



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

		Comments:
Midterm Exam	50%	To successfully pass this course the student must :
Final Exam	50%	
		<ol style="list-style-type: none"> 1. Achieve a mark of 50% or better. 2. Successfully complete the Student Progress Sheet. 3. Complete all in-class assignments.
TOTAL	100%	

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. 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.

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



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part B**

Health Sciences

Program: Biomedical Engineering

NURS 1182
Patient Care

Effective Date

January 2002

Instructor(s)

Elaine Fraser

Office No.: **SE12-418**

Phone: **604-432-8468**

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desk**

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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.



Week of	Outcome/Material Covered
	<p>NOTE: Modules contain all the required readings. For all other topics, refer to the objectives and packets for readings you must complete.</p>
<p>January 7 (416)</p>	<ol style="list-style-type: none"> 1. Introduction to Course <ul style="list-style-type: none"> • Outcomes, use of materials, readings 2. Orientation to use of the Lab <ul style="list-style-type: none"> • Hospital bed unit • Student's responsibilities in lab • Prevention of accidents in the lab
<p>January 14 (416)</p>	<ol style="list-style-type: none"> 1. Body Mechanics 2. Promoting Fire Safety and Accident Prevention 3. LAB: Body Mechanics and Fire Carries
<p>January 21 (416)</p>	<ol style="list-style-type: none"> 1. Medical Asepsis 2. LAB: Handwashing 3. Isolation Protocols
<p>January 28 (412)</p>	<ol style="list-style-type: none"> 1. Surgical Asepsis 2. Entering the Operating Room 3. LAB: Opening Sterile Packages and Donning Sterile Gloves
<p>February 4 (412)</p>	<ol style="list-style-type: none"> 1. The Health Care Team 2. MODULE: Patients with Physical Disabilities

Week of	Outcome/Material Covered
February 11 (412)	1. Legal Issues in Health Care 2. Practice Exam
February 18 (412)	1. The Critically Ill Patient 2. Working with the Violent Individual
February 25 (412)	MIDTERM EXAM
March 4	1. Exam Review 2. MODULE: Management of Tubes and Special Attachments
March 11 - 15	Spring Break
March 18	1. Communication Skills
March 25	1. Principles of Teaching and Learning 2. Teaching and Learning In-class Assignment
April 1	Easter Monday
April 8	1. Ethical Issues 2. Ethical Issues In-class Assignment 3. Course Evaluation and Instructor Evaluation
April 15	1. Make-up class – if required 2. Complete Progress Sheets if required

Week of	Outcome/Material Covered
April 22 - 26	EXAM WEEK