

Developed by: E M Fraser NURSING Date: Dec/98
Instructor Name and Department (signature)

Revised by: _____ Date: _____
Instructor Name and Department (signature)

Approved by: [signature] Start Date: January 1999
Program Head/Chief Instructor (signature)

Effective Date

January 2000

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:

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 is presented for two hours every week over a 15 week period. This course utilizes lectures, self-contained modules, demonstration and laboratory practice to present the required material. It is designed to enable the student to better understand the patient care setting and to function comfortably and safely within this area.

The student is expected to complete all assigned readings prior to the designated class time and is expected 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 and theory into the work and routines of the Biomedical Engineering department.

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.

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.
January 10	1. Introduction to Course • Outcomes, use of materials, readings 2. Orientation to use of the Lab • Hospital bed unit • Student's responsibilities in lab • Prevention of accidents in the lab
January 17	1. Body Mechanics 2. Promoting Fire Safety and Accident Prevention 3. LAB: Body Mechanics and Fire Carries
January 24	1. Medical Asepsis 2. LAB: Handwashing 3. Isolation Protocols 4. Introduction to Isolation Assignment
January 31	1. Surgical Asepsis 2. Entering the Operating Room 3. LAB: Opening Sterile Packages and Donning Sterile Gloves
February 7	1. The Health Care Team 2. MODULE: Patients with Physical Disabilities

Week of/Number	Outcome/Material Covered
February 14	1. Legal Issues in Health Care 2. Legal Issues Assignment 3. Practice Exam
February 21	**1. Isolation Assignment Due**
February 28	1. The Critically Ill Patient 2. Working with the Violent Individual
March 6	**MIDTERM EXAM**
March 13 - 17	**Spring Break**
March 20 (Diane Belyk)	1. MODULE: Management of Tubes and Special Attachments
March 27	1. Communication Skills 2. Exam Review
April 3	1. Principles of Teaching and Learning 2. Teaching and Learning Assignment
April 10	1. Ethical Issues 2. Ethical Issues Assignment 3. Course Evaluation and Instructor Evaluation
April 17	**FINAL EXAM**