A POLYTECHNIC INSTITUTION

Course Outline

School of Health Sciences
Program: Biomedical Engineering
Option:

NURS 1182
Patient Care

Start Date:	January, 2008					**End Date:**	May, 2008		
Total Hours:	30	**Total Weeks:**	15			**Term/Level:**	4A/4B	**Course Credits:**	2
Hours/Week:	2	**Lecture:**	1.7	**Lab:**	0.3	**Shop:**		**Seminar:**	**Other:**

Prerequisites		**NURS 1182 is a Prerequisite for:**	
Course No.	**Course Name**	**Course No.**	**Course Name**
None		None	

■ 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. 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

Class Participation	15%
Midterm Exam	40%
Final Exam	45%
TOTAL	100%

Comments:
To successfully pass this course the student must:
1. achieve a course mark of 50% or better.
2. 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. Explain the contribution the Biomedical Engineering technologist makes as a member of the health team.
2. Communicate appropriately with patients and health team members.
3. Describe basic principles of teaching and learning.
4. Explain 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. Describe the emotional climate created in critical care areas and be able to function in this environment.

8. Apply the legal and ethical responsibilities of the health professional to a variety of health care situations.

9. Explain the relationship between the ASTTBC Code of Ethics and the role of the Biomedical Engineering technologist.

10. Describe the use of common tubes and attachments and appropriate precautions to take in their presence.

11. Describe the basic physical and emotional needs of patients with disabilities.

12. 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.

Peggy Hyatt — Authoring Instructor
13 Dec. 2007 — Date

I verify that this course outline has been reviewed.

Program Head/Chief Instructor
Dec 13, 07 — Date

I verify that this course outline complies with BCIT policy.

Dean/Associate Dean
Dec 13/07 — Date

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

■ Instructor(s)

Peggy Wyatt

Office Location: SE12–418
Office Hrs.: TBA

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■ Learning Resources

Required:

Selected required readings from the following texts:

Kozier, B., Erb, G., Berman, A., & Snyder, S. (2004). *Fundamentals of nursing: Concepts, process and practice* (7th ed.). Upper Saddle River, NJ: Pearson Education.

Kozier, B., Erb, G., Berman, A., Burke, K., Bouchal, D., & Hirst, S. (2000). *Fundamentals of nursing: The nature of nursing practice in Canada*. Toronto: Prentice-Hall.

Binders containing the required text readings are available on reserve in the library under the following:

Call number	**RES NURS 1182**
Title	NURS 1182 Patient Care Readings
Instructor	Peggy Wyatt

■ Information for Students

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

The following statements are in accordance with the BCIT Student Regulations Policy 5002. To review the full policy, please refer to: http://www.bcit.ca/~presoff/5002.pdf.

Attendance/Illness:
In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible with his/her instructor or Program Head or Chief Instructor, indicating the reason for the absence. Prolonged illness of three or more consecutive days must have a BCIT medical certificate sent to the department. Excessive absence may result in failure or immediate withdrawal from the course or program. A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exams. At the discretion of the instructor, you may complete the work missed or have the work prorated.

Academic Misconduct:
Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances are prohibited and will be handled in accordance with the 'Violations of Standards of Conduct' section of Policy 5002.

Assignments:
Assignments must be done on an individual basis unless otherwise specified by the instructor. All in-class assignments must be completed and submitted. If the student is absent when an assignment is due a remedial assignment will be made available for completion and submission.

■ Information for Students (cont'd)

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. Incidents of abuse of information technology may result in expulsion from the course.

Course Outline Changes:
The material or schedule specified in this course may be changed by the instructor. If changes are required, they will be announced in class.

This course is presented for two hours every week over a 15-week period. This course utilizes self-contained modules, lectures, group discussions, cooperative learning, demonstration, and laboratory practice to present the required course 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.

Schedule

Week of/ Number	Outcome/Material Covered
January 7	1. Introduction to the Course • Outcomes, use of materials, readings 2. Orientation to Use of the Lab • Hospital bed unit • Student's responsibilities in the lab • Prevention of accidents in the lab
January 14	1. Body Mechanics 2. Promoting Fire Safety and Accident Prevention 3. **LAB**: Body Mechanics and Fire Carries
January 21	1. Medical Asepsis 2. Isolation Protocols 3. **LAB**: Handwashing Donning and Removing a Mask, Gown, and Clean Gloves
January 28	1. Surgical Asepsis 2. Entering the Operating Room 3. **LAB**: Opening Sterile Packages and Donning Sterile Gloves
February 4	1. The Health Care Team 2. Patients with Physical Disabilities
February 11	1. Legal Issues in Health Care 2. Sample Exam Questions
February 18	1. The Critically Ill Patient 2. Working with the Violent Individual
February 25	**MIDTERM EXAM**
March 3	1. Ethical Issues 2. Ethical Issues In-class Assignment 3. Midterm Exam Review
March 10–14	**SPRING BREAK**
March 17	1. Management of Tubes and Special Attachments
March 24	**EASTER MONDAY**
March 31	1. Communication Skills
April 7	1. Principles of Teaching and Learning 2. Teaching and Learning In-class Assignment 3. Complete Progress Sheets — if required 4. Course Evaluation and Instructor Evaluation
April 14–18	**FINAL EXAM**