A POLYTECHNIC INSTITUTION

Course Outline

School of Health Sciences
Program: Biomedical Engineering
Option:

NURS 1182
Patient Care

Start Date: January, 2003 **End Date:**

Total Hours: 30 **Total Weeks:** 15 **Term/Level:** 4A/4B **Course Credits:** 2
Hours/Week: 2 **Lecture:** Varies **Lab:** Varies **Shop:** **Seminar:** **Other:** *

Prerequisites
Course No. Course Name
None

NURS 1182 is a Prerequisite for:
Course No. Course Name

■ 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.

■ Detailed Course Description

The goal of this course is to provide the student with knowledge and skills required to work safely and effectively in patient care situations.

■ Evaluation

Mid Term Exam	50%
Final Exam	50%
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 in-class assignments.

■ Course Learning Outcomes/Competencies

Upon successful completion, the student will be able to:

1. describe the contribution the Biomedical Engineering technologist makes as a member of the health care team.
2. communicate information to patients and health care 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.

■ Course Learning Outcomes/Competencies (cont'd.)

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. describe the basic physical and emotional needs of patients with disabilities.
11. explain the required interventions when working with individuals who are violent or have the potential to be violent.

■ Verification

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

Authoring Instructor — December 18. 02 — Date

I verify that this course outline has been reviewed.

Program Head/Chief Instructor — Dec 18 02 — Date

I verify that this course outline complies with BCIT policy.

Dean/Associate Dean — DEC 19 2002 — Date

■ 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

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

■ 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.

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

This 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 possible.

The following BCIT policies apply to this course:

Policy #5013 Course Outline
Policy #5201 Attendance
Policy #5250 Cheating and Plagiarism
Policy #5410 Evaluation of Students

■ Assignment Details

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.

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. 6 (Room 412)	1. Introduction to Course • Outcomes, Use of materials, Readings
Jan. 13 (Room 416)	1. Orientation to Use of the Lab • Hospital bed unit • Student's responsibilities in lab • Prevention of accidents in the lab 2. Body Mechanics 3. Promoting Fire Safety and Accident Prevention 4. LAB: Body Mechanics and Fire Carries
Jan. 20 (Room 416)	1. Medical Asepsis 2. LAB: Handwashing 3. Isolation Protocols
Jan. 27 (Room 412)	1. Surgical Asepsis 2. Entering the Operating Room 3. LAB: Opening Sterile Packages and Donning Sterile Gloves
Feb. 3 (Room 412)	1. The Health Care Team 2. Patients with Physical Disabilities
Feb. 10 (Room 412)	1. Legal Issues in Health Care 2. Practice Exam
Feb. 17 (Room 412)	1. The Critically Ill Patient 2. Working with the Violent Individual
Feb. 24 (Room 412)	**MIDTERM EXAM**
Mar. 3 (Room 412)	1. Ethical Issues 2. Ethical Issues in Class Assignment 3. Mid Term Exam Review
Mar. 10–14	**SPRING BREAK**
Mar. 17 (Room 412)	Communication Skills
Mar. 24 (Room 416)	Management of Tubes and Special Attachments

Week of/ Number	Outcome/Material Covered
Mar. 31 (Room 412)	1. Principles of Teaching and Leaming 2. Teaching and Learning In-class Assignment
Apr. 7 (Room 412)	1. Course Evaluation and Instructor Evaluation 2. Make-class – if required 3. Complete Progress Sheets if required
Apr. 14 (Room 412) 1230 – 1430	**FINAL EXAM**